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Graduation Project

General Services of Egypt



GSE

Team Work

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Chapter 1: Introduction



1.1. INTRODUCTION

A digital transformation is an investment in thought and behavior change to bring about a fundamental transformation in the way we work, by taking advantage of the great technical development taking place to serve beneficiaries faster and better. The digital transformation provides huge potential to build effective, competitive and sustainable societies, by achieving a fundamental change in the services of various parties, consumers, employees and beneficiaries, while improving their experiences and productivity through a series of commensurate processes, accompanied by a reformulation of the necessary procedures for activation and implementation.

Digital government has a positive impact on political, economic and social aspects. The government is known as "Digital Government" is the process of using information and communication technology in providing government services. The concept and innovation of digital government have flourished in many countries, in both the public and private sectors, and in a wide range of services provided to the community. The process of "digitization" in the government is carried out through the use of information technology by the public sector in order to develop and improve the performance of the government. The digital government aims to facilitate access to its services more easily, and lower cost.

GSE refers to general services of egypt, it's a huge project that has three applications (website application, mobile application, ATM application). This project provides the most services in four ministries: ministry of interior, ministry of health, ministry of education and ministry of justice. This system facilitates these services for all citizens from home or street, and the main idea of this project that using master data management, each of these applications implement specific services.

Master data management (MDM) is a technology-enabled discipline in which business and IT work together to ensure the uniformity, accuracy, stewardship, semantic consistency and accountability of the enterprise's official shared master data assets. Master data is the consistent and uniform set of identifiers and extended attributes that describes the core entities of the enterprise including customers, prospects, citizens, suppliers, sites, hierarchies and chart of accounts.

The Master Data Management (MDM) empowers government agencies to consolidate and integrate multiple master data sources to a single source of truth. With MDM, the master data from different agencies that are valuable across agencies, applications and services will be identified and managed in a central repository as a high quality enterprise master data. However, the MDM establishment usually hindered by a data policy where most of the government agencies are reluctant to share their master data due to widespread privacy concerns. Hence, this study aims to define master data and its privacy classification in each government agencies by using a qualitative and quantitative data analysis approach.

Many governments are engaged in wholesale digital transformation, aiming to turn themselves into fully-fledged digital governments. Digital government will help make public institutions more inclusive, effective, accountable, and transparent. However, against this backdrop of increasing digitization, there are substantial regional disparities. In many countries, the digital divide persists, or is even growing wider. Migrating to digital government before all citizens have Internet access could potentially widen the gap, rather than closing it.

As digital government expands, the public will see how governments are becoming more transparent, and that will build higher levels of public trust. With more trust comes more engagement, and so the government will start to hear a wider range of voices. When government processes are open and transparent, and when people and businesses can understand and have a say in decisions that ultimately affect them, public confidence will naturally increase. The complaints system is very important for this point.



1.2. PROBLEM DEFINITION

Governments which invest in and deliver digital services can dramatically improve the welfare of their citizens. Digital government enables broader access to high-quality public healthcare and education, targeted social programs, improved security and prevention of crime, fast response to epidemics, and increased efficiency across a wide range of other services. More importantly, digital technology has the capacity to turn the one-way street of government information and services into a two-way relationship, in which citizens, companies, and governments actively engage with one another.

Before digital transformation, there are many problems that citizen faces (Overcrowding over government institutions, cost, a lot of steps to get any document, wasting time, a lot of effort) so digital transformation solves these all problems and master data management play an important role with it.

All transactions on any citizen are put in MDM system, its very helpful for government and citizen. The government can get any information about any citizen (citizen history) easily.

1.3. FUNCTIONAL REQUIREMENTS

1.3.1 ATM application

1. **Login**

Allow user to login into system

2. **Export birth certificate.**

Allow the User to export birth certificate.

3. **Export death certificate.**

Allow the User to export death certificate.

4. **Export marriage certificate.**

Allow the User to export marriage certificate.

5. **Export divorce certificate.**

Allow the User to export divorce certificate.

6. **Reserve appointment in Government body.**

Allow the User to reserve appointment in government body.

7. **List Government Body Reservation.**

Allow the User to list government body reservations.

8. **Show all vaccinations for citizen.**

Allow the User to show all data about add vaccination for citizen.

9. **Reserve vaccination for citizen.**

Allow the User to reserve all data vaccination for citizen.

10. **Show all health cares.**

Allow the User to show all data about add new healthcare.



- 11. Show all doctor specialization types.**
Allow the User to show all data about add new specialization type.
- 12. Export Student certification.**
Allow the User to export student certificate.
- 13. List Traffic violations.**
Allow the User to show all data about traffic violations.
- 14. send complaint.**
Allow the User to send complaint.
- 15. List complaint with Respond of it.**
Allow the User to List complaint with Respond of it.

1.3.2 Web Application

- 1. Add new citizen.**
Allow the User to Submit all data about new citizen.
- 2. Show all information about citizen.**
Allow the User to Show all data about citizen
- 3. Export birth certificate.**
Allow the User to export birth certificate.
- 4. Export death certificate.**
Allow the User to export death certificate.
- 5. Export marriage certificate.**
Allow the User to export marriage certificate.
- 6. Export divorce certificate.**
Allow the User to export divorce certificate.
- 7. Add user.**
Allow the User to Submit all data about new user.
- 8. Add user type.**
Allow the User to Submit all data about new user type.
- 9. Add new address.**
Allow the User to Submit all data about new address.
- 10. Show all information about specific address.**
Allow the User to show all data about address.
- 11. Add new social status type.**
Allow the User to Submit all data about new social status type.

**12. Show all social status type.**

Allow the User to show all data about social status type

13. Add new social status type for citizen.

Allow the User to Submit all data about new social status type for citizen.

14. Show all information about social status for citizen.

Allow the User to show all data about social status type for citizen.

15. Add new deceased citizen.

Allow the User to Submit all data about new deceased citizen.

16. Show all information for deceased citizen.

Allow the User to show all data about deceased citizen.

17. Add new live status type.

Allow the User to Submit all data about new live status type.

18. Show all live status.

Allow the User to show all data about live status type

19. Add new live status for citizen.

Allow the User to Submit all data about new live status type for citizen.

20. Add new document type.

Allow the User to Submit all data about new document type.

21. Add new document for citizen.

Allow the User to Submit all data about new document type for citizen.

22. Show all information about document for citizen.

Allow the User to show all data about new document type for citizen

23. Add new contact type.

Allow the User to Submit all data about new contact type.

24. show all contact types.

Allow the User to show all data about new contact type.

25. Add new contact for citizen.

Allow the User to Submit all data about new contact type for citizen.

26. Show all contacts about citizen.

Allow the User to show all data about new contact type for citizen.

27. Add new vaccination type.

Allow the User to Submit all data about add new vaccination type for citizen.

**28. Show all vaccination types.**

Allow the User to show all data about add vaccination type for citizen.

29. Add vaccinations for citizen.

Allow the User to Submit all data about add new vaccination type for citizen.

30. Show all vaccinations for citizen.

Allow the User to show all data about add vaccination for citizen

31. Reserve vaccination for citizen.

Allow the User to reserve all data vaccination for citizen.

32. Add new healthcare.

Allow the User to Submit all data about add new healthcare.

33. Show all health cares.

Allow the User to show all data about add new healthcare.

34. Add new Healthcare type.

Allow the User to Submit all data about add new healthcare type for citizen.

35. Show all healthcare types.

Allow the User to show all data about add new healthcare type for citizen.

36. Add new doctor specialization type.

Allow the User to Submit all data about add new specialization type.

37. Show all doctor specialization types.

Allow the User to show all data about add new specialization type.

38. Add new doctor with his specialization.

Allow the User to Submit all data about add new doctor with his specialization type.

39. Show all doctors with their specializations.

Allow the User to show all data about add new doctor with his specialization type.

40. Make reservation to make checkup.

Allow the User to make reservation to checkup.

41. Show all reservations for checkup.

Allow the User to show all reservations for checkups.

1.3.3 Mobile application

1. Book appointment with doctor

- Allow citizen to reserve appointment with doctor by determined the specialization and healthcare place, and send e-mail to him contain details after booking.

**2. Book appointment to vaccination**

- Allow citizen to reserve appointment in healthcare places to vaccinate his children, and send e-mail to him contain details after booking.

3. Show reservations of vaccination appointment

- Allow citizen to list all the reservations of vaccination appointments in addition names of children and have they been vaccinating or not.

4. Show reservation of doctor appointments

- Allow citizen to list all the reservations of doctor appointments.

5. Request an ambulance

- Allow citizen to request ambulance at his current location and send details of request.

6. Show requests of ambulance

- Allow citizen to list all requests of ambulance in addition date of request and show the place of request in map.

7. Search on Requests of ambulance

- Allow the citizen to search for a specific request.

8. Search on List of Doctor Reservations

- Allow the citizen to search for a specific doctor reservation.

9. Search on List of Vaccination Reservations

- Allow the citizen to search for a specific vaccination reservation.

10. Search on List of Complaints

- Allow the citizen to search for a specific complaint.

11. Search on List of Traffic violations

- Allow the citizen to search for a specific violation.

12. Show Traffic violations

- Allow citizen to list all Traffic violations with date of violation and is paid or not.

13. Show Complaint list

- Allow citizen to list all complaints in addition to date of send complaint.

14. Change password

- Allow citizen to change his current pin number.

15. Cancel Doctor Reservation

- Allow citizen to cancel doctor reservation that is not come yet.

16. Cancel Vaccination Reservation

- Allow citizen to cancel vaccination reservation that is not come yet.

**17. Show Responses of Complaints**

- Allow citizen to show respond of specified complaint in addition to date of respond.

18. Show Hospitals

- Allow citizen to show all hospitals that is near of his current location.

19. Show Schools

- Allow citizen to show all schools that is near of his current location.

20. Show Restaurants

- Allow citizen to show all restaurants that is near of his current location.

21. Search for place on map

- Allow citizen to search on places in map.

22. Send complaint

- Allow citizen to enter his complaint and allow to enter his national id.

23. Show List of Requests

- Allow citizen to list all requests in addition to type of request.

24. Show reservations of Government Body

- Allow citizen to list all government body reservations.

25. Search on List of Requests

- Allow the citizen to search for a specific request.

26. Request Service

- Allow the citizen to request services from government body.

27. Search on List of Government Body Reservations

- Allow the citizen to search for a specific government body reservation.

28. Book appointments in Government body

- Allow the citizen to reserve appointment in government body

29. Login with Pin Number

- Allow the citizen to login using national id and pin number

30. Login with QR code

- Allow the citizen to login using national id and QR code in his ID card.



1.4. NON-FUNCTIONAL REQUIREMENTS

1.4.1 Product Requirements

- **Efficiency Requirements:** The application should operate its requested function in a very short amount of time to send the response that is received by the client.
- **Usability Requirements:**
 1. Error messages should explain how to recover from the error.
 2. The system must be easy to learn for staff members, End-users and other stakeholders with experience from similar systems.
 3. The End-user is able to learn, operate, prepare inputs and interpret outputs through interaction with a software system.
 4. The user must feel satisfied with the system.
- **Security Requirements:** The application should be requiring a strong password with a unique username; user's information should not be displayed unless he gives the permission, also the varied privileges assigned and managed by the (CMS) for the system users.

1.4.2 Organizational Requirements

- **Operational Requirements:** The user's information confidentiality is operated by the security engineer with having some access to the user information, while the data and analytics scientist has access to some user's information and user's activity log, to order to avoid roles confusion.
- **Implementation:** The System is implemented in 2.5 GHz Intel Core i5 processor and memory specification is 4 GB RAM 1600 MHz DDR3, and implementation is tested through white, black and gray testing.

1.4.3 Additional Requirements

- User Interface:

The user interface is quite friendly which has icons with the expressing images that would help the user of their functionality easily all over its icons and a manual for usability for the inexperienced users is quite eye relaxing and has its own characteristics according to its mission.

- Performance:

The application should operate it's requested function by the privileged user in a very short amount of time whereas, the response is received by the client.

• Reliability:

The system can supply the user demands smoothly without abortion or fault occurrence, it can operate the functions under stress of retrieving big amount of data for many users concurrently with a safe data management with efficient and fast response.



- Supportability:

GSE application operates on any version of windows, MacOS and any other related operating system, and there is GSE application operates on android in min android version 4.4

- Maintainability:

The system can be easily maintained by the readable and detailed documentation and also can be maintained by corrective and perfective maintenance.

1.5. TARGET ENVIRONMENT

1.5.1 Client Requirements

❖ Minimum Hardware Specifications

- 1GB RAM.
- 1.3 Dual Core Processors.
- Inches display.
- 450px as a display width.
- 500MB for GPU.

❖ Minimum OS Version

- Mac OS X Tiger 10.4
- Windows XP Professional NT 5.2
- Linux based Kernel 2.6.14
- Debian Linux based Etch 4.0
- Fedora | RH Linux based Bordeaux 2.14
- Arch Linux kernel 2.6.15

❖ Minimum Navigator

- Chrome 4.0
- Internet Explorer 9.0
- Mozilla Firefox 3.5
- Safari 4.0
- Opera 10.5

1.5.2 Programming and scripting languages

❖ Client Side

- JavaScript
- jQuery
- MomentJS
- jQuery-popper



❖ Mean Stack Server Side

- SQLServer
- ASP.NET

1.5.3 Design

- HTML5
- CSS3
- jQuery
- SASS
- JavaScript
- UIKit
- Bootstrap
- amCharts
- Fontawesome
- JQ Widgets
- Nucleo-icons
- Google fonts

1.5.4 Developer tools

- SQL Server
- Mozilla dev tools
- VS dev tools
- Adobe Photoshop
- Chrome dev tools
- VS 2019 Enterprise



Chapter 2: Background



2.1 SYSTEM TOOLS

❖ **UIKit**

A lightweight and modular front-end framework for developing fast and powerful web interfaces.

❖ **Chrome dev tools**

The Chrome Developer Tools (DevTools for short), are a set of web authoring and debugging tools built into Google Chrome. The DevTools provide web developers deep access into the internals of the browser and their web application. Use the DevTools to efficiently track down layout issues, set JavaScript breakpoints, and get insights for code optimization.

❖ **Safari dev tools**

Apple has brought its expertise in macOS and iOS development tools to the web. Safari includes Web Inspector, a powerful tool that makes it easy to modify, debug, and optimize a website for peak performance and compatibility on both platforms. And with Responsive Design Mode, you can even preview your webpages for various screen sizes, orientations, and resolutions. To access these tools, enable the Develop menu in Safari's Advanced preferences.

❖ **C#**

C# is a strongly typed object-oriented programming language. C# is open source, simple, modern, flexible, and versatile. In this article, let's learn what C# is, what C# can do, and how C# is different than C++ and other programming languages. programming language on computer science is a language that is used to write software programs. C# is a programming language developed and launched by Microsoft in 2001. C# is a simple, modern, and object-oriented language that provides modern day developers flexibility and features to build software that will not only work today but will be applicable for years in the future.

❖ **ASP.NET MVC**

MVC is a design pattern used to decouple user-interface (view), data (model), and application logic (controller). This pattern helps to achieve separation of concerns. Using the MVC pattern for websites, requests are routed to a Controller that is responsible for working with the Model to perform actions and/or retrieve data. The Controller chooses the View to display, and provides it with the Model. The View renders the final page, based on the data in the Model.

❖ **Microsoft SQL Server**

Relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications.

❖ **Adobe Photoshop**

Adobe Photoshop is a raster graphics editor developed and published by Adobe Systems for macOS and Windows.



❖ **Adobe Illustrator**

The industry-standard vector graphics app lets you create logos, icons, drawings, typography, and illustrations for print, web, video, and mobile.

❖ **jQuery**

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

❖ **Base64toBlob**

Convert a base64 string to a Blob object.

❖ **JSON bodyParser**

Returns middleware that only parses json and only looks at requests where the Content-Type header matches the type option. This parser accepts any Unicode encoding of the body and supports automatic inflation of gzip and deflate encodings.

❖ **HTML5**

HTML5 Boilerplate is a professional front-end template for building fast, robust, and adaptable web apps or sites.

This project is the product of years of iterative development and community knowledge. It does not impose a specific development philosophy or framework, so you're free to architect your code in the way that you want.

❖ **CSS3**

CSS3 is the latest evolution of the Cascading Style Sheets language and aims at extending CSS2.1. It brings a lot of long-awaited novelties, like rounded corners, shadows, gradients, transitions or animations, as well as new layouts like multi-columns, flexible box or grid layouts. Experimental parts are vendor-prefixed and should either be avoided in production environments, or used with extreme caution as both their syntax and semantics can change in the future.

❖ **Materialize**

A modern responsive front-end framework based on Material Design.



❖ REST API

REST stands for Representational State Transfer and is used to access and manipulate data using several stateless operations. These operations are integral to the HTTP protocol and represent an essential CRUD functionality (Create, Read, Update, Delete).

The HTTP operations available are:

- POST (create a resource or generally provide data)
- GET (retrieve an index of resources or an individual resource)
- PUT (create or replace a resource)
- PATCH (update/modify a resource)
- DELETE (remove a resource)

❖ Visual Studio Code

Vs Code is a source code editor developed by Microsoft for Windows, Linux and macOS. It includes support for debugging, embedded Git control, syntax highlighting, intelligent code completion, snippets, and code refactoring. It is also customizable, so users can change the editor's theme, keyboard shortcuts, and preferences. The source code is free and open source and released under the permissive MIT License. The compiled binaries are freeware and free for private or commercial use.

❖ Font awesome

Font Awesome is a font and icon toolkit based on CSS and LESS. It was made for use with Twitter Bootstrap, and later was incorporated into the BootstrapCDN.

❖ Bootstrap

Bootstrap is a free and open-source front-end Web framework. It contains HTML and CSS-based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions

❖ TypeScript

TypeScript is an open-source programming language developed and maintained by Microsoft. It is a strict syntactical superset of JavaScript, and adds optional static typing to the language.

TypeScript is designed for development of large applications and transcompiles to JavaScript. As TypeScript is a superset of JavaScript, existing JavaScript programs are also valid TypeScript programs. TypeScript may be used to develop JavaScript applications for both client-side and server-side (Node.js) execution.



❖ **Postman**

Developers use Postman to build, modern software for the API-first world.

❖ **JavaScript**

JavaScript is a high-level, interpreted programming language that complies with the ECMAScript specification. It is a programming language that is characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it, and major web browsers have a dedicated JavaScript engine to execute it.

❖ **jQWidgets**

jQWidgets is a software framework with widgets (graphical control elements), themes, input validation, drag & drop plug-in, data adapters, built-in WAI-ARIA accessibility, internationalization and MVVM support. It is built on the open standards and technologies HTML5, CSS, JavaScript and jQuery. This library is used for developing responsive web and mobile applications. Some developers consider jQWidgets one of the top alternatives to the open-source jQuery UI.

❖ **Popper.js**

Popper.js is a **positioning engine**; its purpose is to calculate the position of an element to make it possible to position it near a given reference element.

This is the engine, the library that computes and, optionally, applies the styles to the poppers. Some of the key points are:

- Position elements keeping them in their original DOM context
- Allows to export the computed information to integrate with React and other view libraries
- Supports Shadow DOM elements
- Completely customizable thanks to the modifiers-based structure

❖ **MomentJS**

A lightweight JavaScript date library for parsing, validating, manipulating, and formatting dates.

❖ **Mozilla dev tools**

To Examine, edit, and debug HTML, CSS, and JavaScript on the desktop web application.

❖ **Google Fonts**

Google Fonts is a library of 915 libre licensed fonts, an interactive web directory for browsing the library, and APIs for conveniently using the fonts via CSS.



Chapter 3: System Analysis



3.1. INTRODUCTION

This system has been analyzed through a lot of methods, first one of them use case models which identifies the actors involved in an interaction and names the type of interaction; this is then supplemented by additional information describing the interaction with the system with its additional information describing the interaction with the system, these additional is textual description and graphical models, so as it is viewed later in the analysis the use case graphical model is analyzed and for each functional requirement, the steps where the user and the system takes are analyzed and shown.

Also scenario was for providing an abstract description for interaction with software system, which can be useful for adding detail to an outline requirements descriptions, also it covers one or a small number of possible interactions, so what we have done is mentioning each functional requirement and define its detailed scenario and how the user triggers the system.

However, analyzing the entity relationship diagram (ERD) of the system is needed and done indeed, during the analysis phase for covering the construction of the database to be used in the application, and to reveal the system relations that bounds the system components together with their interactions, so each table in the database is displayed with its attributes and the relations that bounds them together as a database construction.

3.2 USE CASE MODELS

3.2.1 ATM

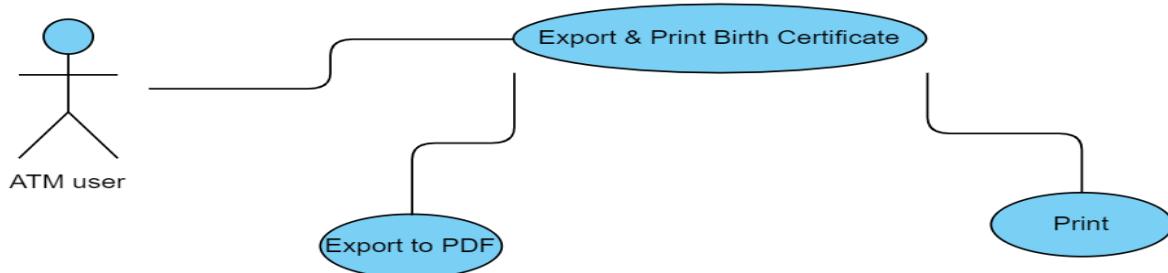


Figure 1: Export Birth Certificate

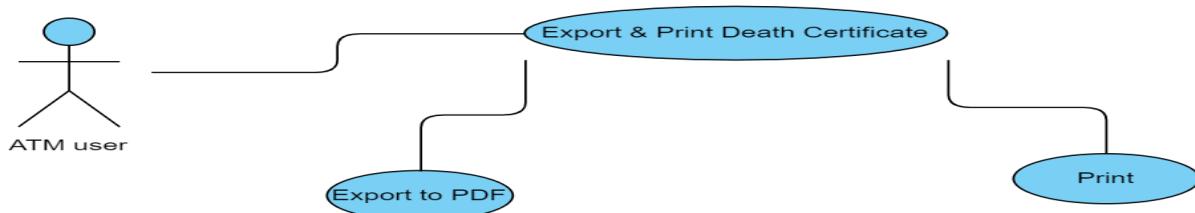


Figure 2: Export Death Certificate

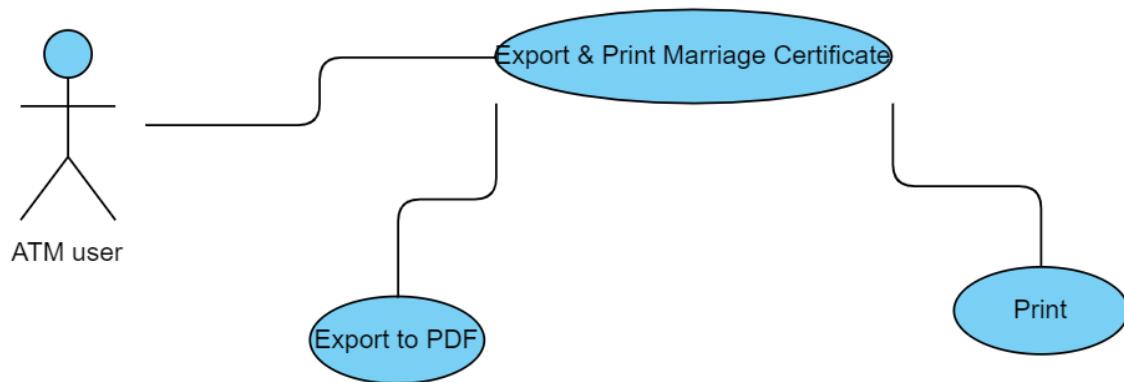


Figure 3: Export Marriage Certificate

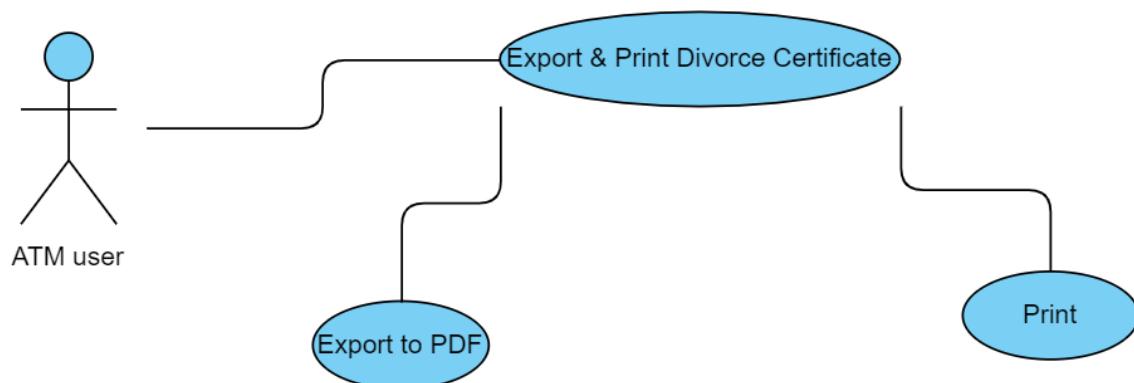


Figure 4: Export divorce Certificate



3.2.2 ATM API

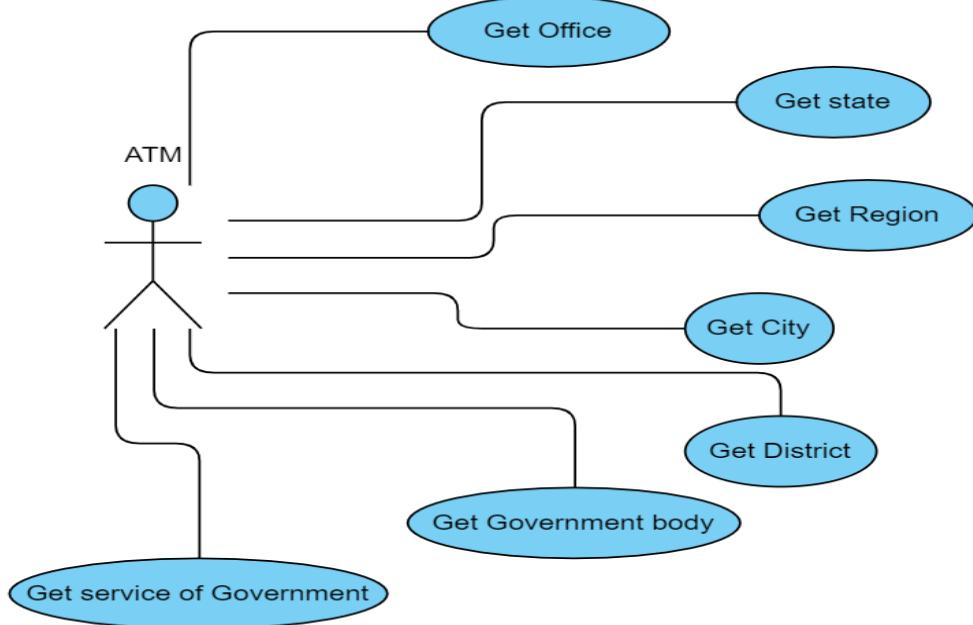


Figure 5: Add Government Service

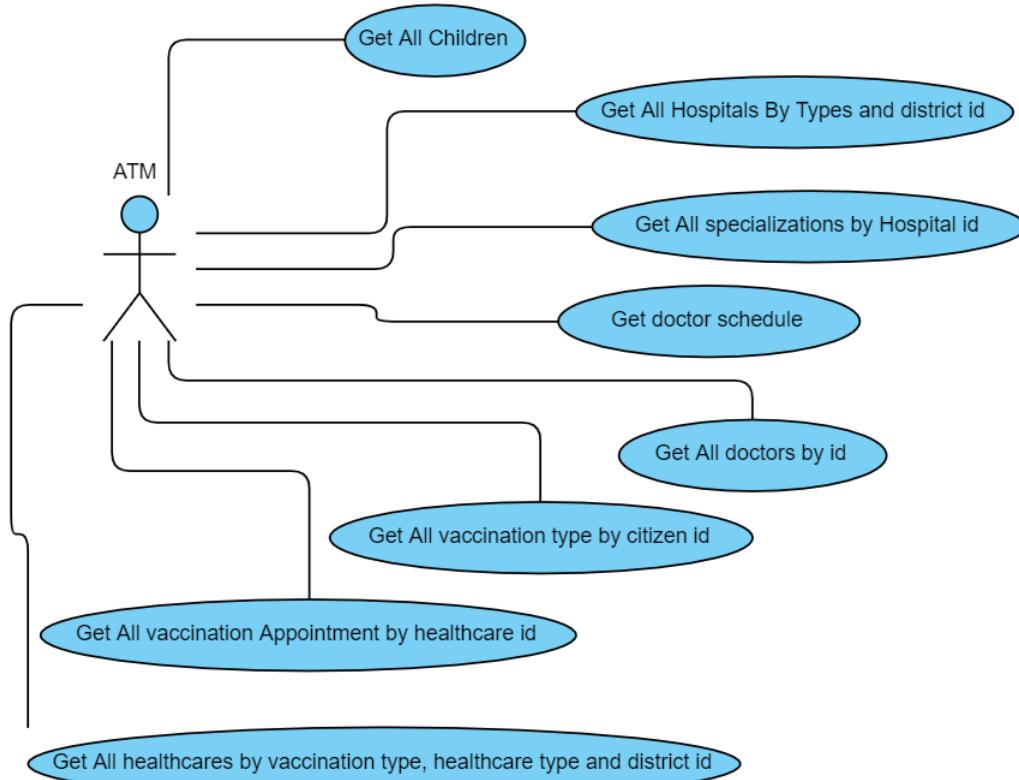


Figure 6: Add healthcare Service

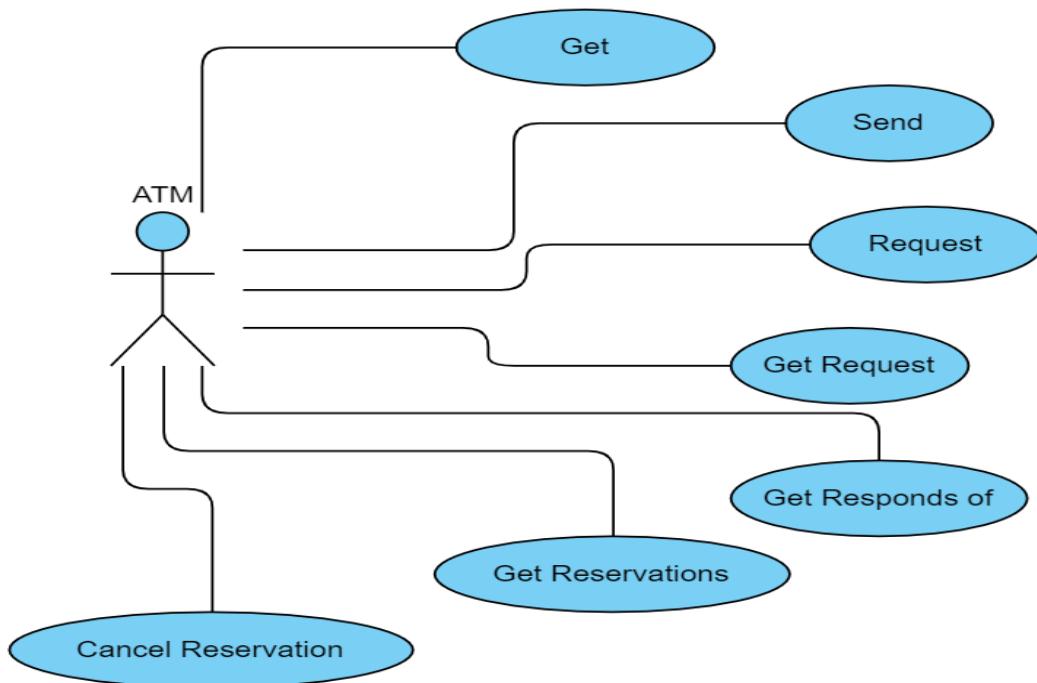


Figure 7: Reserve Appointment

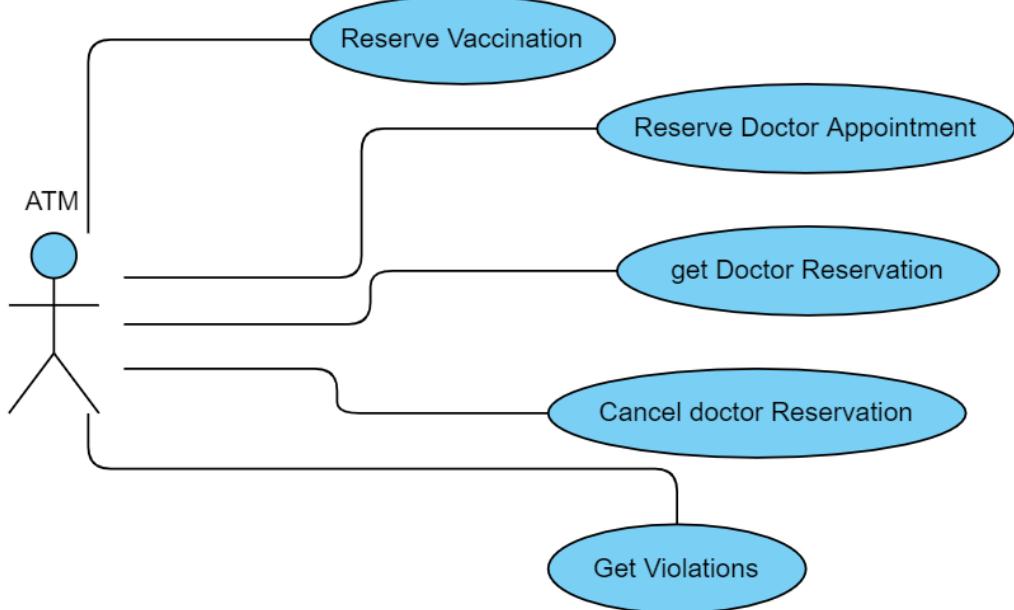


Figure 8: reserve vaccination

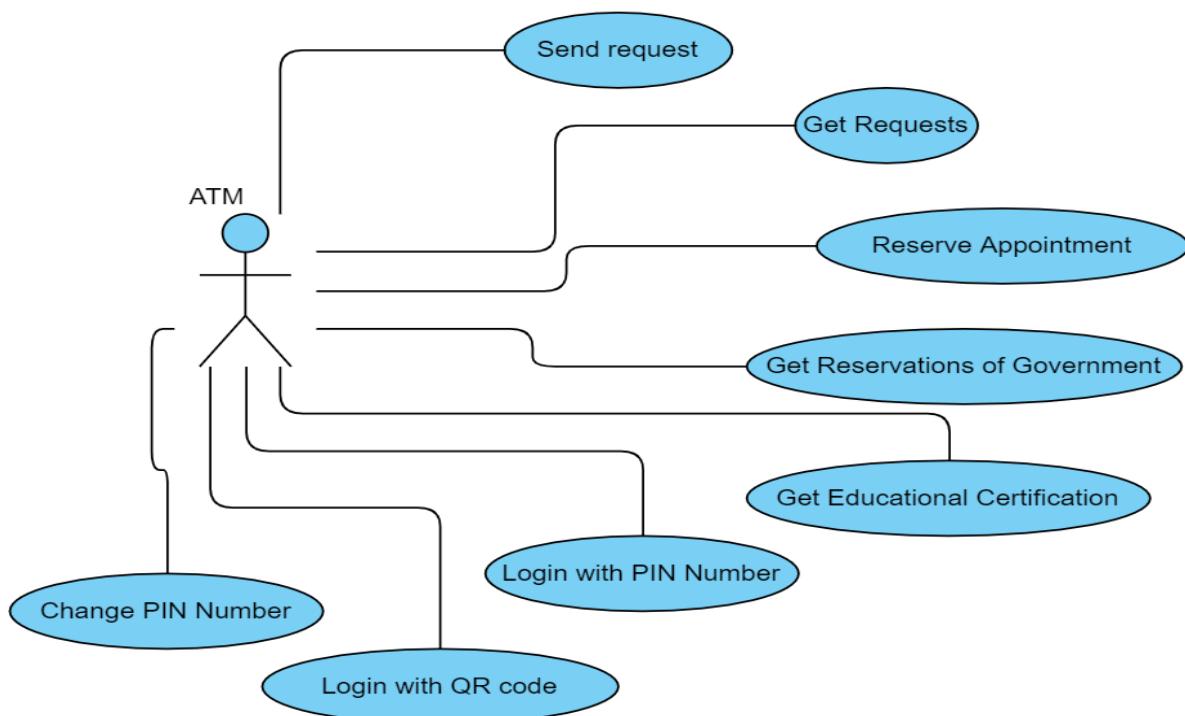


Figure 9: Login



3.2.3 WEBSITE

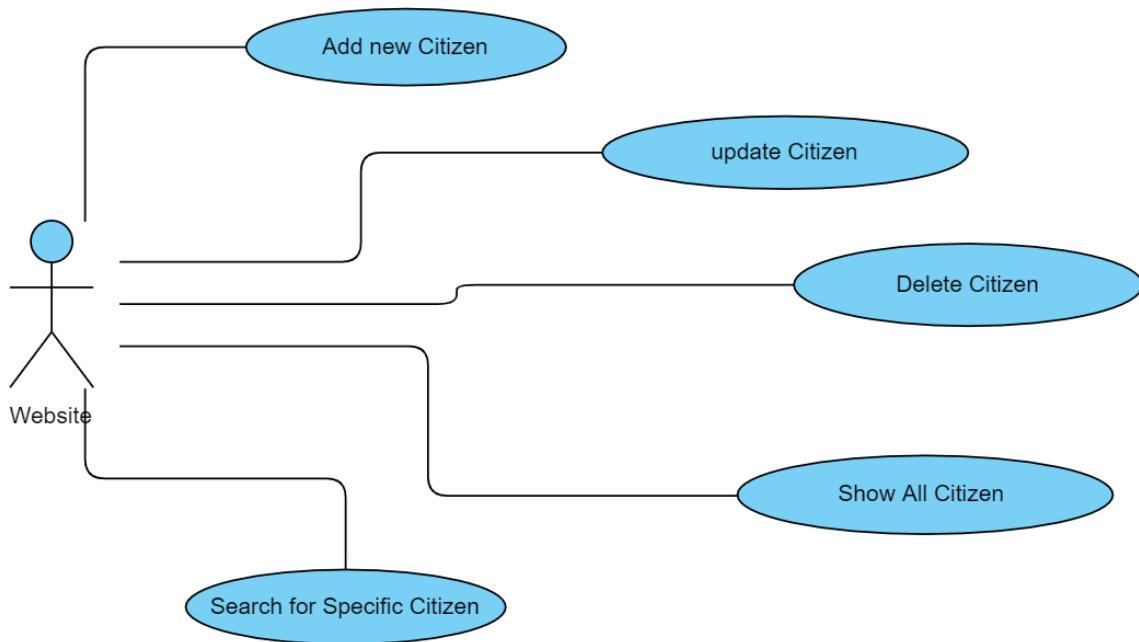


Figure 10: Add New Citizen

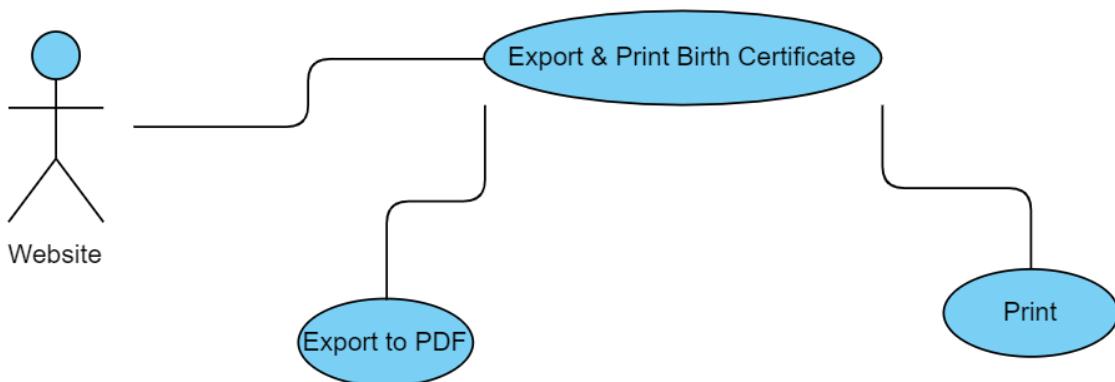


Figure 11: Export birth Certificate

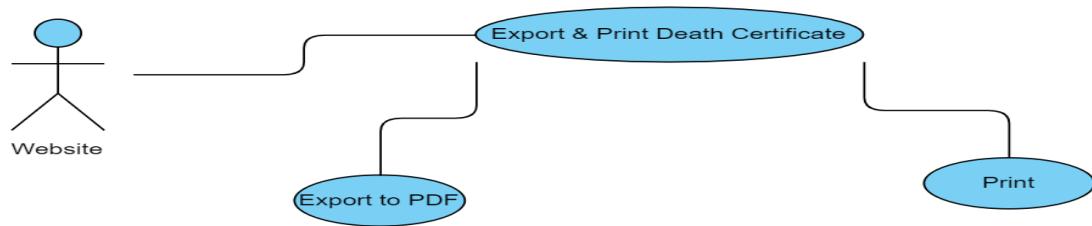


Figure 12: Export Death Certificate

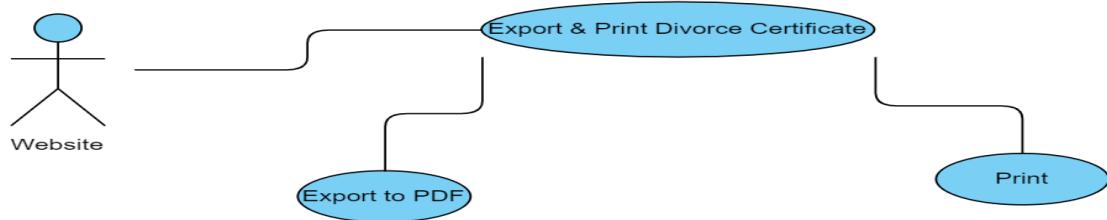


Figure 13: Export Divorce Certificate

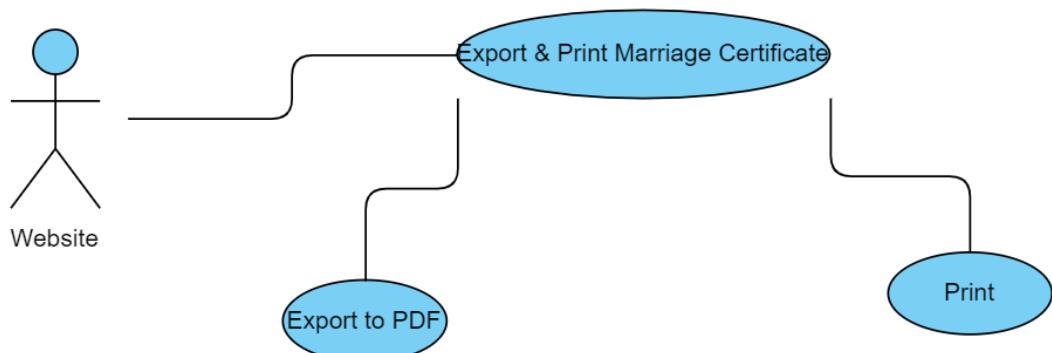


Figure 14: Export Marriage Certificate

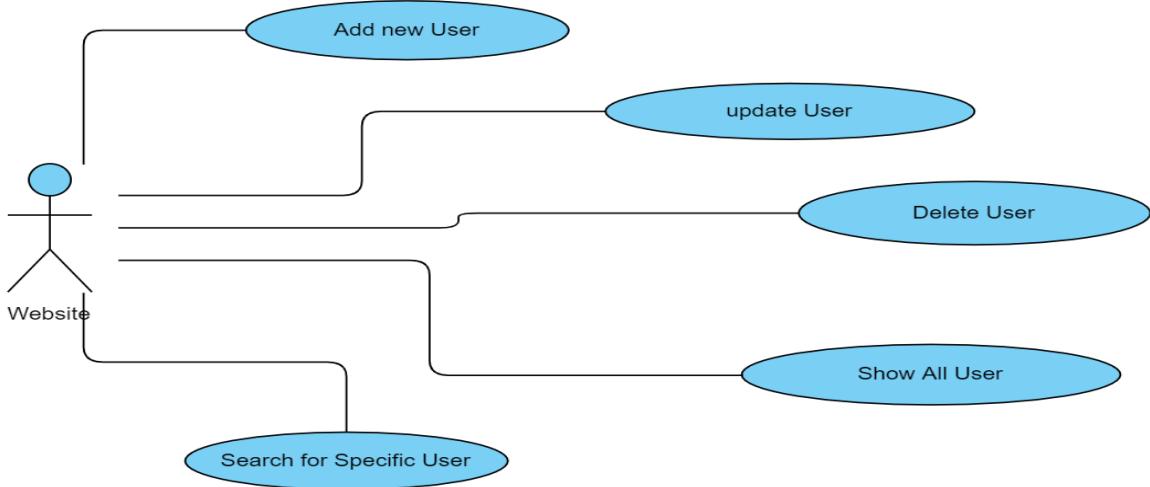


Figure 15: Add new user

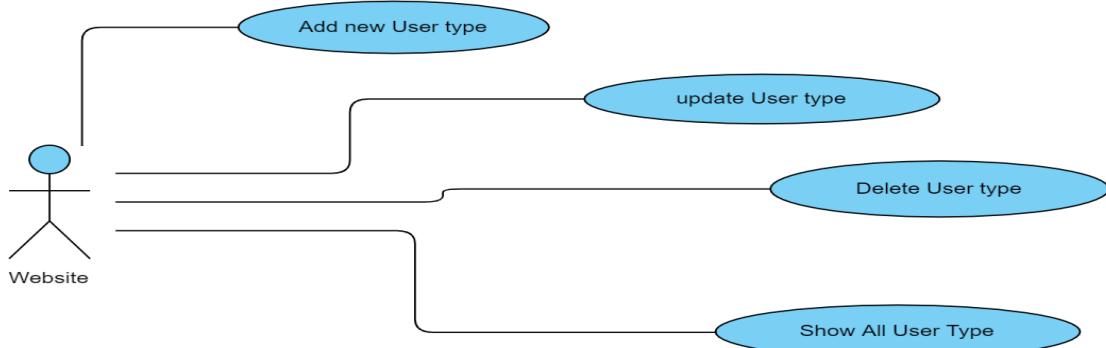


Figure 16: Add new user type

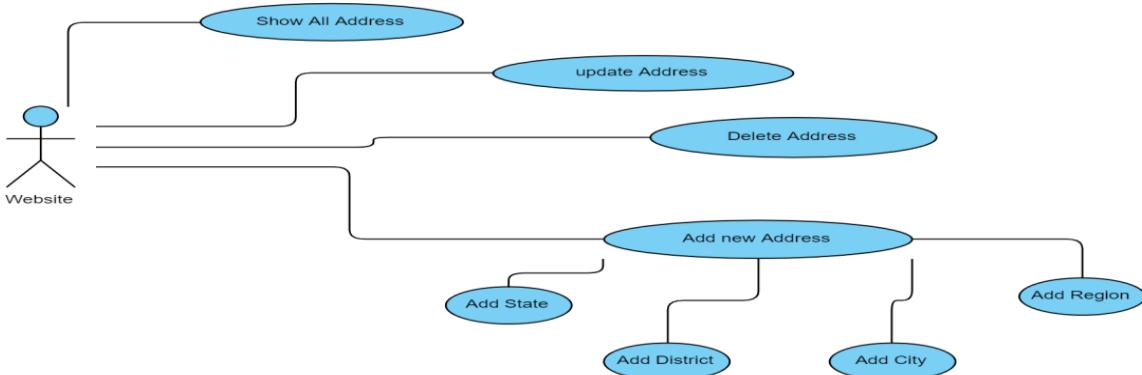


Figure 17: Add new Address

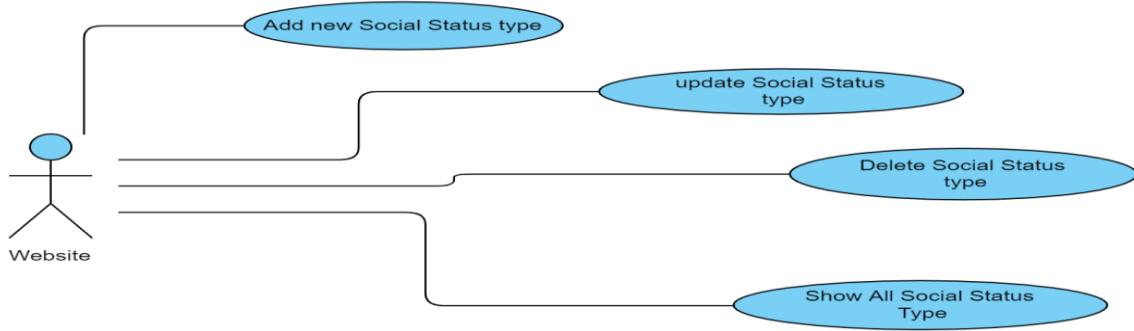


Figure 18: Add new Social Status Type

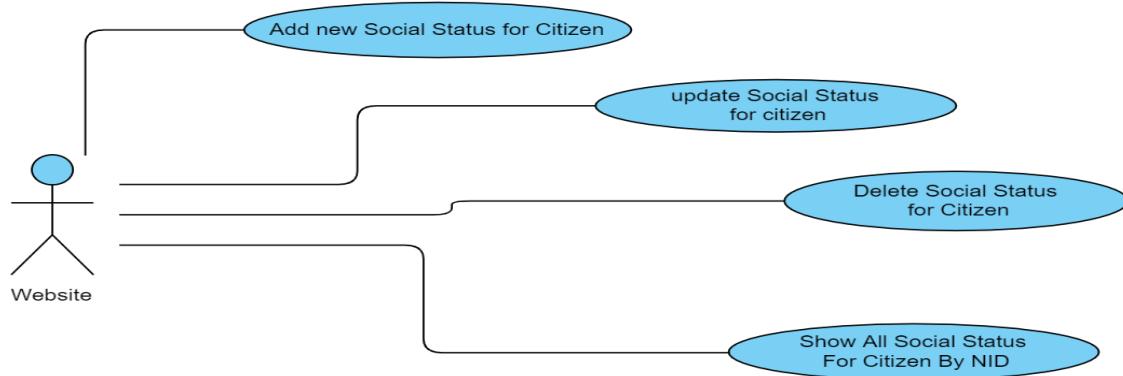


Figure 19: Add new social status for citizen

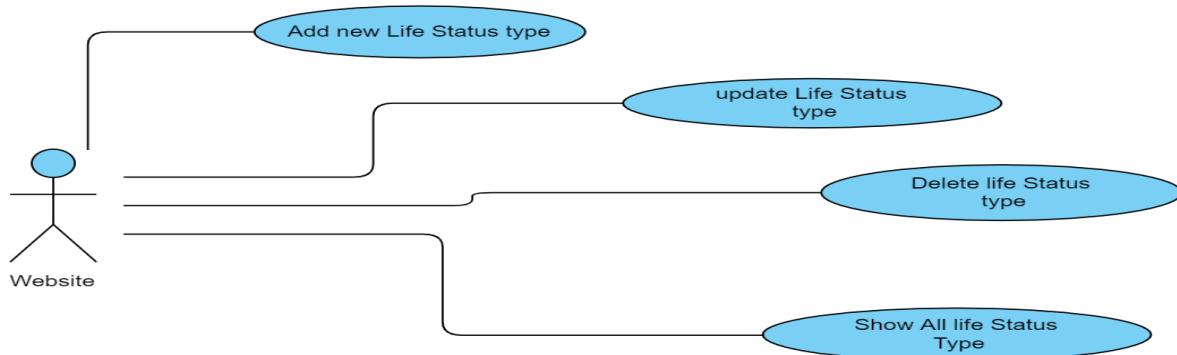


Figure 20: Add new Life Status Type

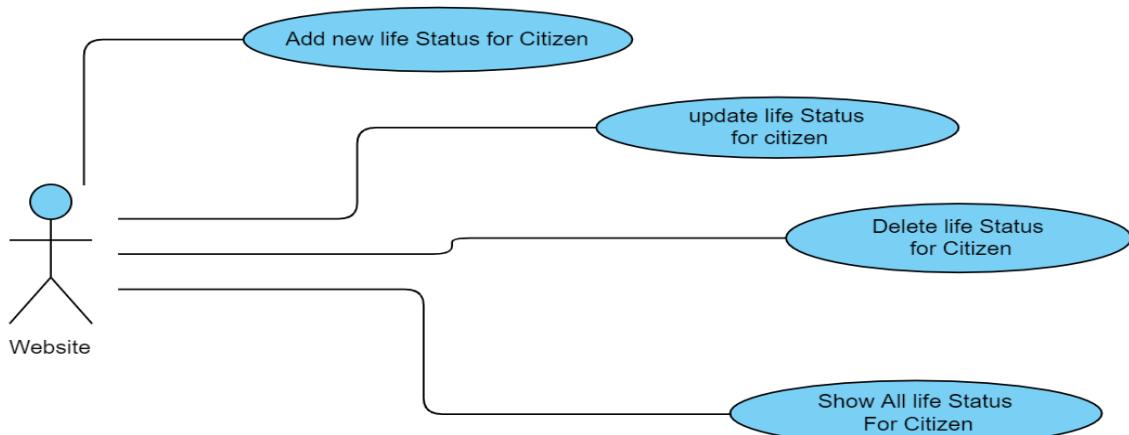


Figure 21: Add new life Status

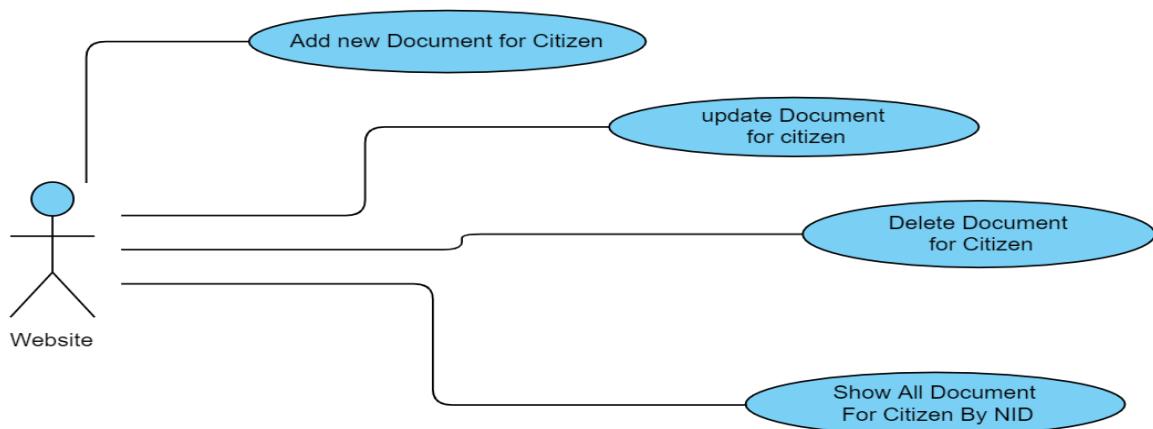


Figure 22: Add new Document for Citizen

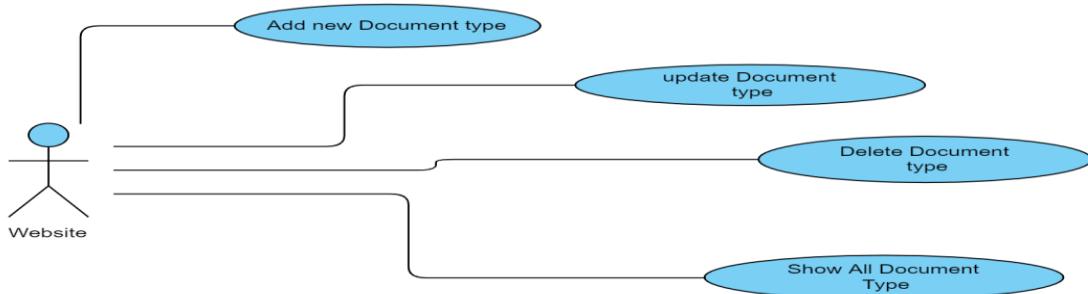


Figure 23: Add new Document Type

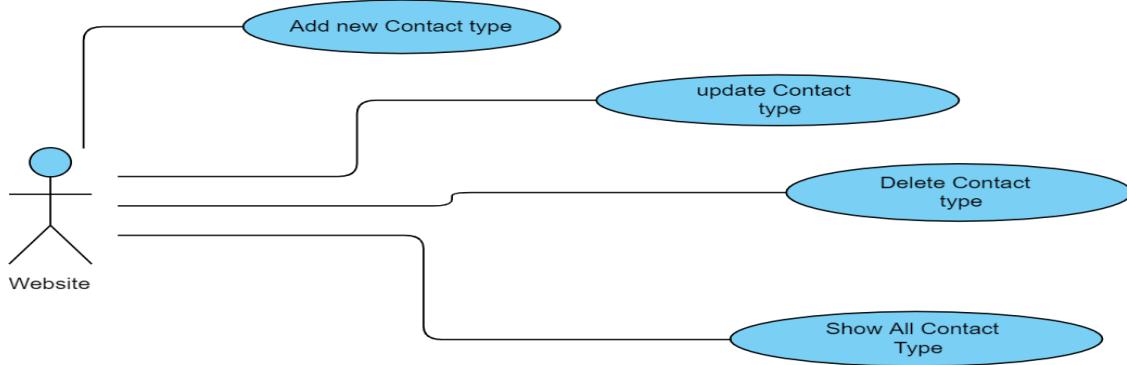


Figure 24: Add new Contact Type

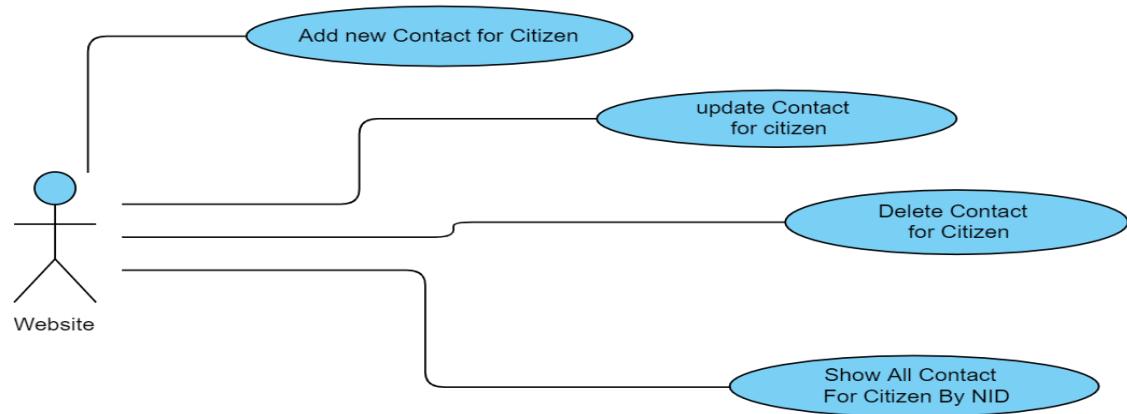


Figure 25: Add new Contact for Citizen

1.5.4.1 Ministry of Health

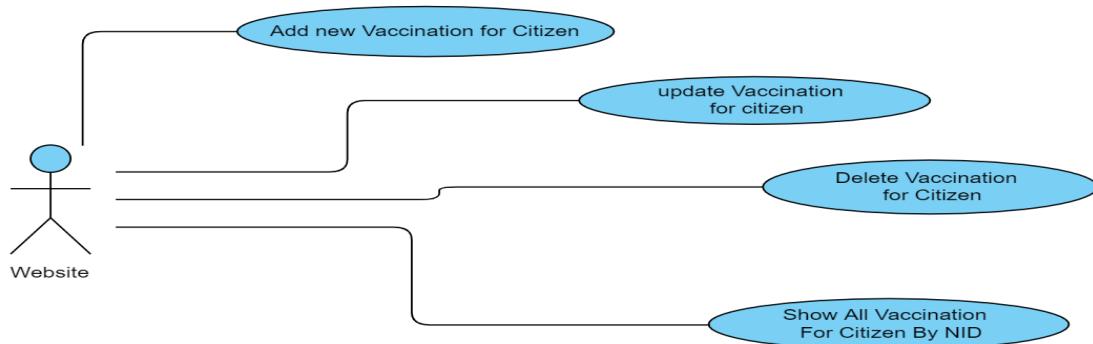


Figure 26: Add new Vaccination For Citizen

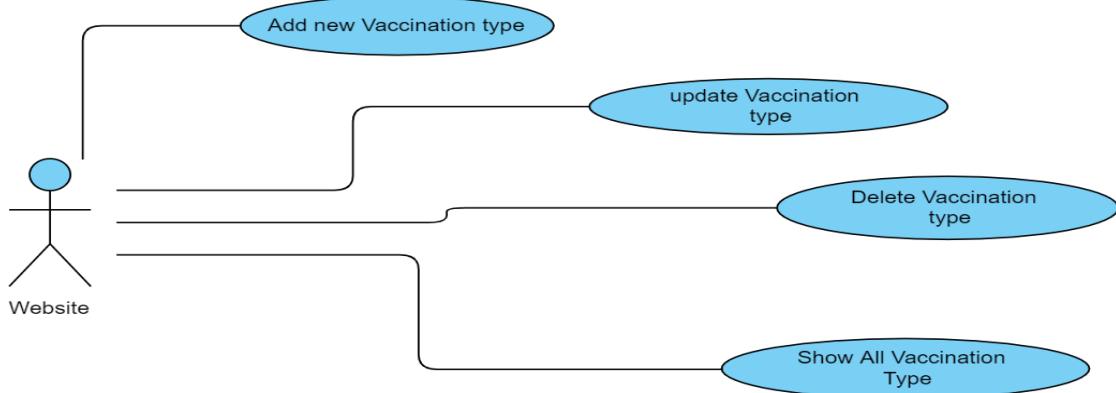


Figure 27: Add new Vaccination Type

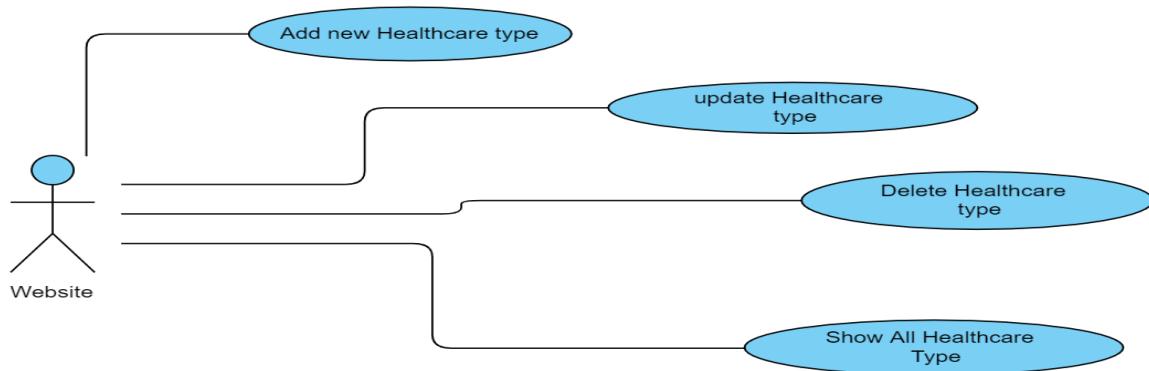


Figure 28: Add new Healthcare Type

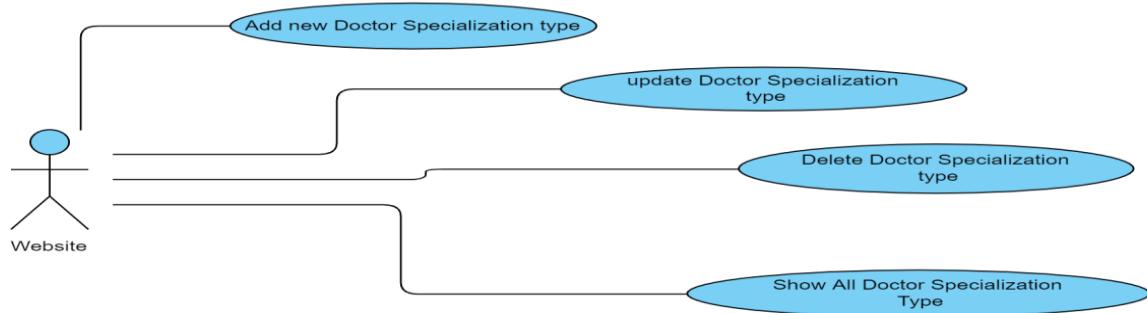


Figure 29: Add new Doctor specialization Type

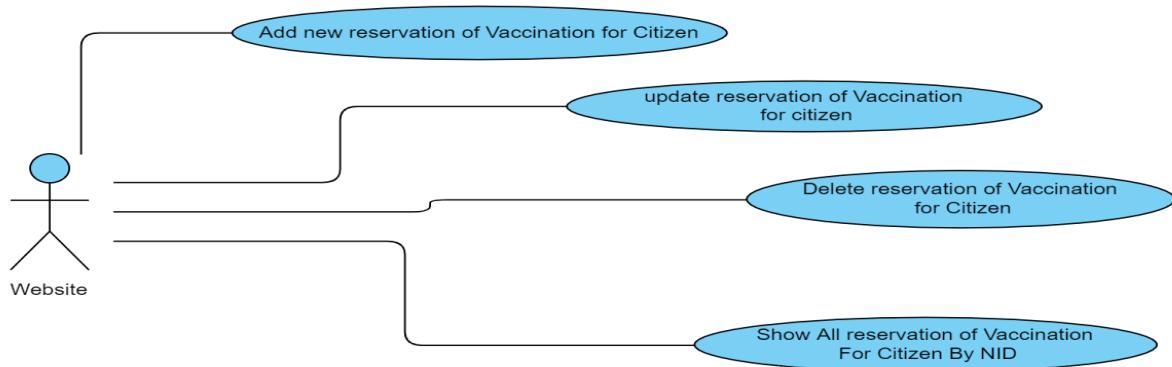


Figure 30: Add new Vaccination For Citizen

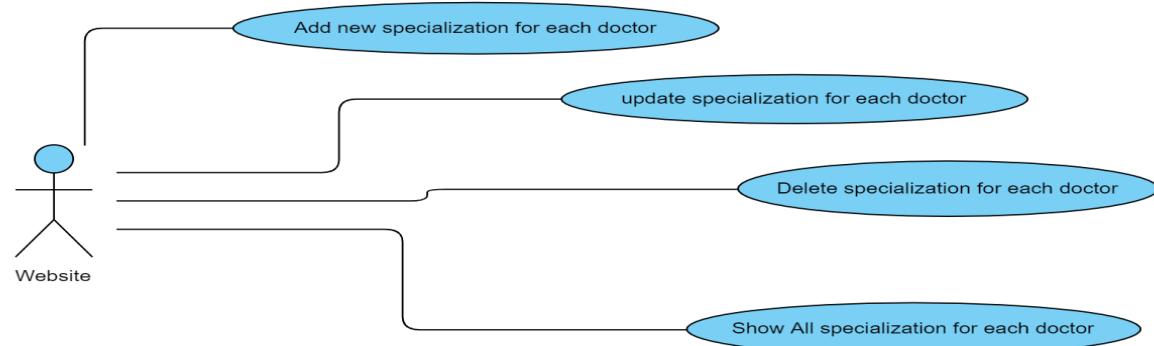


Figure 31: Add new specialization for each Doctor

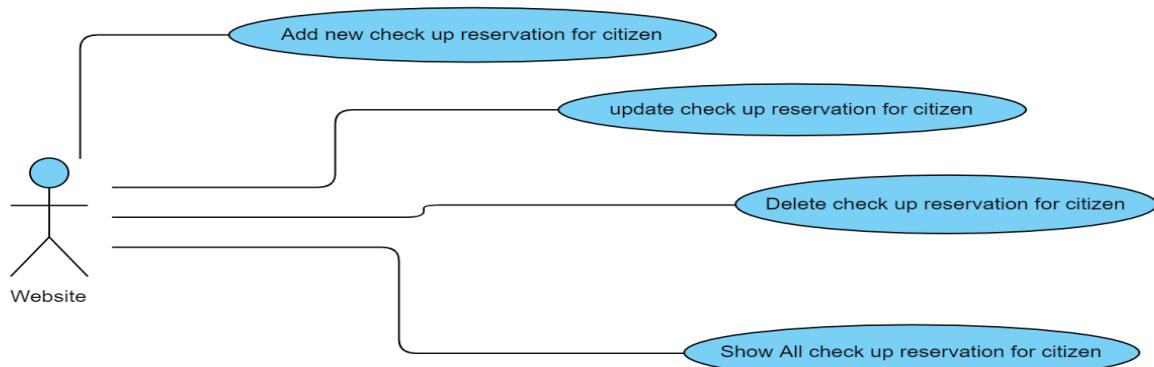


Figure 32: Add new check up Reservation for citizen

1.5.4.2 Real state registry interesrt

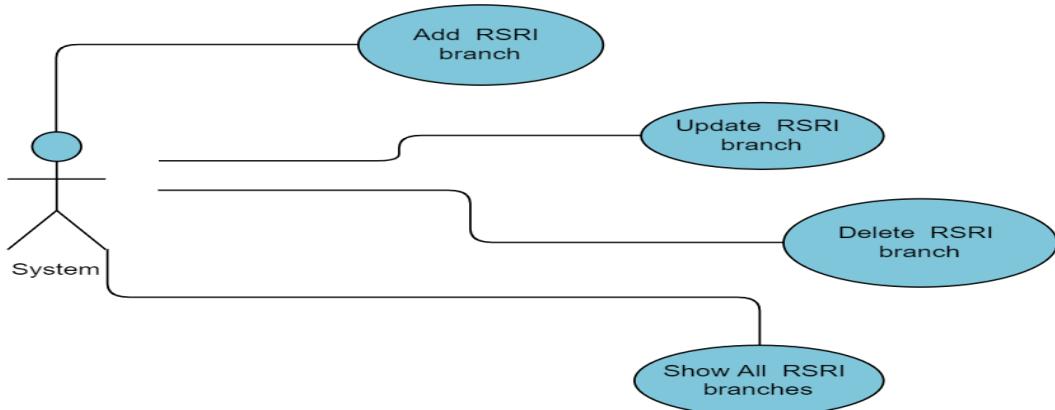


figure 33: Add RSRI Branch

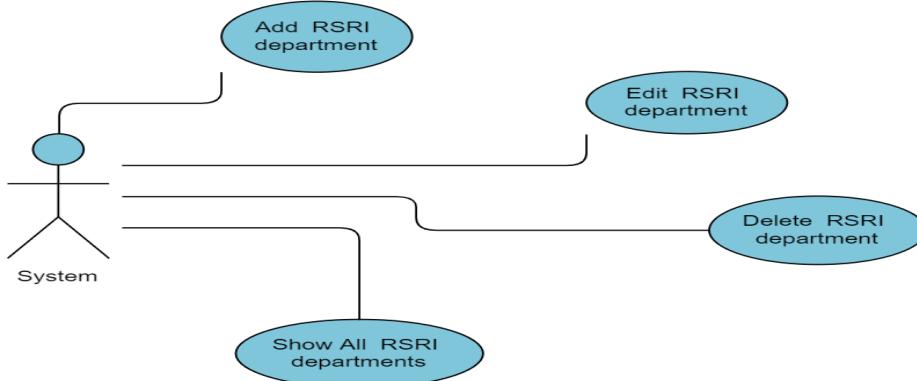


figure 34: Add RSRI Department

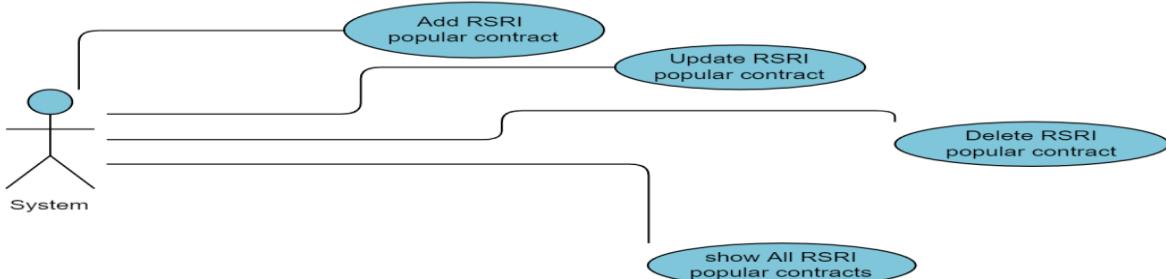


Figure 35: Add RSRI popular contract

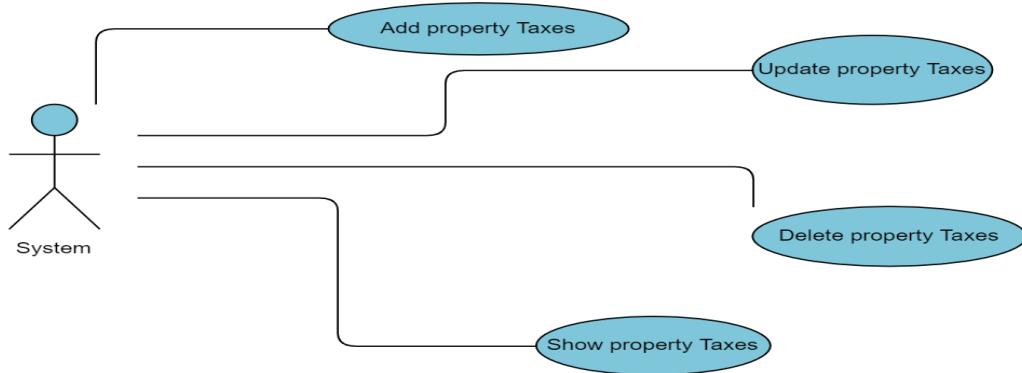


figure 36: Add RSRI property taxes

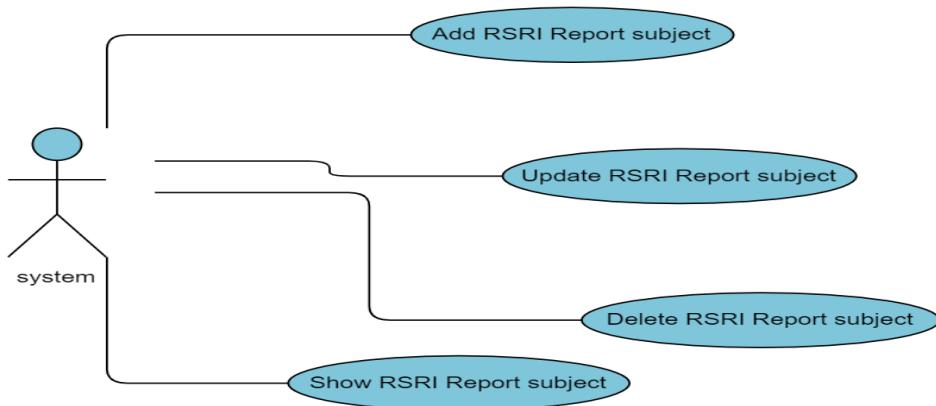


Figure 37: Add RSRI Report subject

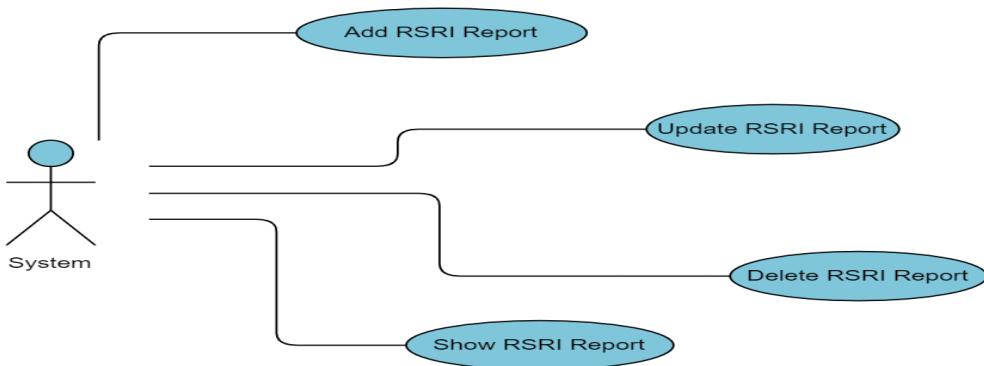


Figure 38: Add RSRI report

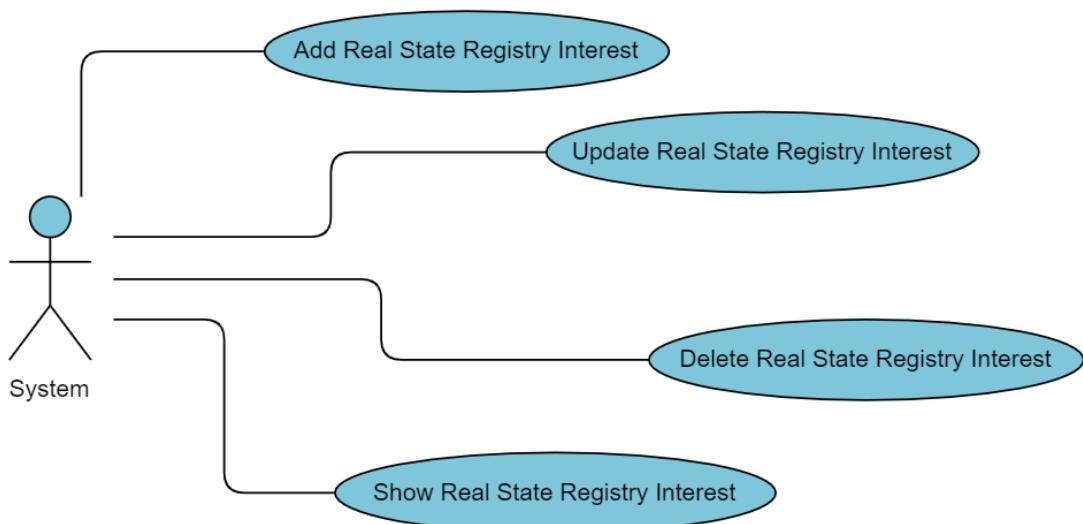


figure 39: Add RSRI

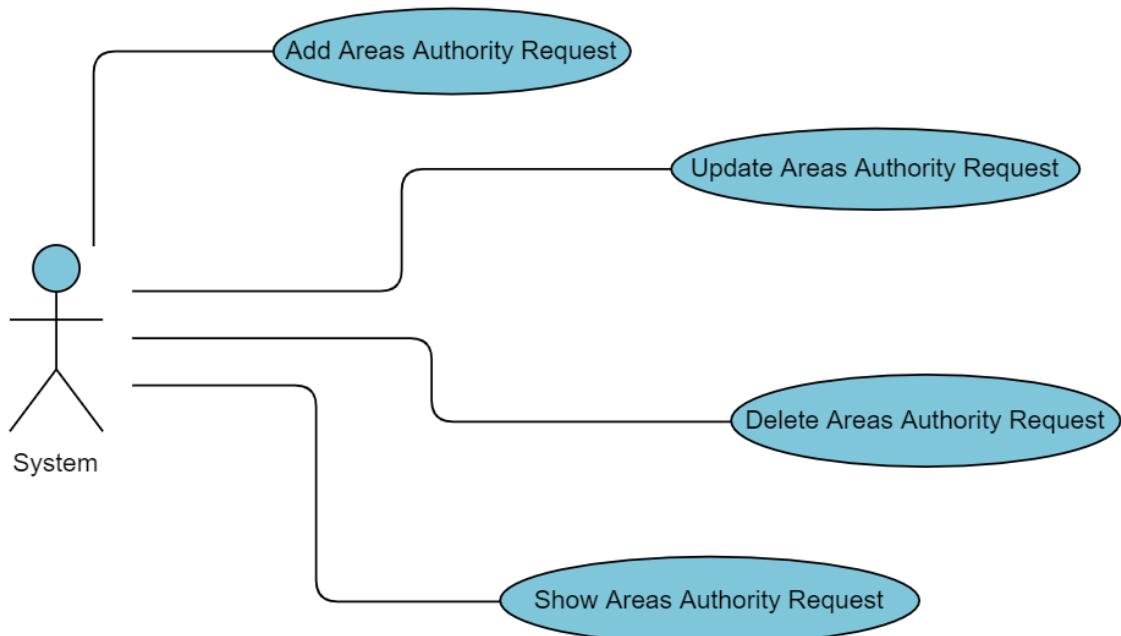


figure 40: Add Areas authority Request

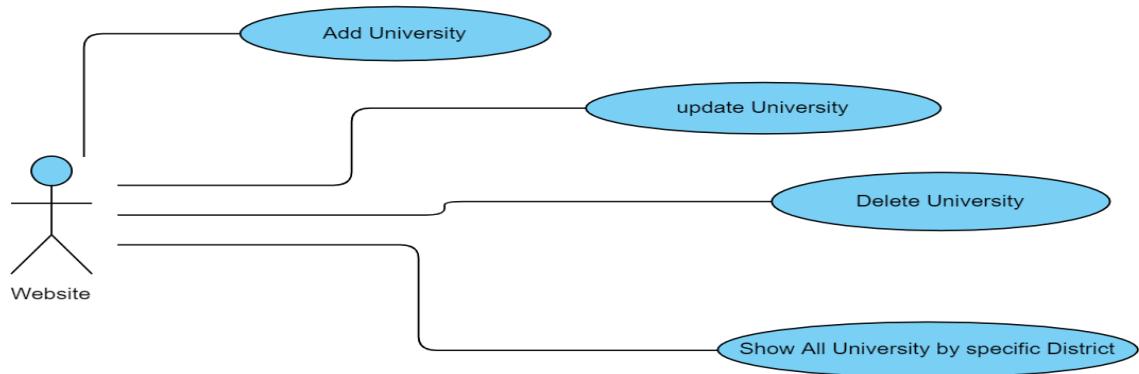


Figure 41: Add University

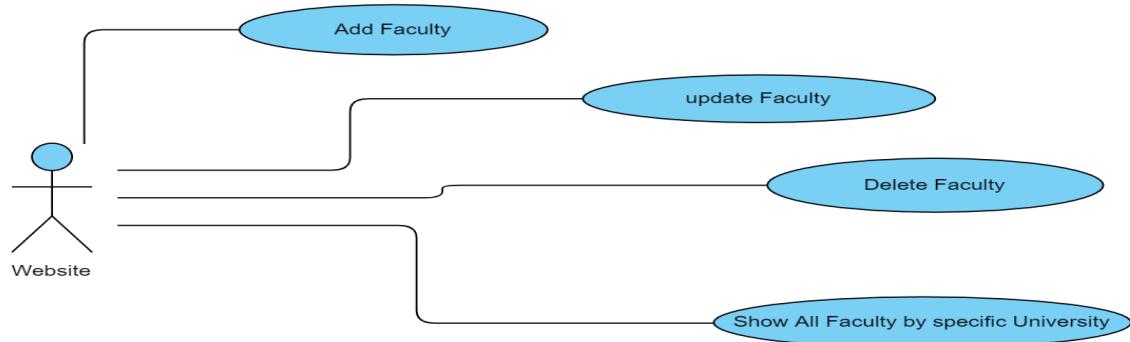


Figure 42: Add faculty

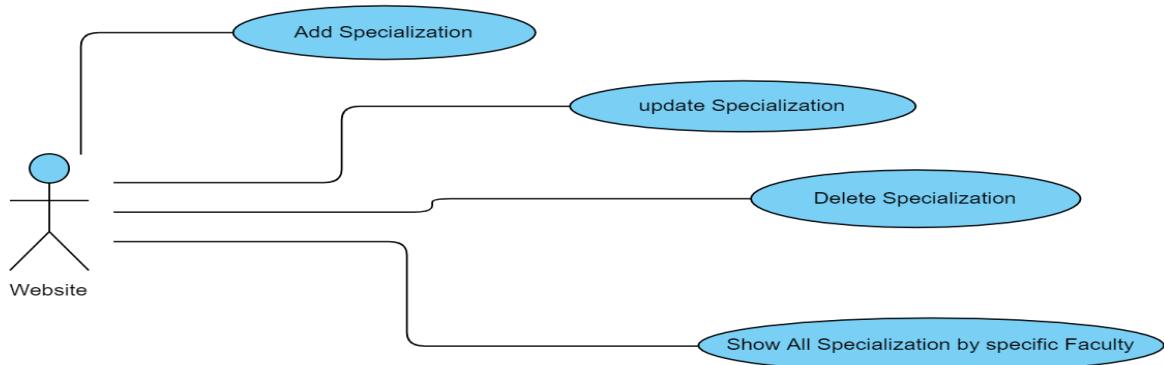


Figure 43: add specialization

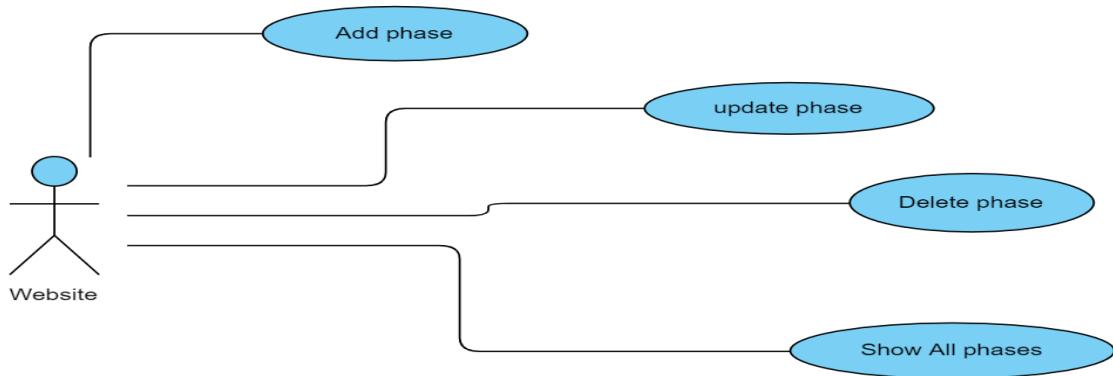


Figure 44: Add Phase

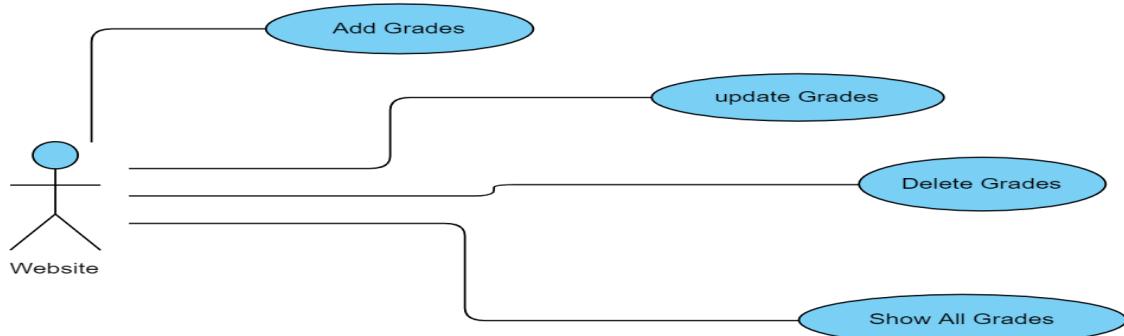


Figure 45: Add Grades

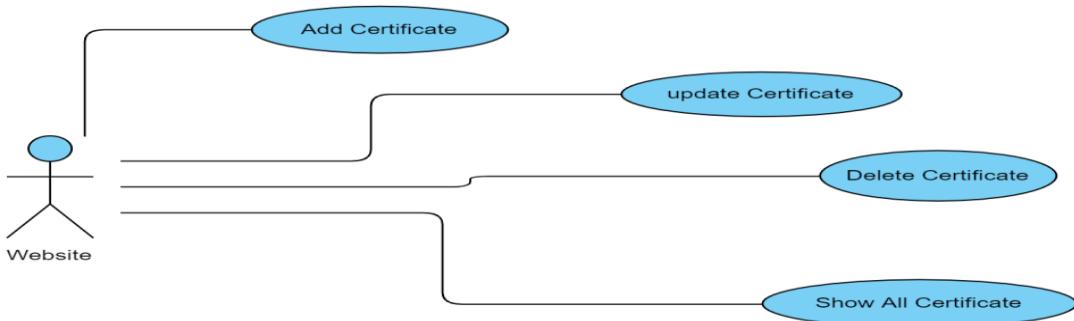


Figure 46: add Certificate

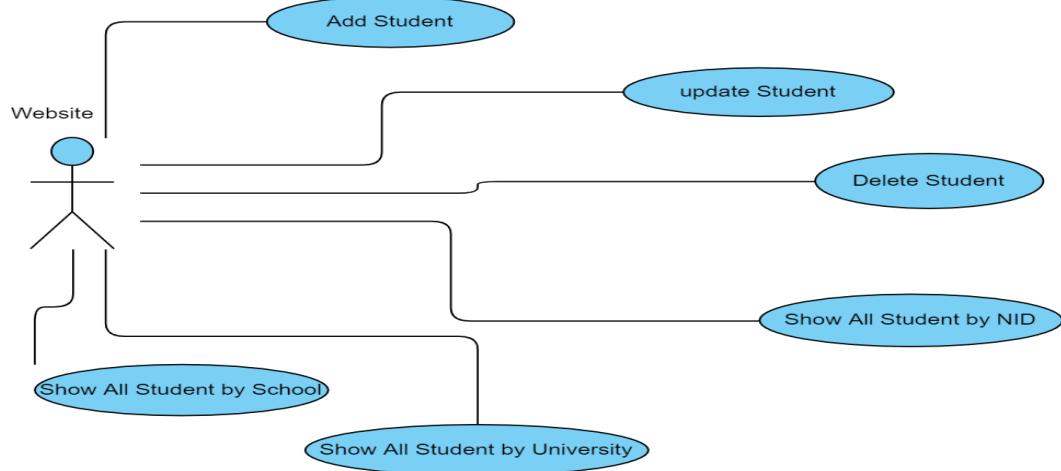


Figure 47: Add Student

3.2.4 ANDROID APP

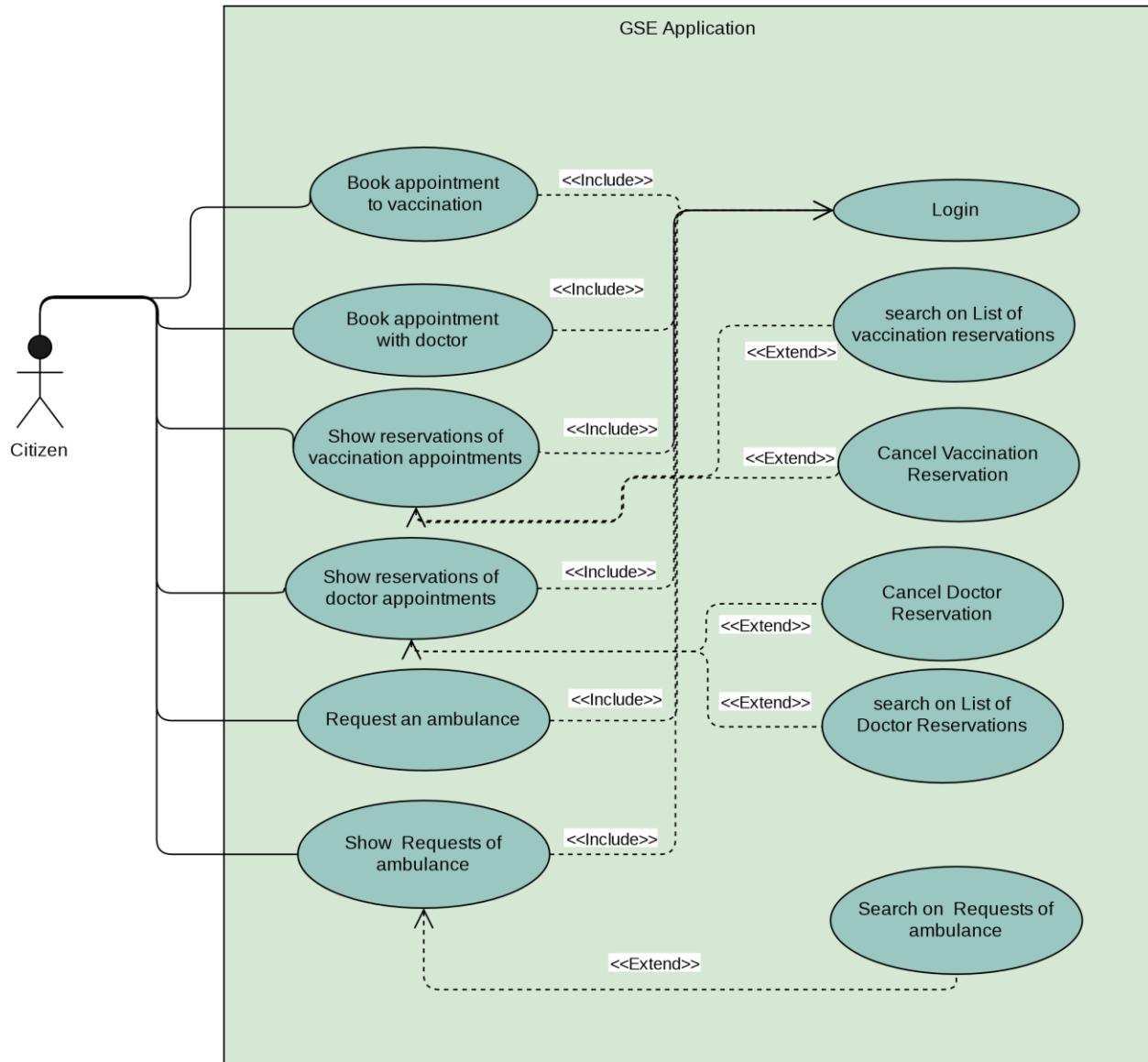


Figure 48: Book Appointment

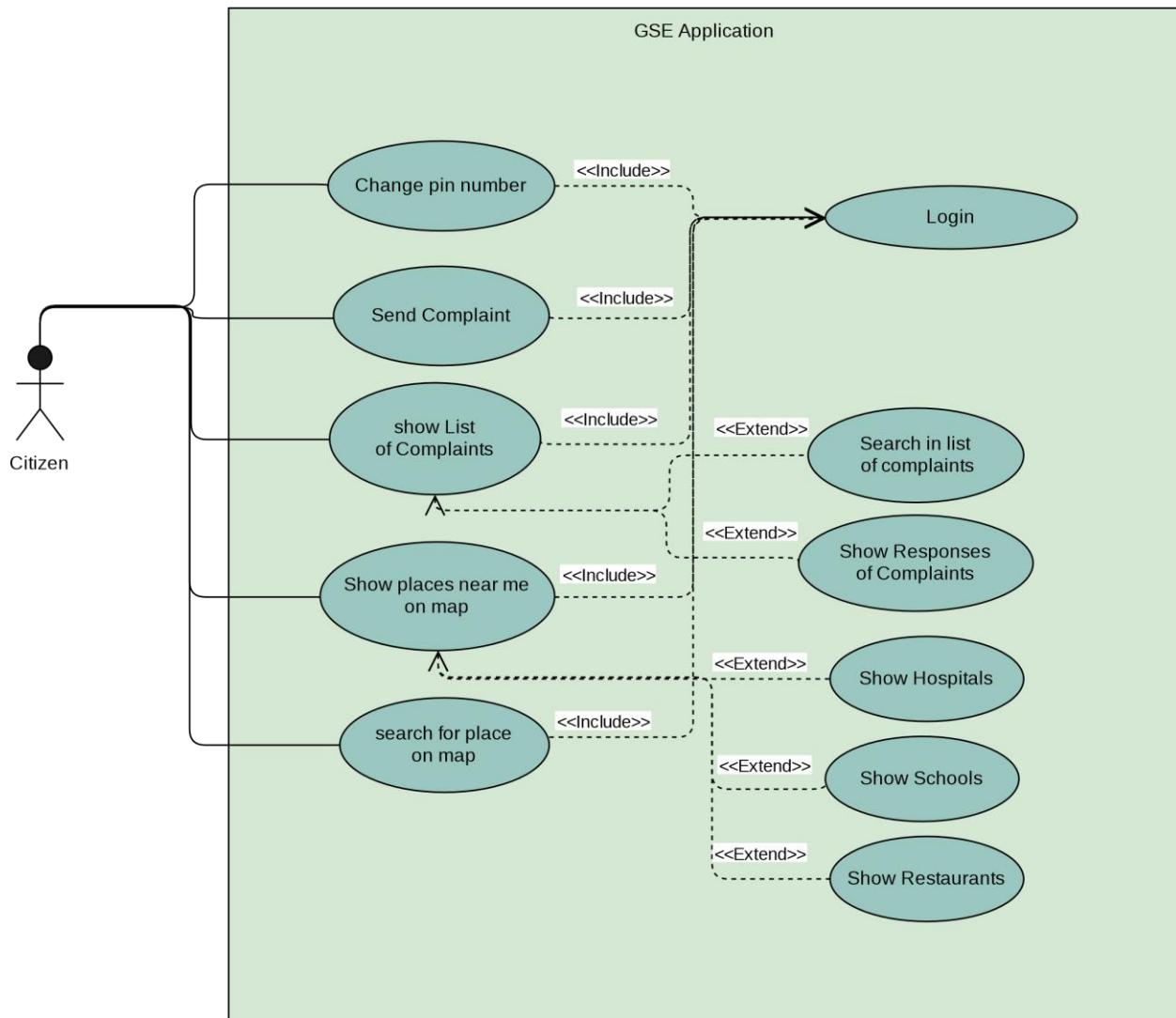


Figure 49: add Complaint

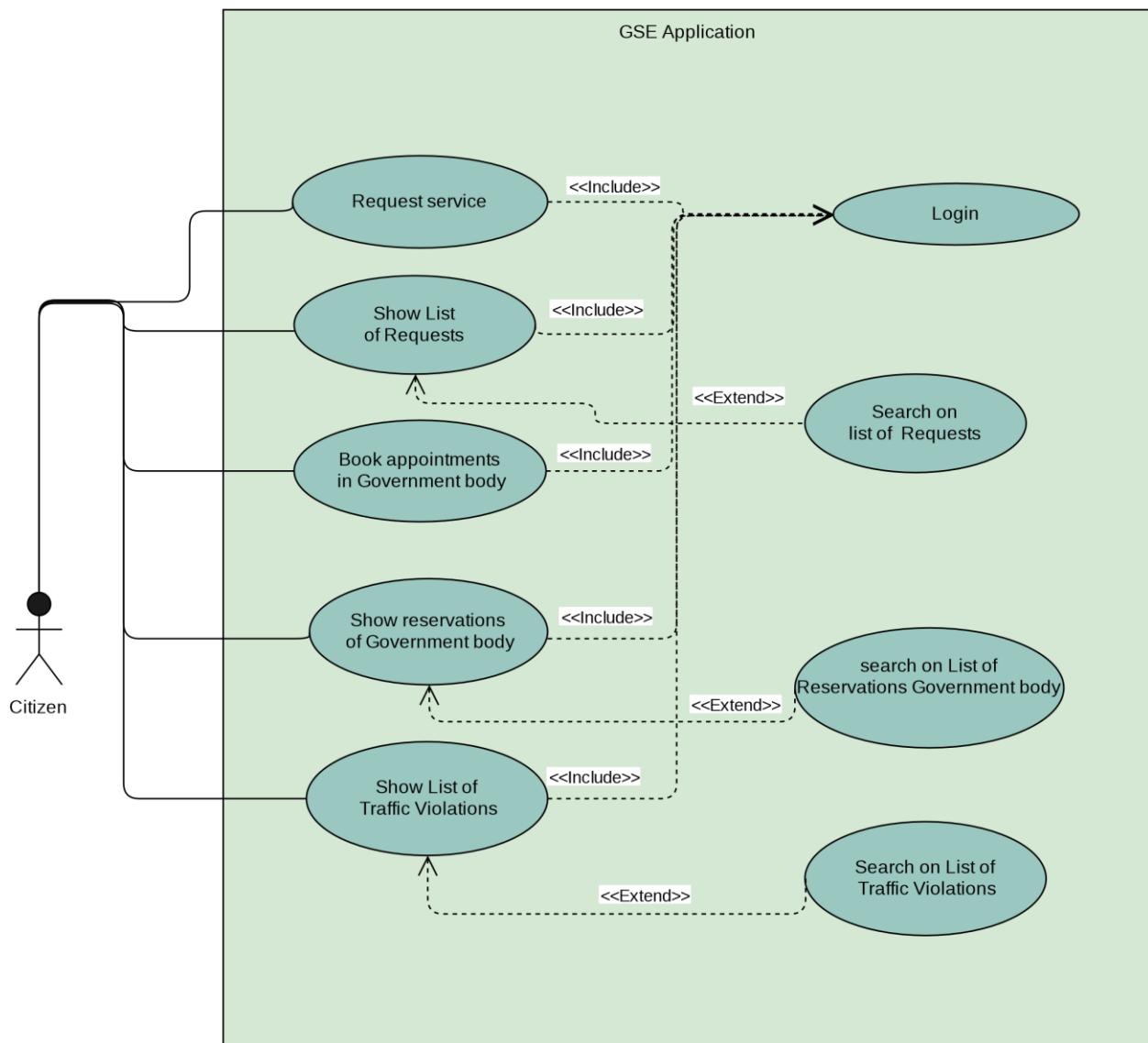


Figure 50: Request Service



3.2.5 ANDROID API

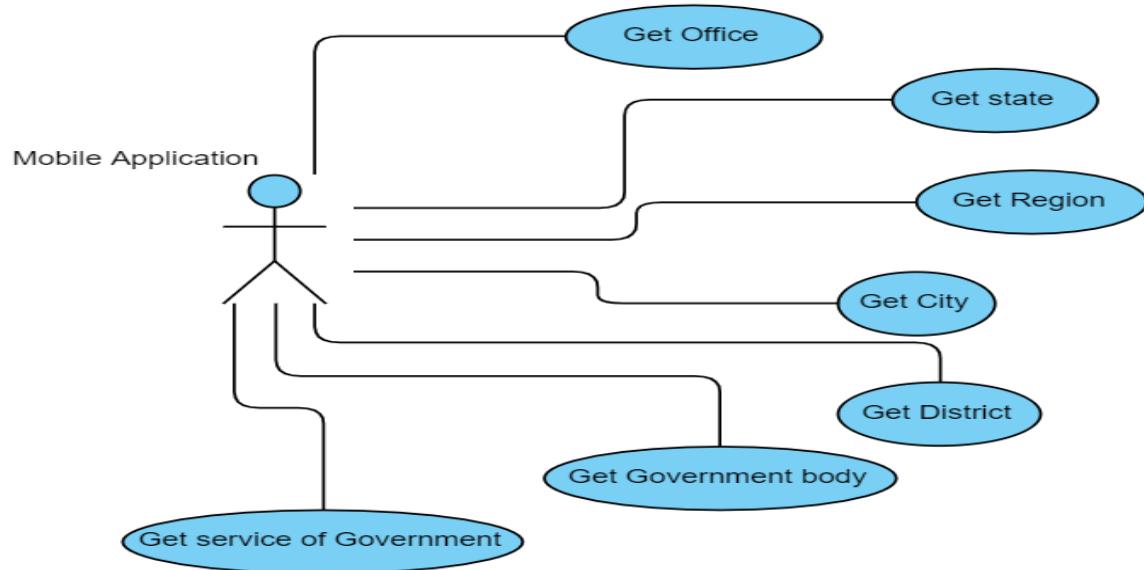


Figure 51: Get Services

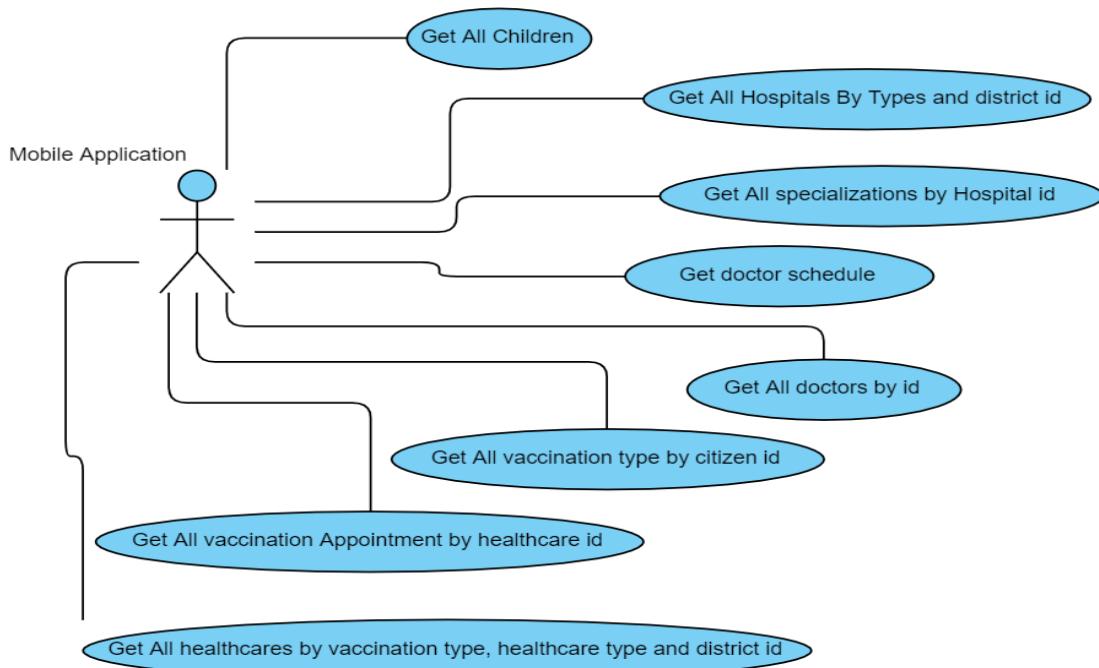


Figure 52: Add new vaccination

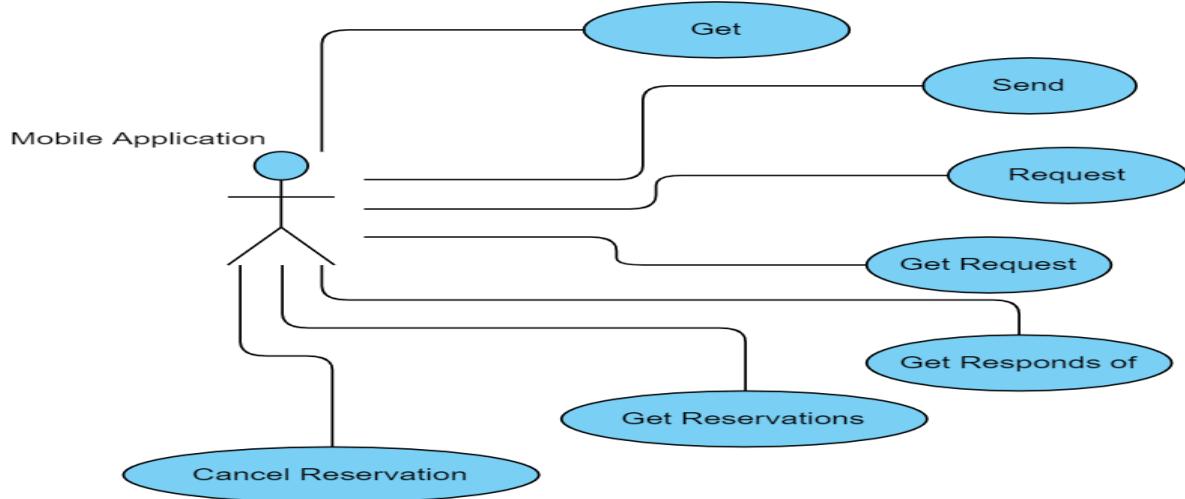


Figure 53: add Reservation

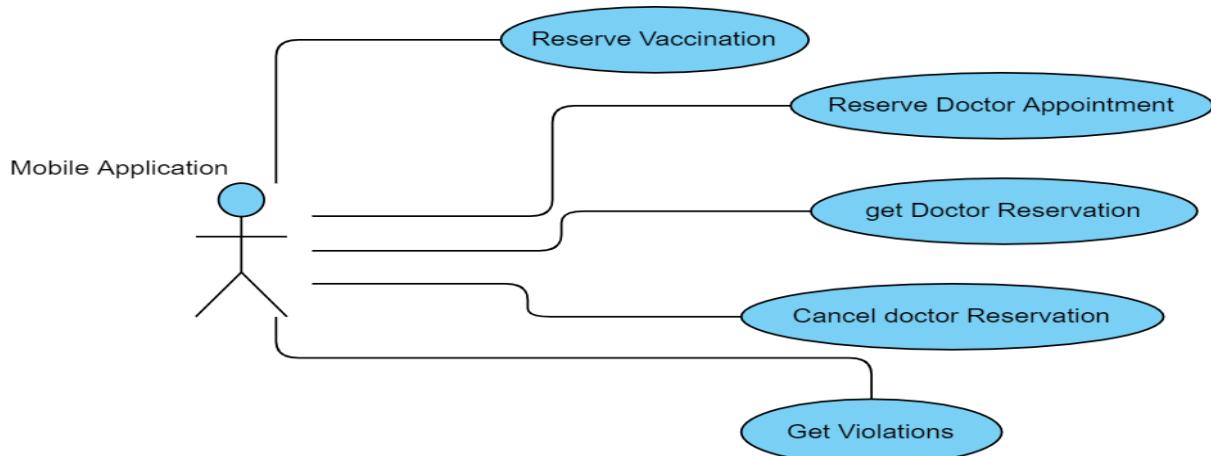


Figure 54: reserve vaccination

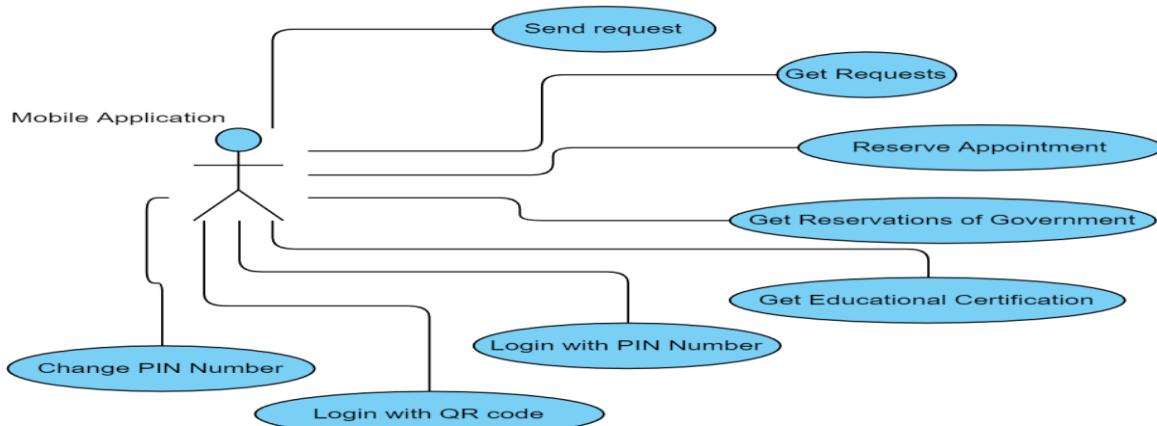


Figure 55: Login



3.3 USE CASE SPECIFICATION TABLES

3.3.1 ATM

Use Case id	GSE-US-1	
Use Case Name	Login	
Initiating Actor	ATM user	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege.
Postconditions		<ul style="list-style-type: none">None.
Exceptions		<ul style="list-style-type: none">None.
		User Steps
		System Steps
Flow of Events	1. The user will choose the language.. 2. The user will fill in the Login fields. 4. The user choose the Ministry.	3. The system will display Ministries page.

Table 1: Login

Use Case id	GSE-US-2	
Use Case Name	Export Birth Certificate	
Initiating Actor	ATM user	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to Export Birth Crtificate.
Postconditions		<ul style="list-style-type: none">The Bith Certificate will be exported.
Exceptions		<ul style="list-style-type: none">None.
		User Steps
		System Steps
Flow of Events	1. The user will choose Ministry of Interior. 2. The system will display MOI Departments.	3. The system will display MOI Services. 4. the user will choose service and and fill the field and click on the button.

Table 2: Export Birth Certificate



Use Case id	GSE-US-3	
Use Case Name	Export Divorce Certificate	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export Divorce Certificate.	
Postconditions	<ul style="list-style-type: none">The Divorce Certificate will be exported.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will choose Ministry of Interior.2. The system will display MOI Departments.3. The system will display MOI Services.4. the user will choose service and fill the field and click on the button.	

Table 3:Export Divorce Certificate

Use Case id	GSE-US-4	
Use Case Name	Export Death Certificate	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export Death Certificate.	
Postconditions	<ul style="list-style-type: none">The Death Certificate will be exported.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will choose Ministry of Interior.2. The system will display MOI Departments.3. The system will display MOI Services.4. the user will choose service and fill the field and click on the button.	

Table 4: Export Death Certificate



Use Case id	GSE-US-5	
Use Case Name	Book an Appointment	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Book an appointment.	
Postconditions	<ul style="list-style-type: none">The Reservation will be done.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	1. The user will choose Ministry of Interior. 2. The system will display MOI Departments.	3. The system will display MOI Services. 4. the user will choose service and and fill the field and click on the button.

Table 5: Book an Appointment

Use Case id	GSE-US-6	
Use Case Name	Export Marriage Certificate	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export Marriage Crtificate.	
Postconditions	<ul style="list-style-type: none">The Marriage Certificate will be exported.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	1. The user will choose Ministry of Interior. 2. The system will display MOI Departments.	3. The system will display MOI Services. 4. the user will choose service and and fill the field and click on the button.

Table 6: Export Marriage Certificate



Use Case id	GSE-US-7								
Use Case Name	Make complaint								
Initiating Actor	ATM user								
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Make complaint.								
Postconditions	<ul style="list-style-type: none">The complaint will be done.								
Exceptions	<ul style="list-style-type: none">None.								
	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The user will choose Ministry of Interior.</td><td></td></tr><tr><td>2. The system will display MOI Departments.</td><td>3. The system will display MOI Services.</td></tr><tr><td></td><td>4. the user will choose service and and fill the field and click on the button.</td></tr></tbody></table>	User Steps	System Steps	1. The user will choose Ministry of Interior.		2. The system will display MOI Departments.	3. The system will display MOI Services.		4. the user will choose service and and fill the field and click on the button.
User Steps	System Steps								
1. The user will choose Ministry of Interior.									
2. The system will display MOI Departments.	3. The system will display MOI Services.								
	4. the user will choose service and and fill the field and click on the button.								
Flow of Events									

Table 7: Make Complaint

Use Case id	GSE-US-8								
Use Case Name	Book an appointment with doctor								
Initiating Actor	ATM user								
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Book an appointment with Doctor.								
Postconditions	<ul style="list-style-type: none">The appointment will be booked.								
Exceptions	<ul style="list-style-type: none">None.								
	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The user will choose Ministry of health.</td><td></td></tr><tr><td>2. The system will display MOH Departments.</td><td>3. The system will display MOH Services.</td></tr><tr><td></td><td>4. the user will choose service and and fill the field and click on the button.</td></tr></tbody></table>	User Steps	System Steps	1. The user will choose Ministry of health.		2. The system will display MOH Departments.	3. The system will display MOH Services.		4. the user will choose service and and fill the field and click on the button.
User Steps	System Steps								
1. The user will choose Ministry of health.									
2. The system will display MOH Departments.	3. The system will display MOH Services.								
	4. the user will choose service and and fill the field and click on the button.								
Flow of Events									

Table 8: Book appointment with doctor



Use Case id	GSE-US-9	
Use Case Name	Show complaints	
Initiating Actor	ATM user	
Preconditions		• The user must be logged in and has the privilege to Show complaints.
Postconditions		• The complaint will be shown.
Exceptions		• None.
	User Steps	System Steps
Flow of Events	1. The user will choose Ministry of Interior.	
	2. The system will display MOI Departments.	3. The system will display MOI Services.
		4. the user will choose service and and fill the field and click on the button.

Table 9:Show complaints

Use Case id	GSE-US-10	
Use Case Name	Book an appointment for vaccination.	
Initiating Actor	ATM user	
Preconditions		• The user must be logged in and has the privilege to Book an appointment for vaccination.
Postconditions		• The appointment will be booked.
Exceptions		• None.
	User Steps	System Steps
Flow of Events	1. The user will choose Ministry of health.	
	2. The system will display MOH Departments.	3. The system will display MOH Services.
		4. the user will choose service and and fill the field and click on the button.

Table 10: Book appointment for vaccination



Use Case id	GSE-US-11	
Use Case Name	Export school certificate.	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to export a school certificate.	
Postconditions	<ul style="list-style-type: none">The appointment will be booked.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will choose Ministry of education.2. The system will display MOE Departments.	
	<ol style="list-style-type: none">3. The system will display MOE Services.4. the user will choose service and and fill the field and click on the button.	

Table 11: Export cshool certificate

Use Case id	GSE-US-12	
Use Case Name	List the appointments with doctor.	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to List an appointment for vaccination.	
Postconditions	<ul style="list-style-type: none">The appointment will be Listed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will choose Ministry of health.2. The system will display MOH Departments.	
	<ol style="list-style-type: none">3. The system will display MOH Services.4. the user will choose service and and fill the field and click on the button.	

Table 12: List appointment with doctor



Use Case id	GSE-US-13	
Use Case Name	Export university certificate.	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to export a university certificate.The appointment will be booked.	
Postconditions		
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	1. The user will choose Ministry of education. 2. The system will display MOE Departments.	3. The system will display MOE Services. 4. the user will choose service and fill the field and click on the button.

Table 13: export university certificate

3.3.2 ATM API

Use Case id	GSE-US-14	
Use Case Name	Get state	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">ATM user has the URL of service 'Get State'the server will return json file contain all states in the database	
Postconditions		
Exceptions	<ul style="list-style-type: none">none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request. 2. System take request and get requested function. 3. System return json file contain all state from database, if there is no data in database system will return empty json file.	

Table 14: Get state



Use Case id	GSE-US-15	
Use Case Name	Get Region	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get Region' and id of city.	
Postconditions	<ul style="list-style-type: none">• the server will return json file contain all Regions specified by city	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set parameter of this requested function 'Cid' is the id of specific city.2. System take request and get matched with requested function3. System return json file contain all regions of specific city from database, if there is no data system will return empty json file.	

Table 15: Get Region

Use Case id	GSE-US-16	
Use Case Name	Get District	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get District' and id of region .	
Postconditions	<ul style="list-style-type: none">• the server will return json file contain all districts specified by region	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set parameter of this requested function 'Rid' is the id of specific region '.2. System take request and get matched with requested function.	

Table 16: Get District



Use Case id	GSE-US-17	
Use Case Name	Get City	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get City' and id of state.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain all Cities specified by state.	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this requested function 'Sid' is the id of specific state.	
	<ol style="list-style-type: none">2. System take request and get matched with requested function	
Flow of Events	<ol style="list-style-type: none">3. System return json file contain all cities of specified state from database, if it is no data system will return empty json file.	

Table 17: Get City

Use Case id	GSE-US-18	
Use Case Name	Get Government Body	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get Government Body'.	
Postconditions	<ul style="list-style-type: none">• the server will return json file contain all Government body in the database	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request.	
	<ol style="list-style-type: none">2. System take request and get matched with requested function.	
Flow of Events	<ol style="list-style-type: none">3. System return json file contain all government body from database, if there is no data in database system will return empty json file.	

Table 18: Get government body



Use Case id	GSE-US-19	
Use Case Name	Get services of Government Body	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get service of Gov' and id of specified government body.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain all services specified by government body.	
Exceptions	<ul style="list-style-type: none">• none..	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Govid' is the id of specific government body.2. System take request and get matched with requested function.	

Table 19: Get services of government body

Use Case id	GSE-US-20	
Use Case Name	Get civil registry offices	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get civil registry offices' and id of specified district.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain all offices specified by district id.	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Did' is the id of specific district.2. System take request and get matched with requested function.3. System return json file contain all civil registry offices from database, if there is no data system will return empty json file.	

Table 20: Get civi Registry office



Use Case id	GSE-US-21	
Use Case Name	Get all children	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get all children' and id of citizen.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain all children specified by citizen id.	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'FId' is the id of specific citizen.2. System take request and get matched with requested function.3. System return json file contain all citizens from database that father id equal parameter 'Fid', if there is no data, the system will return empty json file.	

Table 21: get all children

Use Case id	GSE-US-22	
Use Case Name	Get All Hospitals By Types And District Id	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get All Hospitals By Types And District Id' and id of specified type and id of specified district.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain all hospitals names, and Ids.	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'tid' is the id of specific healthcare type and 'dis' is the id of specific district.2. System take request and get matched with requested function.3. System return json file contain all healthcare Ids and names from database that district id equal parameter 'dis'	

Table 22: Get all hospitals by types and district id



Use Case id	GSE-US-23	
Use Case Name	Get complaint	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'GetComplain' and id of citizen.	
Postconditions	• The server will return json file contain all complaints, specified by citizen id.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	<ol style="list-style-type: none">2. System take request and get matched with requested function.
		<ol style="list-style-type: none">3. System return json file contain all complaints that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.

Table 23: Get Complaints

Use Case id	GSE-US-24	
Use Case Name	Get Requests Ambulance	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'Get Request Ambulance' and id of citizen.	
Postconditions	• The server will return json file contain all requests of ambulance, specified by citizen id.	
Exceptions	• ATM user .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	<ol style="list-style-type: none">2. System take request and get matched with requested function.
		<ol style="list-style-type: none">3. System return json file contain all requests of ambulance that send by citizen from database

Table 24: get request Ambulance



Use Case id	GSE-US-25	
Use Case Name	Get Responds of complaints	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get Respond' and id of specified complaint.• The server will return json file contain respond text and date of respond, specified by complaint id.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific complaint.	
	2. System take request and get matched with requested function.	
Flow of Events	3. System return json file contain all requests of ambulance that send by citizen from database that specified complaint id equal parameter 'cId', if there is no data, the system will return empty json file.	

Table 25: Get responds of complaints

Use Case id	GSE-US-26	
Use Case Name	Get Vaccination Reservations	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'GetVaccinationReservations' and id of citizen.• The server will return json file contain vaccination reservations, specified by citizen id.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none	
	User Steps	System Steps
	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen.	
	2. System take request and get matched with requested function.	
Flow of Events	3. System return json file contain all vaccination reservation that send by citizen from database	

Table 26: Get vaccination reservation



Use Case id	GSE-US-27	
Use Case Name	Get All Vaccination Type By child id	
Initiating Actor	ATM user	
Preconditions	<ul style="list-style-type: none">• ATM user has the URL of service 'Get All VaccinationType By CitizenId' and id of child.	
Postconditions	<ul style="list-style-type: none">• The server will return json file contain vaccination types names and Ids, specified by child id.	
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cti' is the id of specified child.2. System take request and get matched with requested function.3. System return json file contain all vaccination types names and Ids that child must vaccinate by it from database that child id must equal parameter 'cti', if there is no data, the system will return empty json file.	

Table 27: Get All vaccination type by child id



Use Case id	GSE-US-28	
Use Case Name	Get All HealtCares ByVaccinationType HealthcareType And DistrictId	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'Get All HealtCares ByVaccinationType HealthcareType And DistrictId' and id of specified healthcare type , id of specified vaccination type ,and id of specified district	
Postconditions	• The server will return json file contain all healthcare names and Ids.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'HCTId' is the id of specified healthcare type, 'VtId' is the id of specified vaccination type and 'Did' is the id of specified district. 2. System take request and get matched with requested function.	3. System return json file contain all healthcare names and Ids from database that healthcare type id must equal parameter 'HCTId', vaccination type id must equal parameter 'VtId', and district id must equal parameter 'Did', if there is no data, the system will return empty json file.

Table 28: Get all healthcare by vaccination type healthcaretype and districtid



Use Case id	GSE-US-29	
Use Case Name	Get Doctor Reservations	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'GetDoctorReservations' and id of citizen.	
Postconditions	• The server will return json file contain Doctor reservations, specified by citizen id.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen. 2. System take request and get matched with requested function. 3. System return json file contain all doctor reservation that send by citizen from database that citizen id must equal parameter 'citizenid', if there is no data, the system will return empty json file.	

Table 29: get doctor reservation

Use Case id	GSE-US-30	
Use Case Name	Request Ambulance	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'Request Ambulance' and id of citizen 'details, latitude and longitude.'	
Postconditions	• The server will return successful message.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of citizen, 'lat' is the latitude , 'long' is the longitude ,and 'details' is the details of request . 2. System take request and get matched with requested function. 3. System return successful message 'The request has been sent successfully. We will arrive soon'.	

Table 30: Request ambulance



Use Case id	GSE-US-31	
Use Case Name	Send Complaint	
Initiating Actor	ATM user	
Preconditions	• ATM user has the URL of service 'Send Complaint' and id of citizen ,id of government body ,and complaint text and may include citizen national id	
Postconditions	• The server will return successful message.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Id' is the id of citizen, 'GovId' is id of specified government body,'comText' is the complaint text ,and may include 'NId' is the national id of citizen .2. System take request and get matched with requested function.3. System return successful message 'Complaint has been sent successfully', if missing any parameter the system return fail message 'Try again later'.	

Table 31:Send complaints

Use Case id	GSE-US-32	
Use Case Name	Cancel Vaccination Reservations	
Initiating Actor	ATM user	
Preconditions	• Mobile application has the URL of service 'Cancel Vaccination Reservations' id of citizen ,and id of specified vaccination reservation.	
Postconditions	• The server will return successful message.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen, and 'VaccReservation_id' is the id of specified vaccination reservation .,2. System take request and get matched with requested function.3. System return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.	

Table 32: Cancel vaccination reservation



Use Case id	GSE-US-33	
Use Case Name	Cancel Doctor Reservations	
Initiating Actor	ATM user • ATM user has the URL of service 'Cancel Doctor Reservations' id of citizen and id of specified Doctor reservation.	
Preconditions	• The server will return successful message.	
Postconditions		
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen, and 'Reservation_id' is the id of specified doctor reservation.2. System take request and get matched with requested function.3. System return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.	

Table 33: cancel doctor reservation

Use Case id	GSE-US-34	
Use Case Name	Get Violations	
Initiating Actor	ATM user • ATM user has the URL of service 'Get Violations' and id of citizen.	
Preconditions		
Postconditions	• The server will return json file contain all violations, specified by citizen id.	
Exceptions	• ATM user .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of citizen.2. System take request and get matched with requested function.3. System return json file contain all violations from database that citizen id must equal parameter 'cId', if there is no data, the system will return empty json file.	

Table 34: get violation



Use Case id	GSE-US-35	
Use Case Name	Reserve Vaccination	
Initiating Actor	ATM user <ul style="list-style-type: none">• ATM user has the URL of ' Reserve Vaccination ' and id of citizen ,id of specified child , id of specified vaccination type ,id of specified health care , and id of specified appointment .• The server will return successful message.	
Preconditions		
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Citizen_id' is the id of citizen,'child_id' is id of specified child,'VaccinationType_id' is the id of specified vaccination type, and 'HealthCare_id' id of specified HealthCare, and 'schedule' is id of specified appointment.	2. System take request and get matched with requested function.
		3. The system will send e-mail send to citizen includes details and return Successful message 'Successfully reserved check your email '.
		4. If the citizen already reserves on this day the system will return message ' you are already reserved on this day '.
		5. If day is get full the system will return message ' day is full choose another day ".

Table 35: Reserve vaccination



Use Case id	GSE-US-36	
Use Case Name	Reserve Doctor Appointment	
Initiating Actor	ATM user <ul style="list-style-type: none">• ATM user has the URL of service 'Reserve Doctor Appointment' and id of citizen ,id of specified doctor, id of specified healthcare, and id of specified appointment.• The server will return successful message.• none.	
Preconditions		
Postconditions		
Exceptions		
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Citizen_id' is the id of citizen,'hospital_id' is id of specified healthcare,'doctor_id' is the id of specified doctor ,and 'schedule' is id of specified appointment.2. System take request and get matched with requested function.3. The system will send e-mail to citizen includes details and return Successful message 'Successfully reserved check your email '.4. If the citizen already reserves on this day the system will return message ' you are already reserved on this day '.5. If day is get full the system will return message ' day is full choose another day'.	

Table 36: Reserve doctor appointment



Use Case id	GSE-US-37	
Use Case Name	Get Requests	
Initiating Actor	ATM user • ATM user has the URL of service 'Get Requests' and id of citizen.	
Preconditions		
Postconditions		
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'request_citizenId' is the id of citizen.2. System take request and get matched with requested function.3. System return json file contain all services requests that send by citizen from database that citizen id must equal parameter 'request_citizenId', if there is no data, the system will return empty json file.	

Table 37: get requests

Use Case id	GSE-US-38	
Use Case Name	Get Reservations of Gov	
Initiating Actor	ATM user • ATM user has the URL of service 'Get Reservations of Gov' and id of citizen.	
Preconditions		
Postconditions	• The server will return json file contain all government body Reservations, specified by citizen id.	
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'reservation_citizen_id' is the id of citizen.2. System take request and get matched with requested function.3. System return json file contain all government body reservations that send by citizen from database.	

Table 38:get reservation of government



Use Case id	GSE-US-39	
Use Case Name	Send Request	
Initiating Actor	ATM user <ul style="list-style-type: none">• ATM user has the URL of service 'Send Request' and id of citizen ,address of place of receive, language of document, quantity , id of government body and id of service	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	1. ATM user use volley library that take server URL to send request and set the parameter of this function 'request_citizenId' is the id of citizen, 'address' is place of receive request,'language' is language is of document,'quantity' is number of copies,'service' is id of specified service, and 'governmentAgency' is id of specified government body.	
		2. System take request and get matched with requested function.
		3 The system will return successful message 'Successful send'. 4.if the citizen already reserves this service the system will return message 'Already requested the same service '.

Table 39: send request



Use Case id	GSE-US-40	
Use Case Name	Reserve Appointment	
Initiating Actor	ATM user • ATM user has the URL of service ' Reserve Appointment ' and id of citizen ,date of appointment, office of government body , and service	
Preconditions	• The server will return successful message.	
Postconditions		
Exceptions	• none.	
	User Steps	System Steps
Flow of Events	<p>1. ATM user use volley library that take server URL to send request and set the parameter of this function'reservation_citizenId' is the id of citizen,'reservation_date' is dateofappointment,'reservation_office_id' is id of specified office, and 'service' is id of specified service.</p> <p>2. System take request and get matched with requested function.</p> <p>3 System will return successful message 'Successful Reserved'.</p> <p>4. If the day full the system returns message ' day full, choose another day'.</p> <p>5. If the citizen has already reservation in this day and in same office, the system will return 'you have reserved in this office once at that date '.</p>	

Table 40: Reserve appointment



Use Case id	GSE-US-41	
Use Case Name	Change Pin Number	
Initiating Actor	ATM user <ul style="list-style-type: none">• ATM user has the URL of service 'Change Pin Number' and id of citizen,	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenId' is the id of citizen, 'new_pass' is new pin number2. System take request and get matched with requested function.3. System encrypt new pin number and select citizen by id and change pin number by new pin number.4.if system change pin number the system will return message 'Successful change pin Number', if system can't select citizen then system return 'can't change pin number'	

Table 41: change pin number



Use Case id	GSE-US-42	
Use Case Name	Login with Pin Number	
Initiating Actor	ATM user	<ul style="list-style-type: none">• ATM user has the URL of service 'Login with Pin Number', national id, and pin number.
Preconditions		<ul style="list-style-type: none">• The server will return json file contain citizen data.
Postconditions		
Exceptions		<ul style="list-style-type: none">• none.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenNId' is the national id of citizen, 'Login_Password' is pin number	<ol style="list-style-type: none">2. System take request and get matched with requested function.
		<ol style="list-style-type: none">3. System encrypt pin number and try to get citizen has this national id and pin number4. if system find citizen will return json contain citizen data5. if system can't find citizen will return empty json file

Table 42: login with pin number



Use Case id	GSE-US-43	
Use Case Name	Login With QR code	
Initiating Actor	ATM user <ul style="list-style-type: none">• v has the URL of service 'Login With QR code', national id, and QR code.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain citizen data.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenNId' is the national id of citizen, 'Login_QRcode' is QR code2. System take request and get matched with requested function.3. System try to get citizen has this national id and QR code4.if system find citizen will return json contain citizen data5.if system can't find citizen will return empty json file	

Table 43: Login with QR code

Use Case id	GSE-US-44	
Use Case Name	Get All Sepc By HospitalId	
Initiating Actor	ATM user <ul style="list-style-type: none">• ATM user has the URL of service ' Get All Sepc By HospitalId ' and id of healthcare	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain all specialization names, and Ids.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• none.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. ATM user use volley library that take server URL to send request and set the parameter of this function 'hid' is the id of specified healthcare.2. System take request and get matched with requested function.3. System return json file contain all specialization names and Ids from database that healthcare id must equal parameter 'hid', if there is no data, the system will return empty json file.	

Table 44: Get all specialization by hospital id



Use Case id	GSE-US-45	
Use Case Name	Get schedule Doctor	
Initiating Actor	ATM user	<ul style="list-style-type: none"> ATM user has the URL of service 'Get schedule Doctor' and id of doctor
Preconditions		<ul style="list-style-type: none"> The server will return json file contain all doctor appointments in healthcare.
Postconditions		
Exceptions		<ul style="list-style-type: none"> none.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> ATM user use volley library that take server URL to send request and set the parameter of this function 'docId' is the id of specified doctor. 	
		<ol style="list-style-type: none"> System take request and get matched with requested function.
		<ol style="list-style-type: none"> System return json file contain all doctor appointments from database that doctor id must equal parameter 'docId', if there is no data, the system will return empty json file.

Table 45: gdet schedule doctor

Use Case id	GSE-US-46	
Use Case Name	Get All doctors By SpecId	
Initiating Actor	ATM user	ATM user has the URL of service 'Get All doctors By SpecId' and id of specialization and id of healthcare
Preconditions		<ul style="list-style-type: none"> The server will return json file contain all doctor names and Ids.
Postconditions		
Exceptions		<ul style="list-style-type: none"> none.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> ATM user use volley library that take server URL to send request and set the parameter of this function 'sid' is the id of specified specialization, and 'hoss' is id of specified healthcare. System take request and get matched with requested function. System return json file contain all doctor names and Ids from database that specialization id must equal parameter 'sid' and healthcare id must equal parameter 'hoss', if there is no data, the system will return empty json file. 	

Table 46: get all doctor by specialization id



3.3.3 WEB APPLICATION

Use Case id	GSE-US-47	
Use Case Name	Add new citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new citizen.	
Postconditions	<ul style="list-style-type: none">A Summary is displayed and the Citizen is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding citizen fields.2. The user clicks the next button.3. The system will display a summary page.4. The user Click on submit button.6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.7. If the user repeated the National ID, the system will display a warning message ‘this National ID already exists’.	

Table 47: Add new citizen

Use Case id	GSE-US-48	
Use Case Name	Update Citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update Citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the Citizen is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the Citizen information.3. The user clicks on the ‘Update’ button.4. The system will display a confirmation message.7. The system will display a successful message ‘Standard updated successfully’.8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 48: Update citizen



Use Case id	GSE-US-49	
Use Case Name	Delete Citizen	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete Citizen.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the Citizen is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select the citizen to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of citizen to be deleted.2. The user clicks 'Delete' button.	<ol style="list-style-type: none">2. The system will display a confirmation message.4. The system will display a successful message 'Standard updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 49:delete citizen

Use Case id	GSE-US-50	
Use Case Name	Search for a Citizen	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the Citizen page.
Postconditions		<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.	<ol style="list-style-type: none">2. The system will display the matched citizen with the text entered.

Table 50: Search for a citizen



Use Case id	GSE-US-51	
Use Case Name	Show all Citizens	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the citizens page.	
Postconditions	<ul style="list-style-type: none">All citizens data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will click on 'Add Citizen' in the menu.	2. The system will view the show all citizens page and displays all the citizens data that are not deleted.

Table 51: Show all citizen

Use Case id	GSE-US-52	
Use Case Name	Export & Print Birth Certificate	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export & print birth certificate page.	
Postconditions	<ul style="list-style-type: none">Birth certificate is exported then printed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will click on 'Export birth certificate' in the menu.	2. The system will view birth certificate page.
		4. the system will display the matched birth certificate.
		5. the user clicks on print button.
	3. The user will click on the search text field.	6. the system will print The Certificate.

Table 52: Add new citizen



Use Case id	GSE-US-53	
Use Case Name	Export & Print marriage Certificate	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export & print Marriage certificate page.	
Postconditions	<ul style="list-style-type: none">Marriage certificate is exported then printed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will click on 'Export Marriage certificate' in the menu.	4. The system will display the matched Marriage certificate with the text entered
	2. The system will view Marriage certificate page.	5. the user click on 'Print' button.
		6. the system will print The Marriage Certificate.
	3. The user will click on the search text field.	

Table 53:export Marriage certificate

Use Case id	GSE-US-54	
Use Case Name	Export & Print death Certificate	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export & print death certificate page.	
Postconditions	<ul style="list-style-type: none">death certificate is exported then printed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will click on 'Export death certificate' in the menu.	
	2. The system will view death certificate page.	4. The system will display the matched death certificate with the text entered.
		5. the user click on 'Print' button.
	3. The user will click on the search text field.	6. the system will print The Death Certificate.

Table 54: Export death Certificate



Use Case id	GSE-US-55	
Use Case Name	Export & Print divorce Certificate	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Export & print divorce certificate page.	
Postconditions	<ul style="list-style-type: none">divorce certificate is exported then printed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will click on 'Export divorce certificate' in the menu.	4. The system will display the matched divorce certificate with the text entered.
	2. The system will view divorce certificate page.	5. the user click on 'Print' button.
	3. The user will click on the search text field.	6. the system will print divorce Certificate.

Table 55: Export Divorce Certificate

Use Case id	GSE-US-56	
Use Case Name	Add new state	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new state.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the state is added.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will fill in the adding state fields.	
	2. The user clicks on the 'add' button.	3. The system will display a successful message 'state is added successfully'.
		6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 56: Add new State



Use Case id	GSE-US-57	
Use Case Name	Update state	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update state.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the state is updated.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the state information.3. The user clicks on the 'Update' button.	<ol style="list-style-type: none">4. The system will display a confirmation message.
		<ol style="list-style-type: none">7. The system will display a successful message 'state updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 57:Update state

Use Case id	GSE-US-58	
Use Case Name	Delete state	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete state.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the state is deleted.
Exceptions		<ul style="list-style-type: none">If the state did not select user to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of state to be deleted.	<ol style="list-style-type: none">2. The system will display a confirmation message.
	<ol style="list-style-type: none">3. The user clicks 'Delete' button.	<ol style="list-style-type: none">4. The system will display a successful message 'state updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 58: Delete State



Use Case id	GSE-US-59	
Use Case Name	Show state	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the state page.	
Postconditions	<ul style="list-style-type: none">All state data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<p>1. The user will click on 'Add state' in the menu.</p> <p>2. The system will view the show all users page and displays all the states data that are not deleted.</p>	

Table 59: Show state

Use Case id	GSE-US-60	
Use Case Name	Add new city	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new city.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the city is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<p>1. The user will fill in the adding city fields.</p> <p>2. The user clicks on the 'add' button.</p> <p>3. The system will display a successful message 'city is added successfully'.</p> <p>6. If the user has left the fields empty, the system will display a warning message "The form is not valid".</p>	

Table 60: Add new City



Use Case id	GSE-US-61	
Use Case Name	Update city	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update city.A successful message is displayed and the city is updated.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
	1. The user will click on the update icon. 2. The user edit the city information. 3. The user clicks on the ‘Update’ button.	
Flow of Events	4. The system will display a confirmation message. 7. The system will display a successful message ‘city updated successfully’. 8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 61: Update city

Use Case id	GSE-US-62	
Use Case Name	Delete city	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete city.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the city is deleted.	
Exceptions	<ul style="list-style-type: none">If the state did not select city to be deleted.	
	User Steps	System Steps
	1. The user will click on the Delete icon of city to be deleted. 2. The system will display a confirmation message.	
Flow of Events	3. The user clicks ‘Delete’ button. 4. The system will display a successful message ‘city updated successfully’. 5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 62: Delete city



Use Case id	GSE-US-63	
Use Case Name	Show city	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the city page.	
Postconditions	<ul style="list-style-type: none">All city data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<p>1. The user will click on 'Add city' in the menu.</p> <p>2. The system will view the show all city page and displays all the city data that are not deleted.</p>	

Table 63: Show City

Use Case id	GSE-US-64	
Use Case Name	Add new region	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new region.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the region is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<p>1. The user will fill in the adding region fields.</p> <p>2. The user clicks on the 'add' button.</p> <p>3. The system will display a successful message 'region is added successfully'.</p> <p>6. If the user has left the fields empty, the system will display a warning message "The form is not valid".</p>	

Table 64: Add new Region



Use Case id	GSE-US-65	
Use Case Name	Update region	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update region.A successful message is displayed and the region is updated.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
	1. The user will click on the update icon.	
	2. The user edit the region information.	
Flow of Events	3. The user clicks on the ‘Update’ button.	4. The system will display a confirmation message.
		7. The system will display a successful message ‘region updated successfully’.

Table 65:Update Region

Use Case id	GSE-US-66	
Use Case Name	Delete region	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete region.A successful message is displayed and the region is deleted.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the state did not select region to be deleted.	
	User Steps	System Steps
	1. The user will click on the Delete icon of region to be deleted.	
Flow of Events	2. The system will display a confirmation message.	
	3. The user clicks ‘Delete’ button.	4. The system will display a successful message ‘region updated successfully’.
		5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 66: Delete Region



Use Case id	GSE-US-64	
Use Case Name	Show region	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the region page.
Postconditions		<ul style="list-style-type: none">All region data that are not deleted will be displayed.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will click on 'Add region' in the menu.	2. The system will view the show all region page and displays all the region data that are not deleted.

Table 67: Show Region

Use Case id	GSE-US-68	
Use Case Name	Add new district	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new district.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the district is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will fill in the adding district fields. 2. The user clicks on the 'add' button.	3. The system will display a successful message 'district is added successfully'. 6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 68: Add new District



Use Case id	GSE-US-69	
Use Case Name	Update district	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update district.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the district is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
	1. The user will click on the update icon.	
	2. The user edit the district information.	
Flow of Events	3. The user clicks on the ‘Update’ button.	4. The system will display a confirmation message.
		7. The system will display a successful message ‘district updated successfully’.
		8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 69: update District

Use Case id	GSE-US-70	
Use Case Name	Delete district	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete district.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the district is deleted.	
Exceptions	<ul style="list-style-type: none">If the state did not select district to be deleted.	
	User Steps	System Steps
	1. The user will click on the Delete icon of district to be deleted.	
Flow of Events		2. The system will display a confirmation message.
	3. The user clicks ‘Delete’ button.	4. The system will display a successful message ‘district updated successfully’.
		5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 70: Delete District



Use Case id	GSE-US-71	
Use Case Name	Show district	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the district page.
Postconditions		<ul style="list-style-type: none">All district data that are not deleted will be displayed.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will click on 'Add district' in the menu.	2. The system will view the show all district page and displays all the district data that are not deleted.

Table 71: show District

Use Case id	GSE-US-72	
Use Case Name	Add new user type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new user type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the user type is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will fill in the adding user type fields.	3. The system will display a successful message 'user type added successfully'.
	2. The user clicks on the 'add' button.	6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 72: Add new User Type



Use Case id	GSE-US-73	
Use Case Name	Add new document type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none"> The user must be logged in and has the privilege to Add new document type.
Postconditions		<ul style="list-style-type: none"> A successful message is displayed and the document type is added.
Exceptions		<ul style="list-style-type: none"> None.
Flow of Events	User Steps	System Steps
	<p>1. The user will fill in the adding document type fields.</p> <p>2. The user clicks on the ‘add’ button.</p>	<p>3. The system will display a successful message ‘document type added successfully’.</p> <p>6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.</p>

Table 73: Add new Document Type

Use Case id	GSE-US-74	
Use Case Name	Update document type	
Initiating Actor	User	
Preconditions		• The user must be logged in and has the privilege to update document type.
Postconditions		• A successful message is displayed and the healthcare type is updated.
Exceptions		• If the user did not fill in the required fields .
	User Steps	System Steps
	1. The user will click on the update icon.	
	2. The user edit the document type information.	
Flow of Events	3. The user clicks on the ‘Update’ button.	4. The system will display a confirmation message.
		7. The system will display a successful message ‘document type updated successfully’.
		8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 74: Update document type



Use Case id	GSE-US-75	
Use Case Name	Delete document type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete document type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the document type is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select document type to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of document type to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'document type updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 75: Delete document type

Use Case id	GSE-US-76	
Use Case Name	Show all document type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the document type page.
Postconditions		<ul style="list-style-type: none">All document types data that are not deleted will be displayed.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add document type' in the menu.2. The system will view the show all document types page and displays all the document types data that are not deleted.	

Table 76: Show all document type



Use Case id	GSE-US-77	
Use Case Name	Add new document for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new document for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the new document is added.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps System Steps		
Flow of Events	1. The user will click on ‘Add document’ in the menu.	
	2. The user will fill in the adding live status fields.	
	3. The user clicks on the ‘add’ button.	
	3. The system will display a successful message ‘document is added successfully’.	
	6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 77: Add new document for citizen

Use Case id	GSE-US-78	
Use Case Name	Update document for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update document for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the document for citizen is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
User Steps System Steps		
Flow of Events	1. The user will click on the update icon.	
	2. The user edit the document information.	
	3. The user clicks on the ‘Update’ button.	
	4. The system will display a confirmation message.	
	7. The system will display a successful message ‘document for citizen updated successfully’.	
	8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 78: Update document for citizen



Use Case id	GSE-US-79	
Use Case Name	Delete document for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete document for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the document is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the document for citizen to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of document for citizen to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'document for citizen updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 79: Delete document for citizen

Use Case id	GSE-US-80	
Use Case Name	Show document for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the document for citizen page.	
Postconditions	<ul style="list-style-type: none">All document data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add new document ' in the menu.2. The system will view the show all document of citizen page and displays all the document of citizen data that are not deleted.	

Table 80: show document for citizen



Use Case id	GSE-US-81	
Use Case Name	Search for document of citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the document for citizen page.	
Postconditions	<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.2. The system will display the matched citizen with the text entered.	

Table 81: Serach for document for citizen

Use Case id	GSE-US-82	
Use Case Name	Add new Contact type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new contact type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the contact type is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding contact type fields.2. The user clicks on the 'add' button.3. The system will display a successful message 'contact type added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".	



Use Case id	GSE-US-82													
Use Case Name	Update contact type													
Initiating Actor	User													
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update contact type.													
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the contact type is updated.													
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .													
	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The user will click on the update icon.</td><td></td></tr><tr><td>2. The user edit the contact type information.</td><td></td></tr><tr><td>3. The user clicks on the 'Update' button.</td><td>4. The system will display a confirmation message.</td></tr><tr><td></td><td>7. The system will display a successful message 'contact type updated successfully'.</td></tr><tr><td></td><td>8. If the user has left the fields empty, the system will display a warning message "The form is not valid".</td></tr></tbody></table>		User Steps	System Steps	1. The user will click on the update icon.		2. The user edit the contact type information.		3. The user clicks on the 'Update' button.	4. The system will display a confirmation message.		7. The system will display a successful message 'contact type updated successfully'.		8. If the user has left the fields empty, the system will display a warning message "The form is not valid".
User Steps	System Steps													
1. The user will click on the update icon.														
2. The user edit the contact type information.														
3. The user clicks on the 'Update' button.	4. The system will display a confirmation message.													
	7. The system will display a successful message 'contact type updated successfully'.													
	8. If the user has left the fields empty, the system will display a warning message "The form is not valid".													
Flow of Events														

Table 82: Update document type

Use Case id	GSE-US-83											
Use Case Name	Delete contact type											
Initiating Actor	User											
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete contact type.											
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the contact type is deleted.											
Exceptions	<ul style="list-style-type: none">If the user did not select contact type to be deleted.											
	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The user will click on the Delete icon of contact type to be deleted.</td><td></td></tr><tr><td></td><td>2. The system will display a confirmation message.</td></tr><tr><td>3. The user clicks 'Delete' button.</td><td>4. The system will display a successful message 'contact type updated successfully'.</td></tr><tr><td></td><td>5. If the user has left the fields empty, the system will display a warning message "The form is not valid".</td></tr></tbody></table>		User Steps	System Steps	1. The user will click on the Delete icon of contact type to be deleted.			2. The system will display a confirmation message.	3. The user clicks 'Delete' button.	4. The system will display a successful message 'contact type updated successfully'.		5. If the user has left the fields empty, the system will display a warning message "The form is not valid".
User Steps	System Steps											
1. The user will click on the Delete icon of contact type to be deleted.												
	2. The system will display a confirmation message.											
3. The user clicks 'Delete' button.	4. The system will display a successful message 'contact type updated successfully'.											
	5. If the user has left the fields empty, the system will display a warning message "The form is not valid".											
Flow of Events												

Table 83:Delete Contact type



Use Case id	GSE-US-84	
Use Case Name	Show all contact type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the contact type page.	
Postconditions	<ul style="list-style-type: none">All contact types data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps		System Steps
Flow of Events		
<ol style="list-style-type: none">1. The user will click on 'Add contact type' in the menu.2. The system will view the show all contact types page and displays all the contact types data that are not deleted.		

Table 84: show all contact type

Use Case id	GSE-US-85	
Use Case Name	Add new contact for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new contact for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the new contact is added.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps		System Steps
Flow of Events		
<ol style="list-style-type: none">1. The user will click on 'Add contact ' in the menu.2. The user will fill in the adding contact fields.3. The user clicks on the 'add' button.3. The system will display a successful message 'contact is added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".		

Table 85: Add new contact for citizen



Use Case id	GSE-US-86	
Use Case Name	Update contact for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">• The user must be logged in and has the privilege to update contact for citizen.	
Postconditions	<ul style="list-style-type: none">• A successful message is displayed and the contact for citizen is updated.	
Exceptions	<ul style="list-style-type: none">• If the user did not fill in the required fields .	
	User Steps	System Steps
	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the contact information.3. The user clicks on the ‘Update’ button.	
	<ol style="list-style-type: none">4. The system will display a confirmation message.7. The system will display a successful message ‘contact for citizen updated successfully’.8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	
Flow of Events		

Table 86: Update contact for citizen

Use Case id	GSE-US-87	
Use Case Name	Delete contact for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">• The user must be logged in and has the privilege to delete contact for citizen.	
Postconditions	<ul style="list-style-type: none">• A successful message is displayed and the contact is deleted.	
Exceptions	<ul style="list-style-type: none">• If the user did not select the document for citizen to be deleted.	
	User Steps	System Steps
	<ol style="list-style-type: none">1. The user will click on the Delete icon of contact for citizen to be deleted.	
	<ol style="list-style-type: none">2. The system will display a confirmation message.	
Flow of Events		
	<ol style="list-style-type: none">3. The user clicks ‘Delete’ button.4. The system will display a successful message ‘contact for citizen updated successfully’.5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 87: delete contact for citizen



Use Case id	GSE-US-88	
Use Case Name	Show contact for citizen	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the contact for citizen page.
Postconditions		<ul style="list-style-type: none">All contact data that are not deleted will be displayed.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will click on 'Add new contact' in the menu.	2. The system will view the show all contact of citizen page and displays all the contact of citizen data that are not deleted.

Table 88: show contact for citizen

Use Case id	GSE-US-89	
Use Case Name	Search for contact of citizen	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the contact for citizen page.
Postconditions		<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	1. The user will click on the search text field.	2. The system will display the matched citizen with the text entered.

Table 89: Search for contact for citizen



Use Case id	GSE-US-90	
Use Case Name	Add new live status type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new live status type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the live status type is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding live status type fields.2. The user clicks on the 'add' button.	<ol style="list-style-type: none">3. The system will display a successful message 'live status type added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 90: Add new life status type

Use Case id	GSE-US-91	
Use Case Name	Update live Status type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update live status type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the live status type is updated.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the live status type information.3. The user clicks on the 'Update' button.	<ol style="list-style-type: none">4. The system will display a confirmation message.7. The system will display a successful message 'live status type updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 91: Update live status type



Use Case id	GSE-US-92	
Use Case Name	Delete live status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete live status type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the live status type is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the live status to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of live status type to be deleted.2. The system will display a confirmation message.3. The user clicks ‘Delete’ button.4. The system will display a successful message ‘live status type updated successfully’.5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 92: Delete live status type

Use Case id	GSE-US-93	
Use Case Name	Show all live status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the live status type page.	
Postconditions	<ul style="list-style-type: none">All live status types data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on ‘Add live status type’ in the menu.2. The system will view the show all live status types page and displays all the live status types data that are not deleted.	

Table 93: Show live status type



Use Case id	GSE-US-94	
Use Case Name	Add new social status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new social status type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the social status type is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding social status type fields.2. The user clicks on the 'add' button.	
	<ol style="list-style-type: none">3. The system will display a successful message 'social status type added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 94: Add new social status type

Use Case id	GSE-US-95	
Use Case Name	Update Social Status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update social status type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the social status type is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the social status type information.3. The user clicks on the 'Update' button.	
	<ol style="list-style-type: none">4. The system will display a confirmation message.	

Table 95: Update social status type



Use Case id	GSE-US-96	
Use Case Name	Delete social status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete social status type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the social status type is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the social status to be deleted.	
Flow of Events	User Steps	System Steps
	<ol style="list-style-type: none">1. The user will click on the Delete icon of social status type to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'social status type updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 96: delete social status type

Use Case id	GSE-US-97	
Use Case Name	Show all social status type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the social status type page.	
Postconditions	<ul style="list-style-type: none">All social status types data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	<ol style="list-style-type: none">1. The user will click on 'Add social status type' in the menu.2. The system will view the show all social status types page and displays all the social status types data that are not deleted.	

Table 97: Show all social status type



Use Case id	GSE-US-98	
Use Case Name	Delete user type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete user type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the user type is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the user type to be deleted.	
	User Steps	System Steps
	1. The user will click on the Delete icon of user type to be deleted.	
Flow of Events	2. The system will display a confirmation message.	
	3. The user clicks 'Delete' button.	
	4. The system will display a successful message 'user type updated successfully'. 5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 98: Delete user type

Use Case id	GSE-US-99	
Use Case Name	Show all user type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the user type page.	
Postconditions	<ul style="list-style-type: none">All user types data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
	1. The user will click on 'Add user type' in the menu.	
Flow of Events	2. The system will view the show all user types page and displays all the user types data that are not deleted.	

Table 99: Show all user type



Use Case id	GSE-US-100	
Use Case Name	Add new user	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none"> The user must be logged in and has the privilege to Add new user.
Postconditions		<ul style="list-style-type: none"> A successful message is displayed and the user is added.
Exceptions		<ul style="list-style-type: none"> None.
	User Steps	System Steps
Flow of Events	<p>1. The user will fill in the adding user fields.</p> <p>2. The user clicks on the 'add' button.</p>	<p>3. The system will display a successful message 'user added successfully'.</p>
		<p>6. If the user has left the fields empty, the system will display a warning message "The form is not valid".</p>

Table 100: Add new user

Use Case id	GSE-US-101	
Use Case Name	Update user	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none"> The user must be logged in and has the privilege to update user. 	
Postconditions	<ul style="list-style-type: none"> A successful message is displayed and the user is updated. 	
Exceptions	<ul style="list-style-type: none"> If the user did not fill in the required fields . 	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> 1. The user will click on the update icon. 2. The user edit the doctor user information. 3. The user clicks on the ‘Update’ button. 4. The system will display a confirmation message. 	
	<ol style="list-style-type: none"> 7. The system will display a successful message ‘user updated successfully’. 8. If the user has left the fields empty, the system will display a warning message “The form is not valid”. 	

Table 101: Update user



Use Case id	GSE-US-102	
Use Case Name	Delete user	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete user.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the user is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select user to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of user to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'user updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 102: Delete user

Use Case id	GSE-US-103	
Use Case Name	Show user	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the user page.	
Postconditions	<ul style="list-style-type: none">All users data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add user' in the menu.2. The system will view the show all users page and displays all the users data that are not deleted.	

Table 103: Show user



Use Case id	GSE-US-104	
Use Case Name	Add new social status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new social status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the district is added.	
Exceptions	<ul style="list-style-type: none">None.	
		User Steps
1. The user will click on ‘Add city’ in the menu.		System Steps
2. The user will fill in the adding district fields.		
3. The user clicks on the ‘add’ button.		3. The system will display a successful message ‘social status is added successfully’.
		6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.
Flow of Events		

Table 104: Add new social status for citizen

Use Case id	GSE-US-105	
Use Case Name	Update social status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update social status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the social status for citizen is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
		User Steps
1. The user will click on the update icon.		System Steps
2. The user edit the state information.		
3. The user clicks on the ‘Update’ button.		4. The system will display a confirmation message.
7. The system will display a successful message ‘social status for citizen updated successfully’.		
8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.		
Flow of Events		

Table 105: Update social status for citizen



Use Case id	GSE-US-106	
Use Case Name	Delete social status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete social status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the user type is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the social status for citizen to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of social status for citizen to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'social status for citizen updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 106: Delete social status for citizen

Use Case id	GSE-US-107	
Use Case Name	Search for social status of citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the social status for citizen page.	
Postconditions	<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.2. The system will display the matched citizen with the text entered.	

Table 107: Search for social status for citizen



Use Case id	GSE-US-108	
Use Case Name	Show social status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the social status for citizen page.	
Postconditions	<ul style="list-style-type: none">All social status data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add new social status' in the menu.2. The system will view the show all social status of citizen page and displays all the social status of citizen data that are not deleted.	

Table 108: Show social status for citizen

Use Case id	GSE-US-109	
Use Case Name	Add new live status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new live status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the new live status is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add live status ' in the menu.2. The user will fill in the adding live status fields.3. The user clicks on the 'add' button.3. The system will display a successful message 'live status is added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 109: Add new live status for citizen



Use Case id	GSE-US-110	
Use Case Name	Update live status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update live status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the live status for citizen is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
	1. The user will click on the update icon. 2. The user edit the live status information. 3. The user clicks on the 'Update' button.	
	4. The system will display a confirmation message. 7. The system will display a successful message 'live status for citizen updated successfully'. 8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	
Flow of Events		

Table 110: Update live status for citizen

Use Case id	GSE-US-11	
Use Case Name	Delete live status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete live status for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the live status is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the live status for citizen to be deleted.	
	User Steps	System Steps
	1. The user will click on the Delete icon of live status for citizen to be deleted. 3. The user clicks 'Delete' button.	
	2. The system will display a confirmation message. 4. The system will display a successful message 'live status for citizen updated successfully'. 5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	
Flow of Events		

Table 111: delete live status for citizen



Use Case id	GSE-US-112	
Use Case Name	Show live status for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the live status for citizen page.	
Postconditions	<ul style="list-style-type: none">All live status data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add new live status' in the menu.2. The system will view the show all live status of citizen page and displays all the live status of citizen data that are not deleted.	

Table 112: show live status for citizen

Use Case id	GSE-US-113	
Use Case Name	Search for live status of citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the live status for citizen page.	
Postconditions	<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.2. The system will display the matched citizen with the text entered.	

Table 113: Search for live status for citizen



Use Case id	GSE-US-114	
Use Case Name	Add new complain	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new complain.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the new complain is displayed in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “create new” in index page of complains.The admin fill the required fields.The admin clicks on the ‘Create button.	<ol style="list-style-type: none">The system redirect to the create page.5. The system will redirect to index page and display new complain in table.
		<ol style="list-style-type: none">If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 114: Add new complain

Use Case id	GSE-US-115	
Use Case Name	Edit Complains	
Initiating Actor	user	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to Edit complain.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the university is updated in table.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields.
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “Edit icon” in table in the index page of complains.The user edit the information.The user clicks on the ‘Save’ button.	<ol style="list-style-type: none">The system redirect to the Edit page.5. The system will redirect to index page and display updated complain in table.
		<ol style="list-style-type: none">If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 115: Edit complain



Use Case id	GSE-US-116	
Use Case Name	Delete complain	
Initiating Actor	Admin	
Preconditions		• The admin must be logged in and has the privilege to delete complain.
Postconditions		• redirect to the index page and the complain is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the complain to be deleted in table in the index page of complain.	2. The system redirect to the Delete page. 3. The complain information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the complain information from table.

Table 116:Delete complain

Use Case id	GSE-US-117	
Use Case Name	Show All complains	
Initiating Actor	Admin	
Preconditions		• The admin must be logged in and has the privilege to see all complains.
Postconditions		• information about specific complain displayed.
Exceptions	-----	
	Admin Steps	System Steps
		1. The system will display all complains
Flow of Events		

Table 117: Show all complain



Use Case id	GSE-US-118	
Use Case Name	Add new respond	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new respond.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the new respond is displayed in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
Flow of Events		<ol style="list-style-type: none">1. The admin will click on the link “create new ” in index page of responds.2. The system redirect to the create page.3. The admin fill the required fields.4. The admin clicks on the ‘Create button.5. The system will redirect to index page and display new respond in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 118: Add new respond

Use Case id	GSE-US-119	
Use Case Name	Edit respond	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit respond.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the respond is updated in table.
Exceptions		
	Admin Steps	System Steps
Flow of Events		<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of respond.2. The system redirect to the Edit page.3. The admin edit the respond information.4. The admin clicks on the ‘Save button.5. The system will redirect to index page and display updated respond in table.

Table 119: Edit respond



Use Case id	GSE-US-120	
Use Case Name	Delete respond	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete respond.
Postconditions		redirect to the index page and the respond is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the respond to be deleted in table in the index page of respond.	2. The system redirect to the Delete page. 3. The respond information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the respond information from table.

Table 120: Delete respond

Use Case id	GSE-US-121	
Use Case Name	Shaw All responds	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all responds.
Postconditions		information about specific responds displayed.
Exceptions	-----	
	Admin Steps	System Steps
Flow of Events		1. The system will display all responds

Table 121: Show all responds



Use Case id	GSE-US-122											
Use Case Name	Add new violation											
Initiating Actor	Admin											
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new violation.											
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new violation is displayed in table.											
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.											
	<table border="1"><thead><tr><th>Admin Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The admin will click on the link “create new” in index page of violation.</td><td>2. The system redirect to the create page.</td></tr><tr><td>3. The admin fill the required fields.</td><td></td></tr><tr><td>4. The admin clicks on the ‘Create button.</td><td>5. The system will redirect to index page and display new violation in table.</td></tr><tr><td></td><td>6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.</td></tr></tbody></table>		Admin Steps	System Steps	1. The admin will click on the link “create new” in index page of violation.	2. The system redirect to the create page.	3. The admin fill the required fields.		4. The admin clicks on the ‘Create button.	5. The system will redirect to index page and display new violation in table.		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Admin Steps	System Steps											
1. The admin will click on the link “create new” in index page of violation.	2. The system redirect to the create page.											
3. The admin fill the required fields.												
4. The admin clicks on the ‘Create button.	5. The system will redirect to index page and display new violation in table.											
	6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.											
Flow of Events												

Table 122: Add new violation

Use Case id	GSE-US-123											
Use Case Name	Edit violation											
Initiating Actor	Admin											
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit violation.											
Postconditions	<ul style="list-style-type: none">redirect to the index page and the violation is updated in table.											
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the violation name.											
	<table border="1"><thead><tr><th>Admin Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. The admin will click on the link “Edit icon” in table in the index page of violation.</td><td>2. The system redirect to the Edit page.</td></tr><tr><td>3. The admin edit the violation information.</td><td></td></tr><tr><td>4. The admin clicks on the ‘Save’ button.</td><td>5. The system will redirect to index page and display updated violation in table.</td></tr><tr><td></td><td>6. If the admin has left the fields empty, the system will display a warning message “the fields is required”. 7. If the admin repeated the violation name , the system will display a warning message ‘university name already exists’.</td></tr></tbody></table>		Admin Steps	System Steps	1. The admin will click on the link “Edit icon” in table in the index page of violation.	2. The system redirect to the Edit page.	3. The admin edit the violation information.		4. The admin clicks on the ‘Save’ button.	5. The system will redirect to index page and display updated violation in table.		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”. 7. If the admin repeated the violation name , the system will display a warning message ‘university name already exists’.
Admin Steps	System Steps											
1. The admin will click on the link “Edit icon” in table in the index page of violation.	2. The system redirect to the Edit page.											
3. The admin edit the violation information.												
4. The admin clicks on the ‘Save’ button.	5. The system will redirect to index page and display updated violation in table.											
	6. If the admin has left the fields empty, the system will display a warning message “the fields is required”. 7. If the admin repeated the violation name , the system will display a warning message ‘university name already exists’.											
Flow of Events												

Table 123: Edit violation



Use Case id	GSE-US-124	
Use Case Name	Delete violation	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete violation.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the violation is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the violation to be deleted in table in the index page of violation.	2. The system redirect to the Delete page. 3. The violation information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the violation information from table.

Table 124: Delete violation

Use Case id	GSE-US-125	
Use Case Name	Show All violations	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all violations.
Postconditions		<ul style="list-style-type: none">information about specific violations displayed.
Exceptions	-----	
	Admin Steps	System Steps
		1. The system will display all violations
Flow of Events		

Table 125: show all violation



Use Case id	GSE-US-126	
Use Case Name	Add new violation for car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new violation.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the new violation is displayed in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “create new” in index page of violation for car. 3. The admin fill the required fields. 4. The admin clicks on the ‘Create button.	2. The system redirect to the create page. 5. The system will redirect to index page and display new violation in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Flow of Events		

Table 126: Add new violation for car license

Use Case id	GSE-US-127	
Use Case Name	Edit violation for car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit violation.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the violation is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of violation. 3. The admin edit the violation information. 4. The admin clicks on the ‘Save’ button.	2. The system redirect to the Edit page. 5. The system will redirect to index page and display updated violation in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Flow of Events		

Table 127: Edit violation for car license



Use Case id	GSE-US-128	
Use Case Name	Delete violation for car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete violation.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the violation is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the violation to be deleted in table in the index page of violation.	2. The system redirect to the Delete page. 3. The violation information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the violation information from table.

Table 128: delete violation for car license

Use Case id	GSE-US-129	
Use Case Name	Show All violations of car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all violations.
Postconditions		<ul style="list-style-type: none">information about specific violation displayed.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will choose car license	2. The system will display all violations according to the license he chooses
Flow of Events		

Table 129: Show All violation for car license



Use Case id	GSE-US-130	
Use Case Name	Add new car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new car license.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the new license is displayed in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “create new ” in index page of license. 3. The admin fill the required fields. 4. The admin clicks on the ‘Create button.	2. The system redirect to the create page. 5. The system will redirect to index page and display new license in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Flow of Events		

Table 130: Add new car license

Use Case id	GSE-US-131	
Use Case Name	Edit car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit car license.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the car license is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the car license
	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of car license. 3. The admin edit the car license information. 4. The admin clicks on the ‘Save button.	2. The system redirect to the Edit page. 5. The system will redirect to index page and display updated car license in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”. 7. If the admin repeated the violation name , the system will display a warning message ‘car code already exists’.
Flow of Events		

Table 131: Edit car license



Use Case id	GSE-US-132	
Use Case Name	Delete car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete car license.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the violation is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the car license to be deleted in table in the index page of car license.	2. The system redirect to the Delete page. 3. The car license information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the car license information from table.

Table 132: delete car license

Use Case id	GSE-US-132	
Use Case Name	Show All car license	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to see car license.
Postconditions		<ul style="list-style-type: none">information about specific license displayed.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will choose national id	2. The system will display all information about car license
Flow of Events		



Use Case id	GSE-US-133	
Use Case Name	Add new car	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new car.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new car is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “create new” in index page of car.2. The system redirect to the create page.3. The admin fill the required fields.4. The admin clicks on the ‘Create button.	
Flow of Events	<ol style="list-style-type: none">5. The system will redirect to index page and display new car in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.	

Table 133: Add new car

Use Case id	GSE-US-134	
Use Case Name	Edit car	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit car.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the car is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the car name.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of car.2. The system redirect to the Edit page.3. The admin edit the car information.4. The admin clicks on the ‘Save button.	
Flow of Events	<ol style="list-style-type: none">5. The system will redirect to index page and display updated car in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the car name , the system will display a warning message ‘car name already exists’.	

Table 134: Edit car



Use Case id	GSE-US-135	
Use Case Name	Delete car	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete car.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the car is updated in table.	
Exceptions		
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “delete icon” corresponding to the car to be deleted in table in the index page of car.2. The system redirect to the Delete page.3. The car information to be deleted will displayed in delete page	
Flow of Events	<ol style="list-style-type: none">4. The admin clicks on the ‘Delete’ button.5. The system will redirect to index page and remove the car information from table.	

Table 135: Delete car

Use Case id	GSE-US-136	
Use Case Name	Show All cars	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all cars.	
Postconditions	<ul style="list-style-type: none">information about specific cars displayed.	
Exceptions	-----	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The system will display all cars	
Flow of Events		

Table 136: Show all cars



Use Case id	GSE-US-137	
Use Case Name	Add new citizen balance	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new citizen balance.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the new citizen balance is displayed in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “create new ” in index page of citizen balance. 3. The admin fill the required fields. 4. The admin clicks on the ‘Create button.	2. The system redirect to the create page. 5. The system will redirect to index page and display new citizen balance in table.
Flow of Events		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 137: Add new citizen balance

Use Case id	GSE-US-138	
Use Case Name	Edit citizen balance	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit citizen balance.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the citizen balance is updated in table.
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of citizen balance. 3. The admin edit the citizen balance information. 4. The admin clicks on the ‘Save button.	2. The system redirect to the Edit page. 5. The system will redirect to index page and display updated citizen balance in table.
Flow of Events		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 138: Edit citizen balance



Use Case id	GSE-US-139	
Use Case Name	Delete citizen balance	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete citizen balance.	
Postconditions	redirect to the index page and the violation is updated in table.	
Exceptions		
	Admin Steps	System Steps
	1. The admin will click on the link “delete icon” corresponding to the citizen balance to be deleted in table in the index page of citizen balance.	2. The system redirect to the Delete page. 3. The citizen balance information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the citizen balance information from table.

Table 139: Delete citizen balance

Use Case id	GSE-US-140	
Use Case Name	Show All citizen balances	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all citizen balance.	
Postconditions	information about specific citizen displayed.	
Exceptions	-----	
	Admin Steps	System Steps
Flow of Events		1. The system will display all balances

Table 140: Show all citizen balance



Use Case id	GSE-US-141	
Use Case Name	Add new healthcare type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new healthcare type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the healthcare type is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding healthcare type fields.2. The user clicks on the 'add' button.3. The system will display a successful message 'healthcare type added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 141: Add new healthcare type

Use Case id	GSE-US-142	
Use Case Name	Update Healthcare type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update healthcare type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the healthcare type is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the healthcare type information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'healthcare type updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 142: Update healthcare type



Use Case id	GSE-US-143	
Use Case Name	Delete healthcare type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete healthcare type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the healthcare type is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select healthcare type to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of healthcare type to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'healthcare type updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 143: Delete healthcare type

Use Case id	GSE-US-144	
Use Case Name	Show all healthcare type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the healthcare type page.	
Postconditions	<ul style="list-style-type: none">All healthcare types data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add healthcare type' in the menu.2. The system will view the show all healthcare types page and displays all the healthcare types data that are not deleted.	

Table 144: Show all healthcare type



Use Case id	GSE-US-145	
Use Case Name	Add new doctor specialization type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new doctor specialization type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the doctor specialization type is added.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events	User Steps	System Steps
	1. The user will fill in the adding doctor specialization type fields.	
	2. The user clicks on the 'add' button.	3. The system will display a successful message 'doctor specialization type added successfully'.
		6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 145: Add new doctor specialization type

Use Case id	GSE-US-146	
Use Case Name	Update Doctor specialization type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update doctor specialization type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the healthcare type is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
Flow of Events	User Steps	System Steps
	1. The user will click on the update icon.	
	2. The user edit the doctor specialization type information.	
	3. The user clicks on the 'Update' button.	4. The system will display a confirmation message.
		7. The system will display a successful message 'doctor specialization type updated successfully'.
		8. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 146: Update doctor specialization type



Use Case id	GSE-US-147	
Use Case Name	Delete doctor specialization type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete doctor specialization type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the doctor specialization type is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select doctor specialization type to be deleted.
	User Steps	System Steps
Flow of Events	1. The user will click on the Delete icon of doctor specialization type to be deleted.	2. The system will display a confirmation message.
	3. The user clicks 'Delete' button.	4. The system will display a successful message 'doctor specialization type updated successfully'. 5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 147: Delete doctor specialization type

Use Case id	GSE-US-148	
Use Case Name	Show all doctor specialization type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to view the doctor specialization type page.
Postconditions		<ul style="list-style-type: none">All doctor specialization types data that are not deleted will be displayed.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	1. The user will click on 'Add doctor specialization type' in the menu.	2. The system will view the show all live doctor specialization page and displays all the doctor specialization types data that are not deleted.

Table 148: show all doctor specialization type



Use Case id	GSE-US-149	
Use Case Name	Add new specialization for doctor	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new specialization for doctor.A successful message is displayed and the new specialization for doctor is added.	
Postconditions		
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on ‘Add specialization for doctor’ in the menu.2. The user will fill in the adding specialization for doctor fields.3. The user clicks on the ‘add’ button.	
	<ol style="list-style-type: none">3. The system will display a successful message ‘specialization for doctor is added successfully’.6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 149: Add new specialization for doctor

Use Case id	GSE-US-150	
Use Case Name	Update specialization for doctor	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update specialization for doctor.A successful message is displayed and the specialization for doctor is updated.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the specialization for doctor information.3. The user clicks on the ‘Update’ button.	
	<ol style="list-style-type: none">4. The system will display a confirmation message.7. The system will display a successful message ‘specialization for doctor updated successfully’.8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 150: update specialization for doctor



Use Case id	GSE-US-151	
Use Case Name	Delete specialization for doctor	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete specialization for doctor for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the specialization for doctor is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the specialization for doctor to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of specialization for doctor to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'specialization for doctor updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 151: Delete specialization for doctor

Use Case id	GSE-US-152	
Use Case Name	Show specialization for doctor	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view specialization for doctor	
Postconditions	<ul style="list-style-type: none">All specialization for doctor data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add new specialization for doctor' in the menu.2. The system will view the show all specialization for doctor page and displays all the specialization for doctor data that are not deleted.	

Table 152: Show specialization for doctor



Use Case id	GSE-US-153	
Use Case Name	Search for specialization of doctor	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the specialization for doctor page.	
Postconditions	<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.2. The system will display the matched citizen with the text entered.	

Table 153: search for specialization of doctor

Use Case id	GSE-US-154	
Use Case Name	Add new Vaccination type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Add new vaccination type.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the vaccination type is added.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding vaccination type fields.2. The user clicks on the 'add' button.3. The system will display a successful message 'vaccination type added successfully'.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 154: Add new vaccination type



Use Case id	GSE-US-155	
Use Case Name	Update vaccination type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update vaccination type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the vaccination type is updated.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the vaccination type information.3. The user clicks on the 'Update' button.	<ol style="list-style-type: none">4. The system will display a confirmation message.
		<ol style="list-style-type: none">7. The system will display a successful message 'vaccination type updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 155: update vaccination type

Use Case id	GSE-US-156	
Use Case Name	Delete vaccination type	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete vaccination type.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the vaccination type is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select vaccination type to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of vaccination type to be deleted.	<ol style="list-style-type: none">2. The system will display a confirmation message.
	<ol style="list-style-type: none">3. The user clicks 'Delete' button.	<ol style="list-style-type: none">4. The system will display a successful message 'vaccination type updated successfully'.
		<ol style="list-style-type: none">5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 156: Delete vaccination type



Use Case id	GSE-US-157	
Use Case Name	Show all vaccination type	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none"> The user must be logged in and has the privilege to view the vaccination type page. 	
Postconditions	<ul style="list-style-type: none"> All vaccination types data that are not deleted will be displayed. 	
Exceptions	<ul style="list-style-type: none"> None. 	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> The user will click on 'Add vaccination type' in the menu. 	
	<ol style="list-style-type: none"> <li value="2">The system will view the show all vaccination types page and displays all the vaccination types data that are not deleted. 	

Table 157: Show all vaccination type

Use Case id	GSE-US-158	
Use Case Name	Reserve vaccination for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none"> The user must be logged in and has the privilege to Add new vaccination for citizen. 	
Postconditions	<ul style="list-style-type: none"> A successful message is displayed and the new vaccination is added. 	
Exceptions	<ul style="list-style-type: none"> None. 	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> 1. The user will click on ‘Add vaccination’ in the menu. 2. The user will fill in the adding vaccination fields. 3. The user clicks on the ‘add’ button. 3. The system will display a successful message ‘vaccination is added successfully’. 6. If the user has left the fields empty, the system will display a warning message “The form is not valid”. 	

Table 158: reserve vaccination for citizen



Use Case id	GSE-US-159	
Use Case Name	Update vaccination for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update vaccination for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the vaccination for citizen is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the vaccination information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'vaccination for citizen updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 159: Update vaccination for citizen

Use Case id	GSE-US-160	
Use Case Name	Delete vaccination for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete vaccination for citizen.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the vaccination is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the vaccination for citizen to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of vaccination for citizen to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'vaccination for citizen updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 160: Delete vaccination for citizen



Use Case id	GSE-US-161	
Use Case Name	Show vaccination for citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the vaccination for citizen page.	
Postconditions	<ul style="list-style-type: none">All vaccination data that are not deleted will be displayed.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on 'Add new vaccination' in the menu.	<ol style="list-style-type: none">2. The system will view the show all vaccination of citizen page and displays all the vaccination of citizen data that are not deleted.

Table 161: Show all vaccination for citizen

Use Case id	GSE-US-162	
Use Case Name	Search for vaccination of citizen	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to view the vaccination for citizen page.	
Postconditions	<ul style="list-style-type: none">Matched Citizen data with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the search text field.	<ol style="list-style-type: none">2. The system will display the matched citizen with the text entered.

Table 162: search for vaccination of citizen



Use Case id	GSE-US-163	
Use Case Name	Add reservation in healthcare	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">• The admin must be logged in and has the privilege to Add doctor's work.	
Postconditions	<ul style="list-style-type: none">• redirect to the index page and the doctor's information is updated in table.	
Exceptions	<ul style="list-style-type: none">• If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	<p>1. The admin will click on the link "Add" corresponding to the doctor information to be deleted in table in the index page of doctors.</p>	
	<p>2. The system redirect to the Add page.</p>	
	<p>3. The doctor information to be deleted will displayed in Add page</p>	
Flow of Events	<p>4. The admin clicks on the 'Add button.</p> <p>5. The system will redirect to index page and Add the doctor's information from table.</p>	

Table 163: Add reservation in healthcare

Use Case id	GSE-US-164	
Use Case Name	Show All reservations of healthcare	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">• The admin must be logged in and has the privilege to see all healthcare reservations.	
Postconditions	<ul style="list-style-type: none">• information about specific healthcare reservations displayed	
Exceptions	<ul style="list-style-type: none">• If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	<p>1. The admin click on healthcare reservations.</p>	
	<p>2. The system will display all doctors with their information.</p>	
Flow of Events		

Table 164: Show all reservations of healthcare



Use Case id	GSE-US-165	
Use Case Name	Delete reservation in healthcare	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete reservation in healthcare.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the healthcare reservation's information is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link "delete" corresponding to the doctor information to be deleted in table in the index page of doctors.	2. The system redirect to the Delete page. 3. The doctor information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the 'Delete' button.	5. The system will redirect to index page and remove the doctor's information from table.

Table 165: Delete reservation in healthcare

Use Case id	GSE-US-166	
Use Case Name	Add vaccination schedule	
Initiating Actor	citizen	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Add vaccination schedule work.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the vaccination schedule information is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link "Add icon" in table in the index page of vaccination schedule.	2. The system redirect to the Add page.
	3. The admin edit the vaccination schedule information	
Flow of Events	4. The admin clicks on the 'Save' button.	5. The system will redirect to index page and display Added type in table.
		6. If the admin has left the fields empty, the system will display a warning message "the fields is required".

Table 166: Add vaccination schedule



Use Case id	GSE-US-167	
Use Case Name	Edit vaccination schedule	
Initiating Actor	citizen	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit vaccination schedule work.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the vaccination schedule information is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of vaccination schedule.	2. The system redirect to the Edit page.
	3. The admin edit the vaccination schedule information	
Flow of Events	4. The admin clicks on the ‘Save’ button.	5. The system will redirect to index page and display updated type in table.
		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 167: Edit vaccination schedule

Use Case id	GSE-US-168	
Use Case Name	Delete vaccination schedule	
Initiating Actor	citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to delete vaccination.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the vaccination schedule information is deleted.
Exceptions		<ul style="list-style-type: none">If the citizen did not fill in the required fields.
	Admin Steps	System Steps
	1. The citizen will click on the link “delete” corresponding to the vaccination schedule information to be deleted in table in the index page.	2. The system redirect to the Delete page. 3. The vaccination schedule information to be deleted will displayed in delete page
Flow of Events	4. The citizen clicks on the ‘Delete’ button.	5. The system will redirect to index page and remove the vaccination’s information from table.

Table 168: Delete vaccination schedule



Use Case id	GSE-US-169	
Use Case Name	Add schedule vaccination	
Initiating Actor	citizen	
Preconditions		• The citizen must be logged in and has the privilege to Add schedule vaccination work.
Postconditions		• redirect to the index page and the schedule vaccination information is Added in table.
Exceptions		• If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “Add icon” in table in the index page of schedule vaccination 3. The admin Add the schedule vaccination information 4. The admin clicks on the ‘Save’ button.	2. The system redirect to the Edit page. 5. The system will redirect to index page and display Added type in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Flow of Events		

Table 169: Add schedule vaccination

Use Case id	GSE-US-170	
Use Case Name	Show All vaccinations schedule	
Initiating Actor	Admin	
Preconditions		• The admin must be logged in and has the privilege to see all healthcare types
Postconditions		• all vaccinations schedule were displayed
Exceptions		
	Admin Steps	System Steps
	1. The admin click on vaccination schedule.	2. The system will display all vaccinations schedule with their information.

Table 170: Show all vaccination schedule



Use Case id	GSE-US-171	
Use Case Name	Edit schedule vaccination	
Initiating Actor	citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to Edit schedule vaccination work.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the schedule vaccination information is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of schedule vaccination	
	2. The system redirect to the Edit page.	
	3. The admin edit the schedule vaccination information	
	4. The admin clicks on the ‘Save’ button.	
	5. The system will redirect to index page and display updated type in table.	
	6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.	
Flow of Events		

Table 171: Edit schedule vaccination

Use Case id	GSE-US-172	
Use Case Name	Show All schedule vaccination	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all healthcare types	
Postconditions	<ul style="list-style-type: none">all vaccinations schedule were displayed	
Exceptions		
	Admin Steps	System Steps
	1. The admin click on schedule vaccination.	
	2. The system will display all schedule vaccination with their information.	
Flow of Events		

Table 172: Show all schedule vaccination



Use Case id	GSE-US-173	
Use Case Name	Delete schedule vaccination	
Initiating Actor	citizen	
Preconditions	<ul style="list-style-type: none">• The citizen must be logged in and has the privilege to delete schedule vaccination.	
Postconditions	<ul style="list-style-type: none">• redirect to the index page and the vaccination schedule information is deleted.	
Exceptions	<ul style="list-style-type: none">• If the citizen did not fill in the required fields.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The citizen will click on the link “delete” corresponding to the vaccination schedule information to be deleted in table in the index page.2. The system redirect to the Delete page.3. The vaccination schedule information to be deleted will displayed in delete page	
Flow of Events	<ol style="list-style-type: none">4. The citizen clicks on the ‘Delete’ button.5. The system will redirect to index page and remove the vaccination’s information from table.	

Table 173: delete vaccination schedule

Use Case id	GSE-US-174	
Use Case Name	Add doctor reservation	
Initiating Actor	admin	
Preconditions	<ul style="list-style-type: none">• The admin must be logged in and has the privilege to Add doctor reservation	
Postconditions	<ul style="list-style-type: none">• redirect to the index page and the doctor reservation information is Added .	
Exceptions	<ul style="list-style-type: none">• If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “ Add ” corresponding to the doctor reservation information to be deleted in table in the index page.2. The system redirect to the Add page.3. The doctor reservation information to be deleted will displayed in Add page	
Flow of Events	<ol style="list-style-type: none">4. The admin clicks on the ‘ Add button.5. The system will redirect to index page and Added this doctor reservation from table.	

Table 174: Add doctor reservation



Use Case id	GSE-US-175	
Use Case Name	Edit doctor reservation	
Initiating Actor	admin	
Preconditions		• The admin must be logged in and has the privilege to Edit doctor reservation
Postconditions		• redirect to the index page and the doctor reservation information is Edit ed.
Exceptions		• If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “Edit” corresponding to the doctor reservation information to be Edit in table in the index page.	2. The system redirect to the Edit page. 3. The doctor reservation information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Edit button.	5. The system will redirect to index page and Edit this doctor reservation from table.

Table 175: Edit doctor reservation

Use Case id	GSE-US-176	
Use Case Name	Delete doctor reservation	
Initiating Actor	admin	
Preconditions		• The admin must be logged in and has the privilege to delete doctor reservation
Postconditions		• redirect to the index page and the doctor reservation information is deleted.
Exceptions		• If the admin did not fill in the required fields.
	Admin Steps	System Steps
	1. The admin will click on the link “delete” corresponding to the doctor reservation information to be deleted in table in the index page.	2. The system redirect to the Delete page. 3. The doctor reservation information to be deleted will displayed in delete page
Flow of Events	4. The admin clicks on the ‘Delete button.	5. The system will redirect to index page and remove this doctor reservation from table.

Table 176: Delete doctor reservation



Use Case id	GSE-US-177	
Use Case Name	Show All doctor reservation	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all reservation	
Postconditions	<ul style="list-style-type: none">all reservations were displayed	
Exceptions		
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin click on doctor reservation.2. The system will display all reservations with their information.	

Table 177: Show all doctor reservation

Use Case id	GSE-US-178	
Use Case Name	Add hospital information	
Initiating Actor	admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Add hospital information work.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the hospital information is Added in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “Add icon” in table in the index page of hospital information2. The system redirect to the Add page.3. The admin Add the schedule vaccination information4. The admin clicks on the ‘Save’ button.5. The system will redirect to index page and display new in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.	

Table 178: Add hospital information



Use Case id	GSE-US-179	
Use Case Name	Delete hospital information	
Initiating Actor	admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete doctor reservation	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the hospital information is deleted.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “delete” corresponding to the hospital information to be deleted in table in the index page.2. The system redirect to the Delete page.3. The hospital information to be deleted will displayed in delete page	
Flow of Events	<ol style="list-style-type: none">4. The admin clicks on the ‘Delete’ button.5. The system will redirect to index page and remove this hospital information from table.	

Table 179: delete hospital information

Use Case id	GSE-US-180	
Use Case Name	Show All hospitals	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all healthcare types	
Postconditions	<ul style="list-style-type: none">all hospitals were displayed	
Exceptions		
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin click on hospital.2. Admin will fill the required fields.	
Flow of Events	<ol style="list-style-type: none">2. The system will display all hospitals with their information.	

Table 180: show all hospitals



Use Case id	GSE-US-181	
Use Case Name	Add RSRI Branch	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to add RSRI Branch.	
Postconditions	<ul style="list-style-type: none">A Summary is displayed and the RSRI Branch is added.	
Exceptions	<ul style="list-style-type: none">None.	
Flow of Events		
Flow of Events	User Steps	System Steps
	1. The user will fill in the adding RSRI Branch fields.	
	2. The user clicks the next button.	3. The system will display a summary page.
	4. The user Click on submit button.	
		6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 181: add RSRI Branch

Use Case id	GSE-US-182	
Use Case Name	Edit hospital information	
Initiating Actor	admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit hospital information work.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the hospital information is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
Flow of Events		
Flow of Events	Admin Steps	System Steps
	1. The admin will click on the link “Edit icon” in table in the index page of hospital information	
	3. The admin edit the schedule vaccination information	2. The system redirect to the Edit page.
	4. The admin clicks on the ‘Save’ button.	
		5. The system will redirect to index page and display new in table.
		6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.

Table 182: Edit hospital information



Use Case id	GSE-US-183	
Use Case Name	Update RSRI branch	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update RSRI branch.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI branch is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the RSRI branch information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'RSRI branch updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 183: Update RSRI Branch

Use Case id	GSE-US-184	
Use Case Name	Delete RSRI branch	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete RSRI branch.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI branch is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the RSRI branch to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of RSRI branch to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'RSRI branch updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 184: DELETE RSRI branch



Use Case id	GSE-US-185		
Use Case Name	Add RSRI Department		
Initiating Actor	User		
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to add RSRI Branch.	
Postconditions		<ul style="list-style-type: none">A Summary is displayed and the RSRI Department is added.	
Exceptions		<ul style="list-style-type: none">None.	
User Steps		System Steps	
Flow of Events		<ol style="list-style-type: none">1. The user will fill in the adding RSRI Department fields.2. The user clicks the next button.3. The system will display a summary page.4. The user Click on submit button.6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 185: ADD RSRI Department

Use Case id	GSE-US-186		
Use Case Name	Update RSRI department		
Initiating Actor	User		
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update RSRI department.	
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the RSRI department is updated.	
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .	
User Steps		System Steps	
Flow of Events		<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the RSRI department information.3. The user clicks on the ‘Update’ button.4. The system will display a confirmation message.7. The system will display a successful message ‘RSRI department updated successfully’.8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 186: UPDATE RSRI DEPARTMENT



Use Case id	GSE-US-187	
Use Case Name	Delete RSRI department	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete RSRI department.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the RSRI department is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select the RSRI department to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of RSRI department to be deleted.2. The user clicks 'Delete' button.	<ol style="list-style-type: none">2. The system will display a confirmation message.4. The system will display a successful message 'RSRI department updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 187: DELETE RSRI DEPARTMENT

Use Case id	GSE-US-188	
Use Case Name	Add RSRI popular contract	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to add RSRI Branch.
Postconditions		<ul style="list-style-type: none">A Summary is displayed and the RSRI popular contract is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will fill in the adding RSRI popular contract fields.2. The user clicks the next button.4. The user Click on submit button.	<ol style="list-style-type: none">3. The system will display a summary page.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 188: ADD RSRI POPULAR CONTRACT



Use Case id	GSE-US-189	
Use Case Name	Update RSRI popular contract	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update RSRI popular contract.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the RSRI popular contract is updated.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the RSRI popular contract information.3. The user clicks on the 'Update' button.	<ol style="list-style-type: none">4. The system will display a confirmation message.7. The system will display a successful message 'RSRI popular contract updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 189: UPDATE RSRI POPULAR CONTRACT

Use Case id	GSE-US-190	
Use Case Name	Delete RSRI popular contract	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete RSRI popular contract.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the RSRI popular contract is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select the RSRI popular contract to be deleted.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of RSRI popular contract to be deleted.3. The user clicks 'Delete' button.	<ol style="list-style-type: none">2. The system will display a confirmation message.4. The system will display a successful message 'RSRI popular contract updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 190: DELETE RSRI POPULAR CONTRACT



Use Case id	GSE-US-191	
Use Case Name	Add RSRI property Taxes	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to add RSRI property taxes.	
Postconditions	<ul style="list-style-type: none">A Summary is displayed and the RSRI property taxes is added.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps		System Steps
Flow of Events		<ol style="list-style-type: none">1. The user will fill in the adding RSRI property taxes fields.2. The user clicks the next button.3. The system will display a summary page.4. The user Click on submit button.6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 191: ADD RSRI PROPERTY TAXES

Use Case id	GSE-US-192	
Use Case Name	Delete property taxes	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete Property taxes.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the RSRI Property taxes to be deleted.	
User Steps		System Steps
Flow of Events		<ol style="list-style-type: none">1. The user will click on the Delete icon of Property taxes to be deleted.2. The system will display a confirmation message.3. The user clicks ‘Delete’ button.4. The system will display a successful message ‘ RSRI Property taxes updated successfully’.5. If the user has left the fields empty, the system will display a warning message “The form is not valid”.

Table 192: DELETE PROPERTY TAXES



Use Case id	GSE-US-193	
Use Case Name	Update Property Taxes	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to update property Taxes.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the property Taxes is updated.
Exceptions		<ul style="list-style-type: none">If the user did not fill in the required fields .
	User Steps	System Steps
	1. The user will click on the update icon. 2. The user edit the property Taxes information. 3. The user clicks on the 'Update' button.	4. The system will display a confirmation message. 7. The system will display a successful message 'property Taxes updated successfully'. 8. If the user has left the fields empty, the system will display a warning message "The form is not valid".
Flow of Events		

Table 193: UPDATE PROPERTY TAXES

Use Case id	GSE-US-194	
Use Case Name	Add RSRI report subject	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to add RSRI report subject.
Postconditions		<ul style="list-style-type: none">A Summary is displayed and the RSRI report subject is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
	1. The user will fill in the adding RSRI report subject fields. 2. The user clicks the next button. 4. The user Click on submit button.	3. The system will display a summary page. 6. If the user has left the fields empty, the system will display a warning message "The form is not valid".
Flow of Events		

Table 194: Add RSRI report subject



Use Case id	GSE-US-195	
Use Case Name	Update RSRI report subject	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update RSRI report subject.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI report subject is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the RSRI report subject information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'RSRI report subject updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 195: UPDATE RSRI REPORT SUBJECT

Use Case id	GSE-US-196	
Use Case Name	Delete RSRI report subject	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete RSRI report subject.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI report subject is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the RSRI report subject to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of RSRI report subject to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message ' RSRI report subject updated successful'.	

Table 196: DELETE RSRI REPORT SUBJECT



Use Case id	GSE-US-197	
Use Case Name	Add real state registry interest	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to add real state registry interest.	
Postconditions	<ul style="list-style-type: none">A Summary is displayed and the real state registry interest is added.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps		System Steps
<p>Flow of Events</p> <ol style="list-style-type: none">1. The user will fill in the adding real state registry interest fields.2. The user clicks the next button.3. The user Click on submit button.6. If the user has left the fields empty, the system will display a warning message "The form is not valid".		

Table 197: ADD RSRI

Use Case id	GSE-US-198	
Use Case Name	Update Real state Registry Interest	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update real state registry interest.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the real state registry interest is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
User Steps		System Steps
<p>Flow of Events</p> <ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the real state registry interest information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'real state registry interest updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".		

Table 198: UPDATE RSRI



Use Case id	GSE-US-199	
Use Case Name	Delete real state registry interest	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to delete real state registry interest.
Postconditions		<ul style="list-style-type: none">A successful message is displayed and the is deleted.
Exceptions		<ul style="list-style-type: none">If the user did not select the real state registry interest to be deleted.
	User Steps	System Steps
	1. The user will click on the Delete icon of real state registry interest to be deleted.	
Flow of Events		2. The system will display a confirmation message.
	3. The user clicks 'Delete' button.	
		4. The system will display a successful message 'real state registry interest updated successfully'.
		5. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 199: DELETE RSRI

Use Case id	GSE-US-200	
Use Case Name	Add Areas Authority Request	
Initiating Actor	User	
Preconditions		<ul style="list-style-type: none">The user must be logged in and has the privilege to add Areas Authority request.
Postconditions		<ul style="list-style-type: none">A Summary is displayed and the Areas Authority request is added.
Exceptions		<ul style="list-style-type: none">None.
	User Steps	System Steps
	1. The user will fill in the adding Areas Authority request fields.	
Flow of Events	2. The user clicks the next button.	
	4. The user Click on submit button.	3. The system will display a summary page.
		6. If the user has left the fields empty, the system will display a warning message "The form is not valid".

Table 200: ADD AREAS AUTHORITY REQUEST



Use Case id	GSE-US-201	
Use Case Name	Update Areas Authority request	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">• The user must be logged in and has the privilege to update areas authority request.	
Postconditions	<ul style="list-style-type: none">• A successful message is displayed and the areas authority request is updated.	
Exceptions	<ul style="list-style-type: none">• If the user did not fill in the required fields .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the update icon.2. The user edit the areas authority request information.3. The user clicks on the 'Update' button.4. The system will display a confirmation message.7. The system will display a successful message 'areas authority request updated successfully'.8. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 201: UPDATE AREAS AUTHORITY REQUEST

Use Case id	GSE-US-202	
Use Case Name	Delete Areas authority request	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">• The user must be logged in and has the privilege to delete areas authority request.	
Postconditions	<ul style="list-style-type: none">• A successful message is displayed and the is deleted.	
Exceptions	<ul style="list-style-type: none">• If the user did not select the areas authority request to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of areas authority request to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'areas authority request updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 202:delete areas authority request



Use Case id	GSE-US-203	
Use Case Name	Add RSRI report	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to add Realstate registry interest Report.	
Postconditions	<ul style="list-style-type: none">A Summary is displayed and the Areas Authority request is added.	
Exceptions	<ul style="list-style-type: none">None.	
User Steps System Steps		
Flow of Events	1. The user will fill in the adding RSRI report fields.	
	2. The user clicks the next button.	
	3. The system will display a summary page.	
	4. The user Click on submit button.	
	6. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 203: Add RSRI report

Use Case id	GSE-US-204	
Use Case Name	Update RSRI report	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to update RSRI report.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI report is updated.	
Exceptions	<ul style="list-style-type: none">If the user did not fill in the required fields .	
User Steps System Steps		
Flow of Events	1. The user will click on the update icon.	
	2. The user edit the RSRI report information.	
	3. The user clicks on the ‘Update’ button.	
	4. The system will display a confirmation message.	
	7. The system will display a successful message ‘RSRI report updated successfully’. 8. If the user has left the fields empty, the system will display a warning message “The form is not valid”.	

Table 204: Update RSRI report



Use Case id	GSE-US-205	
Use Case Name	Delete RSRI report	
Initiating Actor	User	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to delete RSRI report.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed and the RSRI report is deleted.	
Exceptions	<ul style="list-style-type: none">If the user did not select the RSRI report to be deleted.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The user will click on the Delete icon of RSRI report to be deleted.2. The system will display a confirmation message.3. The user clicks 'Delete' button.4. The system will display a successful message 'RSRI report updated successfully'.5. If the user has left the fields empty, the system will display a warning message "The form is not valid".	

Table 205:Delete RSRI Report

Use Case id	GSE-US-206	
Use Case Name	Create University	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new university.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new university is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the University name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link "create new" in index page of universities.3. The admin fill the required fields .4. The admin clicks on the 'Create' button.3. The system redirect to the create page.5. The system will redirect to index page and display new university in table.6. If the admin has left the fields empty, the system will display a warning message "the fields is required".7. If the admin repeated the university name , the system will display a warning message 'university name already exists'.	

Table 206: Create university



Use Case id	GSE-US-207	
Use Case Name	Edit University	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit university.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the university is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the University name.
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of universities.3. The admin edit the university information4. The admin clicks on the ‘Save’ button.	<ol style="list-style-type: none">3. The system redirect to the Edit page.5. The system will redirect to index page and display updated university in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the university name , the system will display a warning message ‘university name already exists’.

Table 207: Edit University

Use Case id	GSE-US-208	
Use Case Name	Delete University	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete university.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the university is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the University name.
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “trash icon” corresponding to the university to be deleted in table in the index page of universities.4. The admin clicks on the ‘Delete’ button.	<ol style="list-style-type: none">4. The system redirect to the Delete page.5. The university information to be deleted will displayed in delete page5. The system will redirect to index page and remove the university’s information from table.

Table 208: Delete university



Use Case id	GSE-US-209	
Use Case Name	Shaw All Universities	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all universities.	
Postconditions	<ul style="list-style-type: none">information about specific university displayed.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will choose state, city, region and district3. The system will display all university according to the address he chooses	

Table 209: show all universities

Use Case id	GSE-US-210	
Use Case Name	Create Faculty	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new faculty.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new faculty is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the faculty name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “create new ” in index page of faculties.2. The system redirect to the create page.3. The admin fill the required fields .4. The admin clicks on the ‘Create button.5. The system will redirect to index page and display new faculty in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the faculty name , the system will display a warning message ‘faculty name already exists’.	

Table 210: Create faculty



Use Case id	GSE-US-211	
Use Case Name	Edit Faculty	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit university.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the faculty is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the University name.
	Admin Steps	System Steps
		<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of faculty.2. The system redirect to the Edit page.3. The admin edit the faculty information .4. The admin clicks on the ‘Save button.5. The system will redirect to index page and display updated faculty in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the faculty name , the system will display a warning message ‘university name already exists’.
Flow of Events		

Table 211: Edit Faculty

Use Case id	GSE-US-212	
Use Case Name	Delete Faculty	
Initiating Actor	Admin	
Preconditions		<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete faculty.
Postconditions		<ul style="list-style-type: none">redirect to the index page and the faculty is updated in table.
Exceptions		<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the faculty name.
	Admin Steps	System Steps
		<ol style="list-style-type: none">1. The admin will click on the link “trash icon” corresponding to the faculty to be deleted in table in the index page of faculties.2. The system redirect to the Delete page.3. The faculty information to be deleted will displayed in delete page4. The admin clicks on the ‘Delete button.5. The system will redirect to index page and remove the faculty’s information from table.
Flow of Events		

Table 212: Delete faculty



Use Case id	GSE-US-213	
Use Case Name	Shaw All Faculties	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all Faculties.	
Postconditions	<ul style="list-style-type: none">information about specific Faculty displayed.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will choose specific university2. The system will display all faculties according to the university he chooses	

Table 213: show all faculties

Use Case id	GSE-US-214	
Use Case Name	Create Specializations of faculty	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new specialization.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new specialization is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the specialization name according to same faculty.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link "create new " in index page of specializations of faculty.2. The system redirect to the create page.3. The admin fill the required fields .4. The admin clicks on the 'Create' button.5. The system will redirect to index page and display the new specialization in table.6. If the admin has left the fields empty, the system will display a warning message "the fields is required".7. If the admin repeated the specialization name and faculty , the system will display a warning message 'Specialization name already exists'.	

Table 214: create specialization of faculty



Use Case id	GSE-US-215	
Use Case Name	Edit Specilizations of faculty	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit specialization.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the specialization is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the specialization name and faculty.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of specializations of faculty.2. The system redirect to the Edit page.3. The admin edit the specialization information .4. The admin clicks on the ‘Save’ button.5. The system will redirect to index page and display updated specialization in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the faculty name and faculty, the system will display a warning message ‘specialization name already exists’.	
Flow of Events		

Table 215: Edit specialization of faculty

Use Case id	GSE-US-216	
Use Case Name	Delete Specialization	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete specialization.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the specialization is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the specialization name and faculty.	
	Admin Steps	System Steps
	<ol style="list-style-type: none">1. The admin will click on the link “trash icon” corresponding to the specialization to be deleted in table in the index page of specialization of faculty.2. The system redirect to the Delete page.3. The Specialization information to be deleted will displayed in delete page4. The admin clicks on the ‘Delete’ button.5. The system will redirect to index page and remove the specialization’s information from table.	
Flow of Events		

Table 216: Delete Specialization of faculty



Use Case id	GSE-US-217	
Use Case Name	Shaw All Specialization of faculties	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all specialization.	
Postconditions	<ul style="list-style-type: none">information about specific specialization displayed.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will choose university and faculty2. The system will display all specialization according to the faculty he chooses	

Table 217: Show all specialization of faculty

Use Case id	GSE-US-218	
Use Case Name	Create Grades	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new grades.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new grade is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the grade name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link "create new " in index page of grades.2. The system redirect to the create page.3. The admin fill the required fields .4. The admin clicks on the 'Create button.5. The system will redirect to index page and display new grade in table.6. If the admin has left the fields empty, the system will display a warning message "the fields is required".7. If the admin repeated the grade name , the system will display a warning message 'grade already exists'.	

Table 218: create grades



Use Case id	GSE-US-219	
Use Case Name	Edit Grades	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit grades.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the grade is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the grade name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “Edit icon” in table in the index page of grade.The system redirect to the Edit page.The admin edit the grade information .The admin clicks on the ‘Save’ button.The system will redirect to index page and display updated grade in table.If the admin has left the fields empty, the system will display a warning message “the fields is required”.If the admin repeated the grade name , the system will display a warning message ‘grade already exists’.	

Table 219; Edit Grades

Use Case id	GSE-US-220	
Use Case Name	Delete Grades	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete grades.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the grade is removed from the table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the faculty name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “trash icon” corresponding to the grade to be deleted in table in the index page of grades.The system redirect to the Delete page.The grade information to be deleted will displayed in delete pageThe admin clicks on the ‘Delete’ button.The system will redirect to index page and remove the grade’s information from table.	

Table 220: Delete grades



Use Case id	GSE-US-221	
Use Case Name	Shaw All Grades	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all grades.	
Postconditions	<ul style="list-style-type: none">information about specific grade displayed.	
Exceptions	<p>-----</p>	
Flow of Events	Admin Steps	System Steps
	<p>2. The system will display all grades</p>	

Table 221: Show all grades

Use Case id	GSE-US-222	
Use Case Name	Create University Types	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new university type.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new university type is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the university type name.	
Flow of Events	Admin Steps	System Steps
	<p>1. The admin will click on the link “create new” in index page of university types.</p> <p>3. The admin fill the required fields .</p> <p>4. The admin clicks on the ‘Create button.</p>	
	<p>2. The system redirect to the create page.</p> <p>5. The system will redirect to index page and display new university type in table.</p>	
	<p>6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>7. If the admin repeated the university type name , the system will display a warning message ‘university type already exists’.</p>	

Table 222: create university type



Use Case id	GSE-US-223	
Use Case Name	Edit University Types	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit university types.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the university type is updated in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the university type name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “Edit icon” in table in the index page of grade.The system redirect to the Edit page.The admin edit the grade information .The admin clicks on the ‘Save’ button.The system will redirect to index page and display updated university type in table.If the admin has left the fields empty, the system will display a warning message “the fields is required”.If the admin repeated the university type name , the system will display a warning message ‘university type already exists’.	

Table 223: Edit university type

Use Case id	GSE-US-224	
Use Case Name	Delete University Types	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete University Types.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the university type is removed from the table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the university type name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">The admin will click on the link “trash icon” corresponding to the university type to be deleted in table in the index page of university types.The system redirect to the Delete page.The university type information to be deleted will displayed in delete pageThe admin clicks on the ‘Delete’ button.The system will redirect to index page and remove the university type’s information from table.	

Table 224: Delete university type



Use Case id	GSE-US-225	
Use Case Name	Shaw All University Type	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all University Types.	
Postconditions	<ul style="list-style-type: none">information about specific University Type displayed.	
Exceptions	<p>-----</p>	
	Admin Steps	System Steps
Flow of Events	<p>1. The system will display all University Types</p>	

Table 225: Show all university Types

Use Case id	GSE-US-226	
Use Case Name	Create Phases of School	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to create new phases of school.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the new phases of school is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the phases name.	
	Admin Steps	System Steps
Flow of Events	<p>1. The admin will click on the link “create new ” in index page of phases of school.</p> <p>2. The system redirect to the create page.</p> <p>3. The admin fill the required fields .</p> <p>4. The admin clicks on the ‘Create button.</p> <p>5. The system will redirect to index page and display new phase in table.</p> <p>6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>7. If the admin repeated the phase name , the system will display a warning message ‘phase already exists’.</p>	

Table 226: Create phases of school



Use Case id	GSE-US-227	
Use Case Name	Edit phases of school	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Edit phases of school.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the phase is updated in table.	
Exceptions	<p>-----</p>	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “Edit icon” in table in the index page of phases of school.2. The system redirect to the Edit page.3. The admin edit the phase information .4. The admin clicks on the ‘Save’ button.5. The system will redirect to index page and display updated phase in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the phase name , the system will display a warning message ‘phase already exists’.	

Table 227: edit phases of school

Use Case id	GSE-US 228	
Use Case Name	Delete Phases of School	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to delete phases.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the phase is removed from the table.	
Exceptions	<ul style="list-style-type: none">If the admin did not click on the delete button.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “trash icon” corresponding to the university type to be deleted in table in the index page of university types.2. The system redirect to the Delete page.3. The university type information to be deleted will displayed in delete page4. The admin clicks on the ‘Delete’ button.5. The system will redirect to index page and remove the phases’s information from table.	

Table 228:delete phases of school



Use Case id	GSE-US-229
Use Case Name	Shaw All Phases of school
Initiating Actor	Admin
Preconditions	<ul style="list-style-type: none"> The admin must be logged in and has the privilege to see all Phases of school.
Postconditions	<ul style="list-style-type: none"> information about phases of school displayed.
Exceptions	-----
	Admin Steps
	System Steps
	<ol style="list-style-type: none"> 1. The system will display all phases of school
Flow of Events	

Table 229: Show all phases of school

Use Case id	GSE-US-230	
Use Case Name	Create School	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none"> The admin must be logged in and has the privilege to create new school. 	
Postconditions	<ul style="list-style-type: none"> redirect to the index page and the new school is displayed in table. 	
Exceptions	<ul style="list-style-type: none"> If the admin did not fill in the required fields or has repeated the school name. 	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none"> 1. The admin will click on the link “create new ” in index page of schools. 2. The admin fill the required fields . 3. The admin clicks on the ‘Create button. 4. The system redirect to the create page. 5. The system will redirect to index page and display new school in table. 6. If the admin has left the fields empty, the system will display a warning message “the fields is required”. 7. If the admin repeated the school name , the system will display a warning message ‘school already exists’. 	

Table 230: create school



Use Case id	GSE-US-231	
Use Case Name	Edit School	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to edit new school.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the edit school is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the school name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “edit ” in index page of schools.3. The admin fill the required fields .4. The admin clicks on the ‘edit button. <ol style="list-style-type: none">3. The system redirect to the edit page.5. The system will redirect to index page and display edit school in table.6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the school name , the system will display a warning message ‘school already exists’.	

Table 231: Edit school



Use Case id	GSE-US-232	
Use Case Name	delete School	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to Delete school.	
Postconditions	<ul style="list-style-type: none">redirect to the index page and the Deleted school is displayed in table.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields or has repeated the school name.	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The admin will click on the link “Delete” in index page of schools.3. The admin fill the required fields .4. The admin clicks on the ‘Delete button.	
	<ol style="list-style-type: none">4. The system redirect to the Delete page.5. The system will redirect to index page and display new school in table.	
	<ol style="list-style-type: none">6. If the admin has left the fields empty, the system will display a warning message “the fields is required”.7. If the admin repeated the school name , the system will display a warning message ‘school already exists’.	

Table 232: Delete School

Use Case id	GSE-US-233	
Use Case Name	Shaw All Schools	
Initiating Actor	Admin	
Preconditions	<ul style="list-style-type: none">The admin must be logged in and has the privilege to see all schools.	
Postconditions	<ul style="list-style-type: none">information about specific school displayed.	
Exceptions	<ul style="list-style-type: none">If the admin did not fill in the required fields	
	Admin Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. the admin will choose specific state, city, region, and district2. The system will display all schools according to district he choosed	

Table 233: Show all schools



3.3.4 MOBILE APPLICATION API

Use Case id	GSE-US-234	
Use Case Name	Get state	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get State'• the server will return json file contain all states in the database	
Postconditions		
Exceptions	<ul style="list-style-type: none">• if the internet connection of mobile is off	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">2. Mobile app use volley library that take server URL to send request.2. System take request and get requested function.3. System return json file contain all state from database, if there is no data in database system will return empty json file.	

Table 234: Get State



Use Case id	GSE-US-235	
Use Case Name	Get City	
Initiating Actor	Mobile Application	
Preconditions		• Mobile application has the URL of service 'Get City' and id of state.
Postconditions		• The server will return json file contain all Cities specified by state.
Exceptions		• If the internet connection of mobile is off or the id of state not find in database.
	User Steps	System Steps
	2. .Mobile app use volley library that take server URL to send request and set the parameter of this requested function 'Sid' is the id of specific state.	
Flow of Events		2. System take request and get matched with requested function 3. System return json file contain all cities of specified state from database, if there is no data system will return empty json file.

Table 235: Get city



Use Case id	GSE-US-236	
Use Case Name	Get Region	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get Region' and id of city.• the server will return json file contain all Regions specified by city	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of city not find in database.	
	User Steps	System Steps
Flow of Events	2. Mobile app use volley library that take server URL to send request and set parameter of this requested function 'Cid' is the id of specific city.	
	2. System take request and get matched with requested function 3. System return json file contain all regions of specific city from database, if there is no data system will return empty json file.	

Table 236: get region



Use Case id	GSE-US-237	
Use Case Name	Get District	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get District' and id of region .• the server will return json file contain all districts specified by region	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of region not find in database.	
	User Steps	System Steps
Flow of Events	2. Mobile app use volley library that take server URL to send request and set parameter of this requested function 'Rid' is the id of specific region '.	
	2. System take request and get matched with requested function.	
	3. System return json file contain all districts of specific region from database, if there is no data system will return empty json file.	

Table 237: Get district



Use Case id	GSE-US-238	
Use Case Name	Get Government Body	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get Government Body'.	
Postconditions	<ul style="list-style-type: none">• the server will return json file contain all Government body in the database	
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off.	
	User Steps	System Steps
	7. Mobile app use volley library that take server URL to send request.	
	2. System take request and get matched with requested function.	
Flow of Events	3. System return json file contain all government body from database, if there is no data in database system will return empty json file.	

Table 238: get government body



Use Case id	GSE-US-239	
Use Case Name	Get services of Government Body	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service 'Get service of Gov' and id of specified government body.• The server will return json file contain all services specified by government body.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of government body not find in database..	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Govid' is the id of specific government body.2. System take request and get matched with requested function.3. System return json file contain all services of government body from database, if there is no data system will return empty json file.	

Table 239: get services of government



Use Case id	GSE-US-240	
Use Case Name	Get civil registry offices	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Get civil registry offices' and id of specified district.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain all offices specified by district id.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of district is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Did' is the id of specific district.2. System take request and get matched with requested function.3. System return json file contain all civil registry offices from database, if there is no data system will return empty json file.	

Table 240: Get civil registry offices



Use Case id	GSE-US-241	
Use Case Name	Get all children	
Initiating Actor	Mobile Application	
Preconditions	• Mobile application has the URL of service 'Get all children' and id of citizen.	
Postconditions	• The server will return json file contain all children specified by citizen id.	
Exceptions	• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'FId' is the id of specific citizen.	2. System take request and get matched with requested function.
Flow of Events		3. System return json file contain all citizens from database that father id equal parameter 'Fid', if there is no data, the system will return empty json file.

Table 241: Get All children



Use Case id	GSE-US-242	
Use Case Name	Get All Hospitals By Types And District Id	
Initiating Actor	Mobile Application	
Preconditions	<ul style="list-style-type: none">• Mobile application has the URL of service ' Get All Hospitals By Types And District Id ' and id of specified type and id of specified district.• The server will return json file contain all hospitals names, and Ids.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of healthcare type id or district id is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'tid' is the id of specific healthcare type and 'dis' is the id of specific district.2. System take request and get matched with requested function.3. System return json file contain all healthcare Ids and names from database that district id equal parameter 'dis' and type equal parameter 'tid', if there is no data, the system will return empty json file.	

Table 242: Get all hospitals by types and district id



Use Case id	GSE-US-243							
Use Case Name	Get complaint							
Initiating Actor	Mobile Application • Mobile application has the URL of service 'GetComplain' and id of citizen.							
Preconditions	• The server will return json file contain all complaints, specified by citizen id.							
Postconditions	• If the internet connection of mobile is off or the id of citizen is not find in database.							
Exceptions	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.</td><td>2. System take request and get matched with requested function.</td></tr><tr><td></td><td>3. System return json file contain all complaints that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.</td></tr></tbody></table>		User Steps	System Steps	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	2. System take request and get matched with requested function.		3. System return json file contain all complaints that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.
User Steps	System Steps							
1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	2. System take request and get matched with requested function.							
	3. System return json file contain all complaints that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.							
Flow of Events								

Table 243: get complaint



Use Case id	GSE-US-244							
Use Case Name	Get Requests Ambulance							
Initiating Actor	Mobile Application • Mobile application has the URL of service ' Get Request Ambulance ' and id of citizen.							
Preconditions	<ul style="list-style-type: none">The server will return json file contain all requests of ambulance, specified by citizen id.							
Postconditions	<ul style="list-style-type: none">If the internet connection of mobile is off or the id of citizen is not find in database.							
Exceptions	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.</td><td>2. System take request and get matched with requested function.</td></tr><tr><td></td><td>3. System return json file contain all requests of ambulance that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.</td></tr></tbody></table>		User Steps	System Steps	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	2. System take request and get matched with requested function.		3. System return json file contain all requests of ambulance that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.
User Steps	System Steps							
1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific citizen.	2. System take request and get matched with requested function.							
	3. System return json file contain all requests of ambulance that send by citizen from database that citizen id equal parameter 'cId', if there is no data, the system will return empty json file.							
Flow of Events								

Table 244: get requests Ambulance



Use Case id	GSE-US-245	
Use Case Name	Get Responds of complaints	
Initiating Actor	Mobile Application	
	• Mobile application has the URL of service 'Get Respond' and id of specified complaint.	
Preconditions		• The server will return json file contain respond text and date of respond,
Postconditions		specified by complaint id.
Exceptions		• If the internet connection of mobile is off or the id of complaint is not find in database.
	User Steps	System Steps
Flow of Events	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of specific complaint.	2. System take request and get matched with requested function.
		3. System return json file contain all requests of ambulance that send by citizen from database that specified complaint id equal parameter 'cId', if there is no data, the system will return empty json file.

Table 245: get responses of complains



Use Case id	GSE-US-246							
Use Case Name	Get Vaccination Reservations							
Initiating Actor	Mobile Application • Mobile application has the URL of service 'GetVaccinationReservations' and id of citizen.							
Preconditions	<ul style="list-style-type: none">The server will return json file contain vaccination reservations, specified by citizen id.							
Postconditions	<ul style="list-style-type: none">If the internet connection of mobile is off or the id of citizen is not find in database.							
Exceptions	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen.</td><td>2. System take request and get matched with requested function.</td></tr><tr><td></td><td>3. System return json file contain all vaccination reservation that send by citizen from database that citizen id equal parameter 'citizenid', if there is no data, the system will return empty json file.</td></tr></tbody></table>		User Steps	System Steps	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen.	2. System take request and get matched with requested function.		3. System return json file contain all vaccination reservation that send by citizen from database that citizen id equal parameter 'citizenid', if there is no data, the system will return empty json file.
User Steps	System Steps							
1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen.	2. System take request and get matched with requested function.							
	3. System return json file contain all vaccination reservation that send by citizen from database that citizen id equal parameter 'citizenid', if there is no data, the system will return empty json file.							
Flow of Events								

Table 246: get vaccination reservation



Use Case id	GSE-US-247						
Use Case Name	Get All Vaccination Type By child id						
Initiating Actor	Mobile Application • Mobile application has the URL of service ' Get All VaccinationType By CitizenId' and id of child.						
Preconditions	• The server will return json file contain vaccination types names and Ids, specified by child id.						
Postconditions	• If the internet connection of mobile is off or the id of child is not find in database.						
Exceptions	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cti' is the id of specified child.</td><td>2. System take request and get matched with requested function.</td></tr><tr><td></td><td>3. System return json file contain all vaccination types names and Ids that child must vaccinate by it from database that child id must equal parameter 'cti', if there is no data, the system will return empty json file.</td></tr></tbody></table>	User Steps	System Steps	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cti' is the id of specified child.	2. System take request and get matched with requested function.		3. System return json file contain all vaccination types names and Ids that child must vaccinate by it from database that child id must equal parameter 'cti', if there is no data, the system will return empty json file.
User Steps	System Steps						
1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cti' is the id of specified child.	2. System take request and get matched with requested function.						
	3. System return json file contain all vaccination types names and Ids that child must vaccinate by it from database that child id must equal parameter 'cti', if there is no data, the system will return empty json file.						
Flow of Events							

Table 247: get All vaccination type by child Id



Use Case id	GSE-US-248							
Use Case Name	Get All Vaccination Appointment By HealthCare Id							
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service 'Get All Vaccination Appointment ByHealthCareId' and id of specified healthcare.							
Preconditions								
Postconditions	<ul style="list-style-type: none">• The server will return json file contain vaccination appointment, specified by healthcare id.							
Exceptions	<table border="1"><thead><tr><th>User Steps</th><th>System Steps</th></tr></thead><tbody><tr><td>1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'hos' is the id of specified healthcare.</td><td>2. System take request and get matched with requested function.</td></tr><tr><td></td><td>3. System return json file contain all vaccination appointment from database that healthcare id must equal parameter 'hos', if there is no data, the system will return empty json file.</td></tr></tbody></table>		User Steps	System Steps	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'hos' is the id of specified healthcare.	2. System take request and get matched with requested function.		3. System return json file contain all vaccination appointment from database that healthcare id must equal parameter 'hos', if there is no data, the system will return empty json file.
User Steps	System Steps							
1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'hos' is the id of specified healthcare.	2. System take request and get matched with requested function.							
	3. System return json file contain all vaccination appointment from database that healthcare id must equal parameter 'hos', if there is no data, the system will return empty json file.							
Flow of Events								

Table 248: get all vaccination appointment by healthcare



Use Case id	GSE-US-249	
Use Case Name	Get All HealtCares ByVaccinationType HealthcareType And DistrictId	
Initiating Actor	Mobile Application • Mobile application has the URL of service ' Get All HealtCares ByVaccinationType HealthcareType And DistrictId' and id of specified healthcare type , id of specified vaccination type ,and id of specified district	
Preconditions		
Postconditions		
Exceptions	• If the internet connection of mobile is off or the id of healthcare type, vaccination tyoe, or district is not find in database.	
	User Steps	System Steps
Flow of Events	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'HCTId' is the id of specified healthcare type, 'VtId' is the id of specified vaccination type and 'Did' is the id of specified district.	2. System take request and get matched with requested function.
		3. System return json file contain all healthcare names and Ids from database that healthcare type id must equal parameter 'HCTId ',vaccination type id must equal parameter 'VtId',and district id must equal parameter 'Did', if there is no data, the system will return empty json file.

Table 249: get all healthcare by vaccination type



Use Case id	GSE-US-250	
Use Case Name	Get Doctor Reservations	
Initiating Actor	<p>Mobile Application</p> <ul style="list-style-type: none">• Mobile application has the URL of service 'GetDoctorReservations' and id of citizen.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain Doctor reservations, specified by citizen id.	
Postconditions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
Exceptions		
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen.2. System take request and get matched with requested function.3. System return json file contain all doctor reservation that send by citizen from database that citizen id must equal parameter 'citizenid', if there is no data, the system will return empty json file.	

Table 250: Get doctor reservation



Use Case id	GSE-US-251	
Use Case Name	Send Complaint	
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service ' Send Complaint' and id of citizen ,id of government body ,and complaint text and may include citizen national id	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of citizen, 'GovId' is id of specified government body,'comText' is the complaint text ,and may include 'NId' is the national id of citizen .2. System take request and get matched with requested function.3. System return successful message 'Complaint has been sent successfully', if missing any parameter the system return fail message 'Try again later'.	

Table 251: send complaints



Use Case id	GSE-US-252	
Use Case Name	Request Ambulance	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Request Ambulance' and id of citizen 'details, latitude and longitude.	
Preconditions	<ul style="list-style-type: none">The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of citizen, 'lat' is the latitude , 'long' is the longitude ,and 'details' is the details of request .	
	2. System take request and get matched with requested function.	
Flow of Events	3. System return successful message 'The request has been sent successfully. We will arrive soon', if missing any parameter the system return fail message 'Try again later'.	

Table 252: request ambulance



Use Case id	GSE-US-253	
Use Case Name	Cancel Vaccination Reservations	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Cancel Vaccination Reservations' id of citizen and id of specified vaccination reservation.	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen, and 'VaccReservation_id' is the id of specified vaccination reservation ,2. System take request and get matched with requested function.3. System return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.	

Table 253: cancel vaccination reservation



Use Case id	GSE-US-254	
Use Case Name	Cancel Doctor Reservations	
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service 'Cancel Doctor Reservations' id of citizen and id of specified Doctor reservation.	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'citizenid' is the id of citizen, and 'Reservation_id' is the id of specified doctor reservation.2. System take request and get matched with requested function.3. System return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.	

Table 254: cancel doctor reservation



Use Case id	GSE-US-255	
Use Case Name	Get Violations	
Initiating Actor	<p>Mobile Application</p> <ul style="list-style-type: none">• Mobile application has the URL of service 'Get Violations' and id of citizen.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain all violations, specified by citizen id.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'cId' is the id of citizen.2. System take request and get matched with requested function.3. System return json file contain all violations from database that citizen id must equal parameter 'cId', if there is no data, the system will return empty json file.	

Table 255: get violation



Use Case id	GSE-US-256	
Use Case Name	Reserve Vaccination	
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service ' Reserve Vaccination ' and id of citizen ,id of specified child , id of specified vaccination type ,id of specified health care , and id of specified appointment .• The server will return successful message.	
Preconditions		
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Citizen_id' is the id of citizen,'child_id' is id of specified child,'VaccinationType_id' is the id of specified vaccination type, and 'HealthCare_id' id of specified HealthCare, and 'schedule' is id of specified appointment.2. System take request and get matched with requested function.3. The system will send e-mail send to citizen includes details and return Successful message 'Successfully reserved check your email '.4. If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.5. If day is get full the system will return message ' day is full choose another day".	

Table 256: reserve vaccination



Use Case id	GSE-US-257	
Use Case Name	Reserve Doctor Appointment	
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service ' Reserve Doctor Appointment' and id of citizen ,id of specified doctor, id of specified healthcare, and id of specified appointment.• The server will return successful message.• If the internet connection of mobile is off or the id of citizen is not find in database.	
Preconditions		
Postconditions		
Exceptions		
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Citizen_id' is the id of citizen,'hospital_id' is id of specified healthcare,'doctor_id' is the id of specified doctor ,and 'schedule' is id of specified appointment.2. System take request and get matched with requested function.3. The system will send e-mail to citizen includes details and return Successful message 'Successfully reserved check your email '.4. If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.5. If day is get full the system will return message ' day is full choose another day'.	

Table 257: reserve doctor appointment



Use Case id	GSE-US-258	
Use Case Name	Get Requests	
Initiating Actor	Mobile Application	• Mobile application has the URL of service 'Get Requests' and id of citizen.
Preconditions		• The server will return json file contain all services requests, specified by citizen id.
Postconditions		• If the internet connection of mobile is off or the id of citizen is not find in database.
Exceptions	User Steps	System Steps
Flow of Events	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'request_citizenId' is the id of citizen.	2. System take request and get matched with requested function. 3. System return json file contain all services requests that send by citizen from database that citizen id must equal parameter 'request_citizenId', if there is no data, the system will return empty json file.

Table 258: Get requests



Use Case id	GSE-US-259	
Use Case Name	Get Reservations of Gov	
Initiating Actor	Mobile Application	
	• Mobile application has the URL of service 'Get Reservations of Gov' and id of citizen.	
Preconditions		
Postconditions	• The server will return json file contain all government body Reservations, specified by citizen id.	
Exceptions	• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'reservation_citizen_id' is the id of citizen.	2. System take request and get matched with requested function. 3. System return json file contain all government body reservations that send by citizen from database that citizen id must equal parameter 'reservation_citizen_id', if there is no data, the system will return empty json file.

Table 259: get reservation of government



Use Case id	GSE-US-260	
Use Case Name	Send Request	
Initiating Actor	Mobile Application <ul style="list-style-type: none">• Mobile application has the URL of service ' Send Request' and id of citizen , address of place of receive, language of document, quantity , id of government body ,and id of service• The server will return successful message.• If the internet connection of mobile is off or the id of citizen is not find in database.	
Preconditions		
Postconditions		
Exceptions		
	User Steps	System Steps
	1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'request_citizenId' is the id of citizen, 'address' is place of receive request , 'language' is language is of document , 'quantity' is number of copies,'service' is id of specified service, and 'governmentAgency' is id of specified government body.	2. System take request and get matched with requested function.
Flow of Events		3 The system will return successful message 'Successful send'. 4.if the citizen already reserve this service the system will return message 'Already requested the same service '.

Table 260: send request



Use Case id	GSE-US-261	
Use Case Name	Reserve Appointment	
Initiating Actor	Mobile Application • Mobile application has the URL of service ' Reserve Appointment ' and id of citizen 'date of appointment, office of government body , and service	
Preconditions	<ul style="list-style-type: none">The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function'reservation_citizenId' is the id of citizen , 'reservation_date' is date of appointment,'reservation_office_id' is id of specified office ,and 'service' is id of specified service.2. System take request and get matched with requested function.3 System will return successful message 'Successful Reserved'.4. If the day full the system return message ' day full, choose another day'.5. If the citizen has already reservation in this day and in same office, the system will return 'you have reserved in this office once at that date ' .	

Table 261: Reserve appointment



Use Case id	GSE-US-262	
Use Case Name	Change Pin Number	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Change Pin Number' and id of citizen,	
Preconditions	<ul style="list-style-type: none">• The server will return successful message.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off or the id of citizen is not find in database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenId' is the id of citizen, 'new_pass' is new pin number2. System take request and get matched with requested function.3. System encrypt new pin number and select citizen by id and change pin number by new pin number.4. if system change pin number the system will return message 'Successful change pin Number', if system cant select citizen then system return 'can't change pin number'	

Table 262change pin number



Use Case id	GSE-US-263	
Use Case Name	Login with Pin Number	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Login with Pin Number', national id, and pin number.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain citizen data.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenNId' is the national id of citizen, 'Login_Password' is pin number2. System take request and get matched with requested function.3. System encrypt pin number and try to get citizen has this national id and pin number4.if system find citizen will return json contain citizen data5.if system can't find citizen will return empty json file	

Table 263: login with pin number



Use Case id	GSE-US-264	
Use Case Name	Login With QR code	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Login With QR code', national id, and QR code.	
Preconditions	<ul style="list-style-type: none">• The server will return json file contain citizen data.	
Postconditions		
Exceptions	<ul style="list-style-type: none">• If the internet connection of mobile is off.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'Login_CitizenNId' is the national id of citizen, 'Login_QRcode' is QR code2. System take request and get matched with requested function.3. System try to get citizen has this national id and QR code4. if system find citizen will return json contain citizen data5. if system can't find citizen will return empty json file	

Table 264:login with QR code



Use Case id	GSE-US-265	
Use Case Name	Get All Sepc By HospitalId	
Initiating Actor	Mobile Application • Mobile application has the URL of service ' Get All Sepc By HospitalId ' and id of healthcare	
Preconditions	<ul style="list-style-type: none">The server will return json file contain all specialization names, and Ids.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the internet connection of mobile is off.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'hid' is the id of specified healthcare.2. System take request and get matched with requested function.3. System return json file contain all specialization names and Ids from database that healthcare id must equal parameter 'hid', if there is no data, the system will return empty json file.	

Table 265: get al specialization by hospital idl



Use Case id	GSE-US-266	
Use Case Name	Get schedule Doctor	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Get schedule Doctor' and id of doctor	
Preconditions	• The server will return json file contain all doctor appointments in healthcare.	
Postconditions		
Exceptions	• If the internet connection of mobile is off.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'docId' is the id of specified doctor.2. System take request and get matched with requested function.3. System return json file contain all doctor appointments from database that doctor id must equal parameter 'docId', if there is no data, the system will return empty json file.	

Table 266: get doctor schedule



Use Case id	GSE-US-267	
Use Case Name	Get All doctors By SpecId	
Initiating Actor	Mobile Application • Mobile application has the URL of service 'Get All doctors By SpecId' and id of specialization and id of healthcare	
Preconditions	<ul style="list-style-type: none">The server will return json file contain all doctor names and Ids.	
Postconditions		
Exceptions	<ul style="list-style-type: none">If the internet connection of mobile is off.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Mobile app use volley library that take server URL to send request and set the parameter of this function 'sid' is the id of specified specialization, and 'hoss' is id of specified healthcare.2. System take request and get matched with requested function.3. System return json file contain all doctor names and Ids from database that specialization id must equal parameter 'sid' and healthcare id must equal parameter 'hoss', if there is no data, the system will return empty json file.	

Table 267: get all doctor by specialization id



3.3.5 MOBILE APPLICATION

Use Case id	GSE-US-268	
Use Case Name	Book appointment with doctor	
Initiating Actor	Citizen	
Preconditions	• Citizen must be logged in and has the privilege to Book appointment with doctor.	
Postconditions	• A successful message is displayed, the data saved and citizen get email includes details.	
Exceptions	• None.	
	User Steps	System Steps
Flow of Events	1. Citizen click on card of book appointment with doctor. 3. Citizen select specialization, healthcare type, state, city, region and district from dropdown 5. Citizen select hospital from dropdown. 7. Citizen select doctor from dropdown. 9. Citizen select appointment from dropdown. 11. Citizen click on Reserve button.	2. The system will get data of (Specialization, Healthcare type, state, city, region and district) and put on dropdown for each one of them. 4. The system will get names of available (Hospital) on dropdown. 6. System will get names of available doctors on dropdown. 8. The system will get all available doctor appointments. 10. The system will Displays a confirmation message 'Are you want to reserve this appointment'. 12. The system will send e-mail to citizen includes details and display Successful message 'Successfully reserved check your email'. 13.if the citizen already reserve on this day the system will display message 'you are already reserved on this day'.

Table 268: book appointment with doctor



Use Case id	GSE-US-269	
Use Case Name	Book appointment to vaccination	
***Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The user must be logged in and has the privilege to Book appointment to vaccination and has children.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed, the data saved and citizen get email includes details.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of book appointment to vaccination.3. Citizen select child would to vaccinate him, from dropdown.5. Citizen select Vaccination type, healthcare type, state, city, region, and district from dropdown7. Citizen Select Hospital from down.9. Citizen Select Appointment from dropdown.11. Citizen click on Reserve button.	<ol style="list-style-type: none">2. The system will get names of his children that allowed to vaccinate and put on dropdown.4. The system will get Vaccination types that allowed to his child and data of (healthcare type, state, city, region and district) on dropdown.6. System will get names of available Hospitals on dropdown.8. The system will get all available appointments.10. The system will Displays a confirmation message 'Are you want to reserve this appointment'.12. The system will send e-mail send to citizen includes details and display Successful message 'Successfully reserved check your email'.13. if the citizen already reserve on this day the system will display message 'you are already reserved on this day'

Table 269: Book appointment to vaccination



Use Case id	GSE-US-270	
Use Case Name	Show reservations of vaccination appointments	
Initiating Actor	Citizen • The user must be logged in and has the privilege to Show reservation of vaccination appointments	
Preconditions	• The reservations of vaccinations are displayed.	
Postconditions		
Exceptions	• None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of child vaccinations reservations list.2. The system will get all reservations to vaccination.3. If there is no reservations the system display message ' No reservation yet '.	

Table 270: Show reservation of vaccination appointment

Use Case id	GSE-US-271	
Use Case Name	Show reservations of doctor appointments	
Initiating Actor	Citizen • The Citizen must be logged in and has the privilege to Show reservation of doctor appointments	
Preconditions		
Postconditions	• The reservations of doctors are displayed.	
Exceptions	• None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of doctor reservations list.2. The system will get all reservations to doctors.3. If there is no reservations the system display message ' No reservation yet '.	

Table 271: Show reservation of doctor appointment



Use Case id	GSE-US-272	
Use Case Name	Request an ambulance	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to request an ambulance.	
Postconditions	<ul style="list-style-type: none">A successful message is displayed, and data saved.	
Exceptions	<ul style="list-style-type: none">If citizen don't enter details on field of it.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of request an ambulance.2. System will open the map and there is marker on current location.3. If GPS is not enable the system will display popup message to enable it.4. Citizen click on send icon.5. The system will display popup screen to enter details.6. Citizen enter details on field of it.7. Citizen click on yes button.8. System will display message 'The request has been sent successfully. We will arrive soon'.	

Table 272: request an ambulance



Use Case id	GSE-US-273	
Use Case Name	Show requests of ambulance	
Initiating Actor	Citizen <ul style="list-style-type: none">Citizen must be logged in and has the privilege to view requests of ambulance.	
Preconditions	<ul style="list-style-type: none">List of requests of ambulance are displayed.	
Postconditions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
Exceptions		
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of Request an ambulance list.2. The system will display List of requests of an ambulance.3. Citizen press long click on any item on list.4. System will display pop-up menu that have one option 'show in Map'5. Citizen click on option 'Show in Map'.6. System will open map and marker on place of request ambulance.	

Table 273: Show request of ambulance



Use Case id	GSE-US-274	
Use Case Name	Search on Requests of ambulance	
Initiating Actor	Citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view Requests of ambulance.
Postconditions		<ul style="list-style-type: none">Matched Request data with the date or details entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of Request an ambulance list.3. Citizen click on search icon.5. Citizen enter data to be searched for	<ol style="list-style-type: none">2. The system will display List of requests of an ambulance.4. System will open field to enter data related to request data.6. System will get all matched requests with the data entered.

Table 274: search request of ambulance



Use Case id	GSE-US-275	
Use Case Name	Search on List of Doctor Reservations	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view List of Doctor Reservations.	
Postconditions	<ul style="list-style-type: none">Matched Reservations with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of doctor reservations list.3. Citizen click on search icon.5. Citizen enter the data to be searched for	<ol style="list-style-type: none">2. The system will display List of requests of an ambulance.4. System will open field to enter data related to reservation data.6. System will get all matched reservations with the text entered.

Table 275: Search on list of doctor reservation



Use Case id	GSE-US-276	
Use Case Name	Search on List of Vaccination Reservations	
Initiating Actor	Citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view List of Vaccination Reservations.
Postconditions		<ul style="list-style-type: none">Matched Reservations with the text entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of child vaccinations reservations list.3. Citizen click on search icon.5. Citizen enter the data to be searched for	<ol style="list-style-type: none">2. The system will display List of child vaccinations reservations.4. System will open field to enter data related to vaccinations reservation data.6. System will get all matched vaccinations reservations with the text entered.

Table 276: Search on list of vaccination reservation



Use Case id	GSE-US-277	
Use Case Name	Search on List of Complaints	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view List of Complaints.	
Postconditions	<ul style="list-style-type: none">Matched Complaints with the text entered are displayed.	
Exceptions	<ul style="list-style-type: none">The data entered has no matches in the database.	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on menu icon and click on Complaints list.2. Citizen click on search icon.3. Citizen enter the data to be searched for	<ol style="list-style-type: none">1. The system will display List of complaints.2. System will open field to enter data related to Complaint data.3. System will get all matched complaints with the text entered.

Table 277: Search on list of complaints



Use Case id	GSE-US-278	
Use Case Name	Search on List of Traffic violations	
Initiating Actor	Citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view List of traffic violations.
Postconditions		<ul style="list-style-type: none">Matched traffic violations with the text entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of Traffic violations.3. Citizen click on search icon.5. Citizen enter the data to be searched for	<ol style="list-style-type: none">2. The system will display List of Traffic violations.4. System will open field to enter data related to traffic violations data.6. System will get all matched traffic violations with the text entered.

Table 278: Search on list of traffic violation



Use Case id	GSE-US-279	
Use Case Name	Show Traffic violations	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The Citizen must be logged in and has the privilege to access traffic violations list.	
Postconditions	<ul style="list-style-type: none">The traffic violations list are displayed.	
Exceptions	<ul style="list-style-type: none">None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of traffic violations.2. The system will get all traffic violations of citizen.3. If there is no traffic violations the system display message ' No Information Yet '.	

Table 279: show traffic violations

Use Case id	GSE-US-280	
Use Case Name	Show Complaint list	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Complaint list.	
Postconditions	<ul style="list-style-type: none">The complaints list are displayed.	
Exceptions	<ul style="list-style-type: none">None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. The citizen click on menu icon and then select complaints list.2. System will display List of complaints.	

Table 280: Show complaint list



Use Case id	GSE-US-281	
Use Case Name	Change password	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to change password	
Postconditions	<ul style="list-style-type: none">Successful message displayed and logout from application.	
Exceptions	<ul style="list-style-type: none">Citizen enter wrong password or enter new password not in specified range.	
	User Steps	System Steps
	1. The citizen click on menu icon and then select change password.	2. System will display pop-up screen with fields to enter current password, new password,
	3. Citizen enter current password, password, and confirm password and confirm password.	3. Citizen enter current password, password, and confirm password and confirm password.
	4. Citizen click on 'change' button.	5. system will display successful message " 6. if citizen enter wrong current password ,system will display message 'wrong current password' 7. if citizen enter different password in fields of new and confirm password ,system will display message 'not matched'

Table 281: change password



Use Case id	GSE-US-282	
Use Case Name	Cancel Doctor Reservation	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and have reservation and has the privilege to open or access the doctor reservations list.	
Postconditions	<ul style="list-style-type: none">The Successful message is displayed reservation is canceled.	
Exceptions	<ul style="list-style-type: none">None	
User Steps	System Steps	
1. The citizen click on card of doctor reservations list	2. The system will get all doctors reservations.	
	3. If there is no reservations the system display message 'No reservation yet'.	
4. The citizen .press long click on item in list.		
	5.the system will display pop-up menu with option 'cancel'	
6.citizen click on option 'cancel'	7. System will display popup dialog with confirmation message 'Are you want to Delete this appointment' and two button 'cancel' and 'delete'.	
8. Citizen click on 'delete' button.		
	9.system will display message 'Reservation Canceled'	
11.if citizen click on 'cancel' Button.	10. If the reservation is old the system will display message 'An old reservation cannot be canceled'.	
	12. System will close popup dialog with no action.	

Table 282: cancel doctor reservation



Use Case id	GSE-US-283	
Use Case Name	Cancel Vaccination Reservation	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and have reservation and has the privilege to open or access the Vaccinations reservations list.	
Postconditions	<ul style="list-style-type: none">The Successful message is displayed reservation is canceled.	
Exceptions	<ul style="list-style-type: none">None	
	User Steps	System Steps
	1. The citizen click on card of Vaccinations reservations list	
	2. The system will get all vaccination reservations.	
	3. If there is no reservations the system display message ' No reservation yet '.	
	4. The citizen .press long click on item in list.	
	5.the system will display pop-up menu with option 'cancel'	
	6.citizen click on option 'cancel'	
	7. System will display popup dialog with confirmation message 'Are you want to Delete this appointment' and two button 'cancel' and 'delete'.	
	8. Citizen click on 'delete' button.	
	9.system will display message 'Reservation Canceled'	
	10. If the reservation is old the system will display message 'An old reservation cannot be canceled'.	
	11.if citizen click on 'cancel' Button.	
	12. System will close popup dialog with no action.	

Table 283: cancel vaccination reservation



Use Case id	GSE-US-284	
Use Case Name	Show Responses of Complaints	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Complaint list.	
Postconditions	<ul style="list-style-type: none">The response of complaint is displayed.	
Exceptions	<ul style="list-style-type: none">None	
	User Steps	System Steps
	1. The citizen click on menu icon and then select complaints list.	2. System will display List of complaints.
	3. Citizen press long on item in list.	4.the system will display pop-up men with one option 'Show Response'
	5.citizen click on option 'show Response'	6. System will display pop-up screen content the response and date of response.
		7. If there is no response the system will display message ' No Respond yet '.

Table 284: show requests of complaints



Use Case id	GSE-US-285	
Use Case Name	Show Hospitals	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Show places near me.	
Postconditions	<ul style="list-style-type: none">The map is opened and marker on the current place and markers on the Hospitals near on current location.	
Exceptions	<ul style="list-style-type: none">If the citizen doesn't enable the GPS.	
	User Steps	System Steps
	1. The citizen click on menu icon and then select show places near me. 3.citizen click on button 'Hospitals'	2. System will open the map with marker on the current location. 4. System will display markers on hospitals near current location. 5. If the GPS don't enabled the system will display pop-up screen to enable GPS. 6-if the system can't determine hospitals near citizen, the system will display message 'Change you location and try again'.

Table 285: show hospitals



Use Case id	GSE-US-286	
Use Case Name	Show Schools	
Initiating Actor	Citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Show places near me.
Postconditions		<ul style="list-style-type: none">The map is opened and marker on the current place and markers on the Schools near on current location.
Exceptions		<ul style="list-style-type: none">If the citizen doesn't enable the GPS.
	User Steps	System Steps
	1. The citizen click on menu icon and then select show places near me. 3.citizen click on button 'Schools'	2. System will open the map with marker on the current location. 4. System will display markers on schools near current location. 5. If the GPS don't enabled the system will display pop-up screen to enable GPS. 6-if the system can't determine schools near citizen, the system will display message 'Change you location and try again'.

Table 286: show schools



Use Case id	GSE-US-287	
Use Case Name	Show Restaurants	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Show places near me.	
Postconditions	<ul style="list-style-type: none">The map is opened and marker on the current place and markers on the restaurants near on current location.	
Exceptions	<ul style="list-style-type: none">If the citizen doesn't enable the GPS.	
	User Steps	System Steps
	1. The citizen click on menu icon and then select show places near me. 3.citizen click on button 'Restaurants'	2. System will open the map with marker on the current location. 4. System will display markers on restaurants near current location. 5. If the GPS don't enabled the system will display pop-up screen to enable GPS. 6-if the system can't determine restaurants near citizen, the system will display message 'Change you location and try again'.

Table 287show restaurants



Use Case id	GSE-US-288	
Use Case Name	Search for place on map	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the Show places near me screen.	
Postconditions	<ul style="list-style-type: none">The map is opened and marker on the current place and markers on the searched places.	
Exceptions	<ul style="list-style-type: none">If the citizen doesn't enable the GPS.	
	User Steps	System Steps
	1. The citizen click on menu icon and then select show places near me.	2. System will open the map with marker on the current location.
	3. citizen enter text on field of search and click on button search.	4. System will display marker on place searched for.
		5. If the GPS don't enabled the system will display pop-up screen to enable GPS.
		6-if the system can't determine place searched for, the system will display message ' Try again with clear text '.

Table 288: search for place in maps



Use Case id	GSE-US-289	
Use Case Name	Send complaint	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to open or access the send complaint screen.	
Postconditions	<ul style="list-style-type: none">The successful message displayed and complaint sent.	
Exceptions	<ul style="list-style-type: none">None.	
	User Steps	System Steps
	1. The citizen click on send complaint.	2. System will open screen of send complaint and get the government body names and put in dropdown.
	3. Citizen select name of government body from dropdown	
	4. Citizen enter the complaint in field of it and enter his national id is optional.	
	5. Citizen click on send icon.	6. the system will display confirmation message 'Are you want to send this complaint'
	7. Citizen click on send.	8. System will display successful message 'Complaint has been sent successfully'.

Table 289: send complain



Use Case id	GSE-US-290	
Use Case Name	Show List of Requests	
Initiating Actor	Citizen • The Citizen must be logged in and has the privilege to access list of requests screen.	
Preconditions		
Postconditions	• The requests list are displayed.	
Exceptions	• None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of list of Requests.2. The system will get all Requests of citizen.3. If there is no Requests the system display message 'No Requests yet'.	

Table 290: show list of requests

Use Case id	GSE-US-291	
Use Case Name	Show reservations of Government Body	
Initiating Actor	Citizen • The Citizen must be logged in and has the privilege to access list of government body reservations screen.	
Preconditions		
Postconditions	• The government body reservations list are displayed.	
Exceptions	• None	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of list of Reservations.2. The system will get all government body reservations of citizen.3. If there is no government body reservations the system display message 'No Reservations yet'.	

Table 291: show reservations of government



Use Case id	GSE-US-292	
Use Case Name	Search on List of Requests	
Initiating Actor	Citizen	
Preconditions		<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view List of Requests.
Postconditions		<ul style="list-style-type: none">Matched Requests with the text entered are displayed.
Exceptions		<ul style="list-style-type: none">The data entered has no matches in the database.
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of list of Requests.4. Citizen click on search icon.6. Citizen enter the data to be searched for	<ol style="list-style-type: none">2. The system will display List requests.3. If there is no Requests the system display message 'No Requests yet'.5. System will open field to enter data related to request data.7. System will get all matched requests with the text entered.

Table 292: search on list of requests



Use Case id	GSE-US-293	
Use Case Name	Request Service	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view Requests screen.	
Postconditions	<ul style="list-style-type: none">Successfully message displayed and data send.	
Exceptions	<ul style="list-style-type: none">if citizen doesn't select service or enter the address of receipt place .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of Requests.2. The system will get names of government body and put on dropdown of it.3.citizen select the name of government body from dropdown.4. The system will get all services of selected government body and put on dropdown of it5. Citizen select the service from dropdown.6. Citizen select the language of document that he want (Arabic or English).7. citizen determine the number of copies of document8. Citizen click on send icon.9.the system will display popup screen With field to enter the place of receipt10. Citizen enter address of receipt place.11.citizen click on yes button12. The system will display confirmation message.13. Citizen click on send button.14. The system will display successful message 'Successful send'.15.if the citizen already reserve this service the system will display message 'Already requested the same service '.	

Table 293: request service



Use Case id	GSE-US-294	
Use Case Name	Book appointments in Government body	
Initiating Actor	Citizen	
Preconditions	<ul style="list-style-type: none">The citizen must be logged in and has the privilege to view Reservations screen.	
Postconditions	<ul style="list-style-type: none">Successfully message displayed and data send.	
Exceptions	<ul style="list-style-type: none">if citizen doesn't select office or service or select date from date picker .	
	User Steps	System Steps
Flow of Events	<ol style="list-style-type: none">1. Citizen click on card of Reservations.2. The system will get (Government body, state, city, region, district, office and service) and put on dropdown for each one of them.3. citizen select Government body, state ,city, region and district from drop down of each them.4. Citizen select office and service from dropdown of them.5. Citizen select the date from date picker.6. Citizen click on send icon.7. System display pop-up screen with confirmation message 'Are you want to reserve this appointment?'8. Citizen click on reserve button.9. System will display successful message 'Successful Reserved'.10. If the day full the system display message ' day full, choose another day'.11. If the citizen has already reservation in this day and in same office, the system will display ' you have reserved in this office once at that date '.	

Table 294: book appointment in government body



3.4 SCENARIOS

3.4.1 ATM APPLICATION

Show all government bodies

Scenario ID	GSE-SC-1
Scenario Name	Show all government bodies
Actors	Admin The admin will log in to the system then from the side bar click on the “government bodies” button, the system will redirect to the index page of government bodies then it will display all government bodies
Normal	

Create new Government bodies

Scenario ID	GSE-SC-2
Scenario Name	Create new Government bodies
Actors	Admin The admin will log in to the system then from the side bar click on the “Government bodies” button, the system will redirect to the index page of government bodies, admin will click on create new, system will redirect to create page of government bodies, admin will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the government bodies name, the system will display a warning message ‘ government bodies already exists’
Normal	

Edit Government bodies

Scenario ID	GSE-SC-3
Scenario Name	Edit Government bodies
Actors	Admin The admin will log in to the system then from the side bar click on the “Government bodies” button, admin will click on edit icon that displayed in each row for Government bodies information, system will redirect to edit page of Government bodies and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the Government body name, the system will display a warning message ‘ Government body already exists’
Normal	



Delete Government bodies

Scenario ID	GSE-SC-4
Scenario Name	Delete Government bodies
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Government bodies” button, admin will click on delete icon that displayed in each row for each Government bodies information, system will redirect to delete page of Government bodies and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of Government bodies , all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

Show all Deceased

Scenario ID	GSE-SC-5
Scenario Name	Show all Deceased
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Deceased” button, the system will redirect to the index page of Deceased, admin will select the national id from drop-down list, the system will display all deceased information of the selected national id.</p>
Normal	

Create Deceased

Scenario ID	GSE-SC-6
Scenario Name	Create Deceased
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Deceased” button, the system will redirect to the index page of Deceased, admin will click on create new, system will redirect to create page of deceased, admin will fill the fields in this page the click on create button, system will redirect to the index page of services and show the new information in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the deceased, the system will display a warning message ‘already died’</p>
Normal	

[Edit Deceased](#)

Scenario ID	GSE-SC-7
Scenario Name	Edit Deceased
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “ Deceased” button, the system will redirect to the index page of Deceased, admin will click on edit icon that displayed in each row for each Deceased, system will redirect to edit page of Deceased and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the Deceased, the system will display a warning message ‘Already died’</p>
Normal	
Delete Deceased	

Scenario ID	QAMS-SC-8
Scenario Name	Delete Deceased
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “ Deceased ” button, the system will redirect to the index page of Deceased , admin will click on delete icon that displayed in each row for each Deceased , system will redirect to delete page of Deceased and display all its information, system will ask the admin if he sure to delete this data, if admin is sure he will click on delete button, system will redirect to index page of it and the data will be deleted, if admin is not sure he will click on back to list, system will redirect to the index page of it and no data will be deleted</p>
Normal	

[Delete Deceased](#)

Scenario ID	GSE-SC-9
Scenario Name	Show all Services
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “ Services ” button, the system will redirect to the index page of Services, admin will select the government body from drop-down list, the system will display all Services of the selected government body.</p>
Normal	



Create Services

Scenario ID	GSE-SC-10
Scenario Name	Create Services
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Services” button, the system will redirect to the index page of services, admin will click on create new, system will redirect to create page of services, admin will fill the fields in this page the click on create button, system will redirect to the index page of services and show the new information in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the service name, the system will display a warning message ‘service already exists’</p>
Normal	

Edit Service

Scenario ID	GSE-SC-11
Scenario Name	Edit Service
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “services” button, the system will redirect to the index page of services, admin will click on edit icon that displayed in each row for each services , system will redirect to edit page of services and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the services name, the system will display a warning message ‘ services already exists’</p>
Normal	

Delete Service

Scenario ID	QAMS-SC-12
Scenario Name	Delete Service
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “ services ” button, the system will redirect to the index page of Services, admin will click on delete icon that displayed in each row for each Services , system will redirect to delete page of services and display all its information, system will ask the admin if he sure to delete this data, if admin is sure he will click on delete button, system will redirect to index page of it and the data will be deleted, if admin is not sure he will click on back to list, system will redirect to the index page of it and no data will be deleted</p>
Normal	

**Show all requests**

Scenario ID	GSE-SC-13
Scenario Name	Show all Requests
Actors	Admin The admin will log in to the system then from the side bar click on the “ Requests” button, the system will redirect to the index page of requests then it will display all requests from old to new of all citizen
Normal	

Show all requests

Scenario ID	GSE-SC-14
Scenario Name	Show all Requests
Actors	Citizen The citizen will log in to the system then from the side bar click on the “ Requests” button, the system will redirect to the index page of requests then it will display all requests from old to new of this citizen
Normal	

create new request

Scenario ID	GSE-SC-15
Scenario Name	Create new requests
Actors	Admin The admin will log in to the system then from the side bar click on the “Requests” button, the system will redirect to the index page of requests, admin will click on create new, system will redirect to create page of requests, admin will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated request same service and old is not finished yet, the system will display a warning message ‘ this request already exist’
Normal	

Create new requests

Scenario ID	GSE-SC-16
Scenario Name	Create new requests
Actors	citizen The citizen will log in to the system then from the side bar click on the “Requests” button, the system will redirect to the index page of requests, citizen will click on create new, system will redirect to create page of requests, citizen will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in tabl
Normal	



[show all reservations](#)

Scenario ID	GSE-SC-17
Scenario Name	Show all Reservation
Actors	admin The admin will log in to the system then from the side bar click on the “reservations” button, the system will redirect to the index page of reservations then it will display all reservations from old to new of all citizens.
Normal	

[create new reservation](#)

Scenario ID	GSE-SC-18
Scenario Name	Create new reservations
Actors	Admin The admin will log in to the system then from the side bar click on the “Reservations” button, the system will redirect to the index page of reservations, admin will click on create new, system will redirect to create page of reservations, admin will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated reserve appointment at the same date , the system will display a warning message ‘ this reservation already exist’
Normal	

[Show all Reservations](#)

Scenario ID	GSE-SC-19
Scenario Name	Show all Reservations
Actors	Citizen The citizen will log in to the system then from the side bar click on the “ Reservations ” button, the system will redirect to the index page of reservations then it will display all reservations from old to new of this citizen
Normal	



Create new reservations

Scenario ID	GSE-SC-20
Scenario Name	Create new reservations
Actors	<p>citizen</p> <p>The citizen will log in to the system then from the side bar click on the “Reservations” button, the system will redirect to the index page of reservations, citizen will click on create new, system will redirect to create page of reservations, citizen will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in table.</p> <p>If the citizen has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the citizen repeated reserve appointment at the same date , the system will display a warning message ‘this reservation already exist’</p>
Normal	

Export Birth Certificate

Scenario ID	GSE -SC-21
Scenario Name	Exporting birth certificate
Actors	<p>ATM user</p> <p>The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.</p>
Normal	

Export death certificate

Scenario ID	GSE -SC-22
Scenario Name	Exporting Death certificate
Actors	<p>ATM user</p> <p>The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.</p>
Normal	

Export marriage certificate

Scenario ID	GSE -SC-5
Scenario Name	Exporting Marriage certificate
Actors	<p>ATM user</p> <p>The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.</p>
Normal	

**Expoert divorce certificate**

Scenario ID	GSE -SC-5
Scenario Name	Exporting Divorce certificate
Actors	ATM user The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.
Normal	

Book an appointment

Scenario ID	GSE -SC-23
Scenario Name	Book an Appointment
Actors	ATM user The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.
Normal	

list all appointments

Scenario ID	GSE -SC-24
Scenario Name	List all Appointments
Actors	ATM user The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.
Normal	

Make a complain

Scenario ID	GSE -SC-25
Scenario Name	Make a complain.
Actors	ATM user The user will log in and then the Ministries page will be displayed. The user will choose the MOI the MOI departments will be displayed. The user will choose the department he wants and then the MOI department services page will be displayed. the user choose the service and click the button.
Normal	

**Reserve an appointment with doctor**

Scenario ID	GSE -SC-26
Scenario Name	Reserve an appointment with doctor.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOH and then MOH page will be displayed. the user will choose the service. The user will fill the fields then click the button.

List all appointment with doctor

Scenario ID	GSE -SC-27
Scenario Name	List all appointments with doctor.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOH and then MOH page will be displayed. the user will choose the service. The user will fill the fields then click the button.

Book an appointment for vaccination

Scenario ID	GSE -SC-28
Scenario Name	Book an appointment for vaccination.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOH and then MOH page will be displayed. the user will choose the service. The user will fill the fields then click the button.

List all appointment for vaccination

Scenario ID	GSE -SC-29
Scenario Name	List All appointments for vaccination.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOH and then MOH page will be displayed. the user will choose the service. The user will fill the fields then click the button.



Export school certificate.

Scenario ID	GSE -SC-30
Scenario Name	Export school certificate.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOE and then MOE page will be displayed. the user will choose the service. The user will fill the fields then click the button.

Export university certificate.

Scenario ID	GSE -SC-31
Scenario Name	Export university certificate.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOE and then MOE page will be displayed. the user will choose the service. The user will fill the fields then click the button.

List all school certificates for citizen.

Scenario ID	GSE -SC-32
Scenario Name	List all school certificates for citizen.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOE and then MOE page will be displayed. the user will choose the service. The user will fill the fields then click the button.

List all school certificates for citizen.

Scenario ID	GSE -SC-33
Scenario Name	List all school certificates for citizen.
Actors	ATM user
Normal	The user will log in and then the Ministries page will be displayed. The user will choose the MOE and then MOE page will be displayed. the user will choose the service. The user will fill the fields then click the button.



3.4.2. ATM API

Get State

Scenario ID	GSE-SC-34
Scenario Name	Get state
Actors	ATM
Normal	The ATM use volley library and set server url of service 'get state' and send request to server then server take request and match with service then return all states from database except states that value of is_deleted attribute in database is true , if there is no data server will return empty json file..

get Region

Scenario ID	GSE-SC-35
Scenario Name	Get Region
Actors	ATM
Normal	The ATM take id of city selected by citizen then use volley library to set server url of service 'get Region ' and set the parameter 'Cid ' is id of selected city and send request to server then server take request and match with service then return all regions of this city from database except regions that value of is_deleted attribute in database is true , if there is no data server will return empty json file..

Get district

Scenario ID	GSE-SC-36
Scenario Name	Get District
Actors	ATM
Normal	The ATM take id of region selected by citizen then use volley library to set server url of service 'get district' and set the parameter 'Rid ' is id of selected Region and send request to server then server take request and match with service then return all districts of this region from database except districts that value of is_deleted attribute in database is true, if there is no data server will return empty json file.

Get government body

Scenario ID	GSE-SC-37
Scenario Name	Get Government Body
Actors	ATM
Normal	The ATM use volley library and set server url of service Get Government Body ' and send request to server then server take request and match with service then return all government bodies from database except government body that value of is_deleted attribute in database is true,, if there is no data server will return empty json file..



Get civil registry offices

Scenario ID	GSE-SC-38
Scenario Name	Get civil registry offices
Actors	ATM
Normal	The ATM take id of district selected by citizen then use volley library to set server url of service 'Get civil registry offices' and set the parameter 'Did' is id of selected district and send request to server then server take request and match with service then return all offices from database except offices that value of is_deleted attribute in database is true, if there is no data server will return empty json file.. get all children

Scenario ID	GSE-SC-39
Scenario Name	Get all children
Actors	ATM
Normal	The ATM take id of citizen that login in application then mobile application use volley library to set server url of service 'Get all children' and set the parameter 'FId' is id of citizen and send request to server after that server take request and match with service then return json file contain all children names and Ids of citizen from database, if there is no data server will return empty json file.. get city

Scenario ID	GSE-SC-40
Scenario Name	Get City
Actors	ATM
Normal	The ATM take id of state selected by citizen then use volley library to set server url of service 'get City' and set the parameter 'Sid' is id of selected state and send request to server then server take request and match with service then return all cities from database except cities that value of is_deleted attribute in database is true, if there is no data server will return empty json file.. Get request ambulance

ScenarioID	GSE-SC-41
Scenario Name	Get Requests Ambulance
Actors	Mobile Application
Normal	The Mobile application take id of citizen that login in application then mobile application use volley library to set server url of service 'Get Requests Ambulance' and set the parameter 'cId' is id of citizen and send request to server after that server take request and match with service then return json file contain all requests of this citizen from database, if there is no data server will return empty json file.



Get Responds of complaints

Scenario ID	GSE-SC-42
Scenario Name	Get Responds of complaints
Actors	Mobile Application The Mobile application take id of complaint after selected by citizen that login in application then mobile application use volley library to set server url of service 'Get Responds of complaints' and set the parameter 'cId' is id of specified complaint and send request to server after that server take request and match with service then return json file contain respond of this complaint and date of replay from database, if there is no data server will return empty json file.
Normal	

Get Vaccination Reservations

Scenario ID	GSE-SC-43
Scenario Name	Get Vaccination Reservations
Actors	ATM The ATM take id of citizen that login in application then mobile application use volley library to set server url of service 'Get Vaccination Reservations' and set the parameter 'citizenid' is id of citizen and send request to server after that server take request and match with service then return json file contain all vaccination reservations of this citizen from database, if there is no data server will return empty json file
Normal	

Get All Vaccination Type By child id

Scenario ID	GSE-SC-44
Scenario Name	Get All Vaccination Type By child id
Actors	ATM The ATM take id of child selected by citizen that login in application then mobile application use volley library to set server url of service 'Get All Vaccination Type By child id' and set the parameter 'cti' is id of specified child then send request to server after that server take request and match with service then return json file all vaccination types names. IDs allowed to this child, if there is no data server will return empty json file.
Normal	

Get All Vaccination Appointment By HealthCare Id

Scenario ID	GSE-SC-45
Scenario Name	Get All Vaccination Appointment By HealthCare Id
Actors	ATM The ATM take id of healthcare selected by citizen that login in application then mobile application use volley library to set server url of service 'Get All Vaccination Appointment By HealthCare Id' and set the parameter 'hos' is id of specified healthcare then send request to server after that server take request and match with service then return json file all vaccination appointments, if there is no data server will return empty json file.
Normal	



Get Doctor Reservations

Scenario ID	GSE-SC-46
Scenario Name	Get Doctor Reservations
Actors	ATM The ATM take id of citizen that login in application then mobile application use volley library to set server url of service ' Get Doctor Reservations ' and set the parameter 'citizenid' is id of citizen and send request to server after that server take request and match with service then return json file contain all doctor reservations of this citizen from database, if there is no data server will return empty json file
Normal	Get All HealtCares ByVaccinationType HealthcareType And DistrictId

Scenario ID	GSE-SC-47
Scenario Name	Get All HealtCares ByVaccinationType HealthcareType And DistrictId
Actors	ATM The ATM take id of healthcare type, id of vaccination type, and id of district that selected by citizen that login in application ,then mobile application use volley library to set server url of service Get All HealtCare ByVaccinationType_HeathcareTypeAndDistrict' and set the parameter 'HCTId' is id of specified heathcareType , 'VtId' is the id of specified vaccination type ,and 'Did' is the id of specified district,then send request to server after that server take request and match with service then return json file all healthcare names and IDs, if there is no data server will return empty json file.
Normal	Get All HealtCares ByVaccinationType HealthcareType And DistrictId

Scenario ID	GSE-SC-48
Scenario Name	Send Complaint
Actors	ATM The ATM take id of citizen that login in application , id of government body selected by citizen and the complaint text entered by citizen and citizen may enter his national id ,then mobile application use volley library to set server url of service ' Send Complaint ' and set the parameter 'cId' is id of citizen , 'GovId' is the id of specified government body ,and 'comText' is the complaint text ,and may include 'NId' is the national id of citizen , then send request to server after that server take request and match with service then return successful message 'Complaint has been sent successfully', if missing any parameter the system return fail message 'Try again later'.
Normal	



Request ambulance

Scenario ID	GSE-SC-49
Scenario Name	Request Ambulance
Actors	ATM The ATM take id of citizen that login in application ,latitude and longitude of address of current location, and details text entered by citizen ,then mobile application use volley library to set server url of service 'Request Ambulance ' and set the parameter 'cId' is id of citizen , 'lat' is the number of latitude , 'long' is the number of longitude, and 'details' is the details of request , then send request to server after that server take request and match with service then return successful message 'The request has been sent successfully. We will arrive soon', if missing any parameter the system return fail message 'Try again later'
Normal	

cancel vaccination reservation

Scenario ID	GSE-SC-50
Scenario Name	Cancel Vaccination Reservations
Actors	ATM The ATM take id of citizen that login in application, and id of reservation selected by citizen, then mobile application use volley library to set server url of service 'Cancel Vaccination Reservations ' and set the parameter 'citizenid ' is id of citizen, 'Reservation_id' is id of specified reservation, then send request to server after that server take request and match with service then return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.
Normal	

cancel doctor reservation

Scenario ID	GSE-SC-51
Scenario Name	Cancel Doctor Reservations
Actors	ATM The ATM take id of citizen that login in application, and id of reservation selected by citizen, then mobile application use volley library to set server url of service 'Cancel Doctor Reservations ' and set the parameter 'citizenid ' is id of citizen, 'Reservation_id' is id of specified reservation, then send request to server after that server take request and match with service then return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.
Normal	



Get Violation

Scenario ID	GSE-SC-52
Scenario Name	Get Violations
Actors	ATM
Normal	The ATM take id of citizen that login in application, then mobile application use volley library to set server url of service 'Get Violations' and set the parameter 'cId' is id of citizen, , then send request to server after that server take request and match with service then return json file contain all violations, if there is no data in database server will return empty json file.

Reserve vaccination

Scenario ID	GSE-SC-53
Scenario Name	Reserve Vaccination
Actors	ATM
Normal	The ATM take id of citizen that login in application ,id of child ,id of vaccination type,id of healthcare, and id of appointment in healthcare selected by citizen ,then mobile application use volley library to set server url of service 'Reserve Vaccination' and set the 'Citizen_id' is the id of citizen,'child_id' is id of specified child,'VaccinationType_id' is the id of specified vaccination type, and 'HealthCare_id' id of specified HealthCare, and 'schedule' is id of specified appointment, then send request to server ,after that server take request and match with service then server will send e-mail send to citizen includes details and return Successful message 'Successfully reserved check your email '.If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.If day is get full the system will return message ' day is full choose another day'.

reserve doctor appointment

Scenario ID	GSE-SC-54
Scenario Name	Reserve Doctor Appointment
Actors	ATM
Normal	The ATM take id of citizen that login in application, id of doctor, id of healthcare, and id of appointment in healthcare selected by citizen ,then mobile application use volley library to set server url of service 'Reserve Doctor Appointment' and set 'Citizen_id' is the id of citizen,'hospital_id' is id of specified healthcare,'doctor_id' is the id of specified doctor ,and 'schedule' is id of specified appointment, then send request to server ,after that server take request and match with service then server will send e-mail to citizen includes details and return Successful message 'Successfully reserved check your email '. If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.If day is get full the system will return message ' day is full choose another day'.



get requests

Scenario ID	GSE-SC-55
Scenario Name	Get Requests
Actors	ATM
Normal	The Mobile application take id of citizen that login in application, then mobile application use volley library to set server url of service ' Get Requests ' and set the parameter 'request_citizenId' is id of citizen, then send request to server after that server take request and match with service then return json file contain all requests, if there is no data in database server will return empty json file.

Get reservation of government

Scenario ID	GSE-SC-56
Scenario Name	Get Reservations of Gov
Actors	ATM
Normal	The ATM take id of citizen that login in application, then mobile application use volley library to set server url of service ' Get Reservations of Gov ' and set the parameter 'reservation_citizen_id' is id of citizen, then send request to server after that server take request and match with service then return json file contain all reservations, if there is no data in database server will return empty json file.

Send request

Scenario ID	GSE-SC-57
Scenario Name	Send Request
Actors	ATM
Normal	The ATM take id of citizen that login in application ,id of service selected by citizen ,address of reviced place ,language of document ,numbee of copies ,and id of government body selected by citizen ,then mobile application use volley library to set server url of service ' Send Request ' and set the 'request_citizenId' is the id of citizen, 'address' is place of receive request , 'language' is language is of document , 'quantity' is number of copies,'service' is id of specified service, and 'governmentAgency' is id of specified government body, then send request to server ,after that server take request and match with service then return successful message ' Successful send'. If the citizen already reserve this service the system will return message 'Already requested the same service '.



Reserve Appointment

Scenario ID	GSE-SC-58
Scenario Name	Reserve Appointment
Actors	ATM
Normal	The ATM take id of citizen that login in application ,id of service selected by citizen ,date of appointment selected by citizen ,and id of office selected by citizen ,then mobile application use volley library to set server url of service ' Reserve Appointment ' and set the 'reservation_citizenId' is the id of citizen , 'reservation_date' is date of appointment,'reservation_office_id'is id of specified office ,and 'service' is id of specified service, then send request to server ,after that server take request and match with service then return successful message 'Successful Reserved'. If the day full the server return message ' day full, choose another day'. If the citizen has already reservation in this day and in same office, the system will return "you have reserved in this office once at that date '.

Change pin number

Scenario ID	GSE-SC-59
Scenario Name	Change Pin Number
Actors	ATM
Normal	The ATM take id of citizen that login in application and new pin number, then mobile application use volley library to set server url of service ' Change Pin Number ' and set the parameter 'Login_CitizenId' is the id of citizen, 'new_pass' is new pin number, then send request to server after that server take request and match with service then System encrypt new pin number and select citizen by id and change pin number by new pin number. If system change pin number the system will return message 'Successful change pin Number' , if system cant select citizen then system return 'can't change pin number'

Login with pin number

Scenario ID	GSE-SC-60
Scenario Name	Login with Pin Number
Actors	ATM
Normal	The ATM take national id and pin number from citizen, then mobile application use volley library to set server url of service ' Login with Pin Number ' and set the 'Login_CitizenNId' is the national id of citizen, 'Login_Password' is pin number, then send request to server after that server take request and match with service then System encrypt pin number and try to get citizen has this national id and pin number .if system find citizen will return json contain citizen data. If system can't find citizen will return empty json file



Login with QR code

Scenario ID	GSE-SC-61
Scenario Name	Login With QR code
Actors	ATM
Normal	The ATM take national id and QR code from citizen, then mobile application use volley library to set server url of service 'Login With QR code' and set the 'Login_CitizenNId' is the national id of citizen, 'Login_QRcode' is QR code, then send request to server after that server take request and match with service then System try to get citizen has this national id and QR code .if system find citizen will return json contain citizen data. If system can't find citizen will return empty json file

get all specialiations by hospital id

Scenario ID	GSE-SC-62
Scenario Name	Get All Sepc By HospitalId
Actors	ATM
Normal	The ATM take id of healthcare selected by citizen then use volley library to set server url of service 'Get All Sepc By HospitalId' and set the parameter 'hid' is the id of specified healthcare, and send request to server then server take request and match with service then return json file conatin all specialization names and IDs from database except specialization that value of is_deleted attribute in database is true, if there is no data server will return empty json file.

get schedule doctor

Scenario ID	GSE-SC-63
Scenario Name	Get schedule Doctor
Actors	ATM
Normal	The ATM take id of doctor selected by citizen then use volley library to set server url of service 'Get schedule Doctor' and set the parameter 'docId' is the id of specified doctor., and send request to server then server take request and match with service then return json file contain all doctor appointments and IDs from database, if there is no data server will return empty json file.

Get all doctors by specialization ID

Scenario ID	GSE-SC-64
Scenario Name	Get All doctors By SpecId
Actors	ATM
Normal	The ATM take id of specialization and id of healthcare selected by citizen then use volley library to set server url of service 'Get schedule Doctor' and set the parameter 'sid' is the id of specified specialization, and 'hoss' is id of specified healthcare, and send request to server then server take request and match with service then return json file contain all doctor names and IDs from database, if there is no data server will return empty json file.



3.4.3 website

Ministry of interior

Add citizen

Scenario ID	GSE-SC-65
Scenario Name	Add citizen
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Citizen’ then clicks on ‘Add citizen’. The Add citizen page will be displayed. The user will click on ‘Create new’ in the Add citizen page. After that, the add citizen page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update citizen

Scenario ID	GSE-SC-66
Scenario Name	Update Citizen
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘citizen’, then clicks on ‘Add citizen’. The Add citizen page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the citizen he wants to update. After that, the updated page will be displayed and then the user will change the information he wants within that user and clicks on the ‘Save’ button. After that the system updates the data in the database.

Delete citizen

Scenario ID	GSE-SC-67
Scenario Name	Delete citizen
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘citizen’ then ‘Add citizen’. The Add citizen page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the user he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.



Search for users

Scenario ID	GSE-SC-68
Scenario Name	Search for users
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Citizen’ then clicks on ‘Add citizen’. The Add Citizen page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Exporting birth certificate

Scenario ID	GSE -SC-69
Scenario Name	Exporting birth certificate
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Exporting birth certificate’. The exporting birth certificate page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Export death certificate

Scenario ID	GSE -SC-70
Scenario Name	Exporting death certificate
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Exporting death certificate’. The exporting death certificate page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Export marriage certificate

Scenario ID	GSE -SC-71
Scenario Name	Exporting marriage certificate
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Exporting marriage certificate’. The exporting marriage certificate page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.



export divorce certificate

Scenario ID	GSE -SC-72
Scenario Name	Exporting divorce certificate
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Exporting divorce certificate'. The exporting divorce certificate page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

Add user type

Scenario ID	GSE -SC-73
Scenario Name	Add user Type
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Users' then clicks on 'Add User Type'. The Add User Type page will be displayed. The user will click on 'Create new' in the Add User Type page. After that, the add user type page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	

Update user type

Scenario ID	GSE-SC-74
Scenario Name	Update User Type
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Users', then clicks on 'Add user type'. The Add user type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the user type he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that user type and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	



Delete user type

Scenario ID	GSE-SC-75
Scenario Name	Delete User Type
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Users’ then clicks on ‘Add User Type’. The Add User Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the user type he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

Search for user type

Scenario ID	GSE-SC-76
Scenario Name	Search for user type
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Users’ then clicks on ‘Add User Type’. The Add user type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

add citizen photo

Scenario ID	GSE -SC-77
Scenario Name	Add Citizen Photo
Actors	Website User
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Citizen’then clicks on ‘Add Citizen Photo’. The Add Citizen Photo page will be displayed. The user will click on ‘Create new’ in the Add Citizen Photo page. After that, the add Citizen Photo page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database



update citizen photo

Scenario ID	GSE-SC-78
Scenario Name	Update Citizen Photo
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Citizen' then clicks on 'Citizen Photo'. The Add Citizen Photo of citizen page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the Citizen Photo he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Citizen Photo and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	

Delete citizen photo

Scenario ID	GSE-SC-79
Scenario Name	Delete Citizen Photo
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Citizen' then clicks on 'Citizen Photo'. The Add Citizen Photo page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the Citizen Photo he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	

search for citizen photo

Scenario ID	GSE-SC-80
Scenario Name	Search for Citizen Photo
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'ministry of interior' link then clicks on 'Citizen' then clicks on 'Citizen Photo'. The Add Citizen Photo page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	



Add State

Scenario ID	GSE -SC-81
Scenario Name	Add State
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Places' then clicks on 'States'. The States page will be displayed. The user will click on 'Create new' in the States page. After that, the add States page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database
Normal	

Update state

Scenario ID	GSE-SC-82
Scenario Name	Update State
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Places' then clicks on 'States'. The States of citizen page will be displayed. The user will click on the 'edit' icon corresponding to the State he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that State and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	

Delete state

Scenario ID	GSE-SC-83
Scenario Name	Delete State
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Places' then clicks on 'State'. The State page will be displayed. The user will click on the 'Delete' icon corresponding to the State he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	

Search for state

Scenario ID	GSE-SC-84
Scenario Name	Search for State
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'ministry of interior' link then clicks on 'Places' then clicks on 'State'. The State page will be displayed, The All data will be displayed.
Normal	



Add city

Scenario ID	GSE -SC-85
Scenario Name	Add City
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Places' then clicks on 'Cities'. The Add Cities page will be displayed. The user will click on 'Create new' in the Add Cities page. After that, the add Cities page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	

Update city

Scenario ID	GSE-SC-86
Scenario Name	Update City
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Places', then clicks on 'Cities'. The Add Cities page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the City he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that City and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	

Delete city

Scenario ID	GSE-SC-87
Scenario Name	Delete City
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Places' then clicks on 'City'. The Add City page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the City he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	



Search for City

Scenario ID	GSE-SC-88
Scenario Name	Search for City
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Places’ then clicks on ‘City’. The Add City page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

add region

Scenario ID	GSE -SC-89
Scenario Name	Add Regions
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Places’ then clicks on ‘Regions’. The Add Regions page will be displayed. The user will click on ‘Create new’ in the Add Regions page. After that, the add Regions page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.
Normal	

Update region

Scenario ID	GSE-SC-90
Scenario Name	Update Regions
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’, then clicks on ‘Regions’. The Add Region page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Region he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Region and clicks on the ‘Save’ button. After that the system updates the data in the database.
Normal	



Delete region

Scenario ID	GSE-SC-91
Scenario Name	Delete Regions
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Places' then clicks on 'Regions'. The Add Region page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the Region he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	

search for regions

Scenario ID	GSE-SC-92
Scenario Name	Search for Regions
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'ministry of interior' link then clicks on 'Places' then clicks on 'Regions'. The Add Region page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

add District

Scenario ID	GSE -SC-93
Scenario Name	Add District
Actors	Website User The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Places' then clicks on 'District'. The Add District page will be displayed. The user will click on 'Create new' in the Add District page. After that, the add District page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	



Update District

Scenario ID	GSE-SC-94
Scenario Name	Update District
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’, then clicks on ‘District’. The Add District page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the District he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that District and clicks on the ‘Save’ button. After that the system updates the data in the database.

Delete District

Scenario ID	GSE-SC-95
Scenario Name	Delete District
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’ then clicks on ‘District’. The Add District page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the District he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

search for district

Scenario ID	GSE-SC-96
Scenario Name	Search for District
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Places’ then clicks on ‘District’. The Add District page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

[add office](#)

Scenario ID	GSE -SC-97
Scenario Name	Add Office
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Places’ then clicks on ‘office’. The Office page will be displayed. The user will click on ‘Create new’ in the Office page. After that, the add Office page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database

[Update office](#)

Scenario ID	GSE-SC-98
Scenario Name	Update Office
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’ then clicks on ‘Office’. The Office page will be displayed. The user will click on the ‘edit’ icon corresponding to the Office he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Office and clicks on the ‘Save’ button. After that the system updates the data in the database.

[Delete office](#)

Scenario ID	GSE-SC-99
Scenario Name	Delete Office
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’ then clicks on ‘Office’. The Office page will be displayed. The user will click on the ‘Delete’ icon corresponding to the Office he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

[Search for office](#)

Scenario ID	GSE-SC-100
Scenario Name	Search for Office
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Places’ then clicks on ‘Office. The Office page will be displayed, The All data will be displayed.



add citizen contact

Scenario ID	GSE -SC-101
Scenario Name	Add Citizen Contacts
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Contact’ then clicks on ‘Citizen Contacts’. The Add Citizen Contacts page will be displayed. The user will click on ‘Create new’ in the Add Citizen Contacts page. After that, the add Citizen Contacts page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update citizen Contact

Scenario ID	GSE-SC-102
Scenario Name	Update Citizen Contacts
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Places’, then clicks on ‘Citizen Contacts’. The Add Citizen Contacts page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Citizen Contacts he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Citizen Contacts and clicks on the ‘Save’ button. After that the system updates the data in the database.

delete citizen contact

Scenario ID	GSE-SC-103
Scenario Name	Delete Citizen Contacts
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Contact’ then clicks on ‘Citizen Contacts’. The Add Citizen Contact page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Citizen Contact he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.



search for citizen contact

Scenario ID	GSE-SC-104
Scenario Name	Search for Citizen Contacts
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Contacts’ then clicks on ‘Citizen Contact’. The Add Citizen Contact page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

add contact type

Scenario ID	GSE -SC-105
Scenario Name	Add Contact Type
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Contacts’ then clicks on ‘Contact Type’. The Add Contact Type page will be displayed. The user will click on ‘Create new’ in the Add Contact type page. After that, the add Contact Type page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update contact type

Scenario ID	GSE-SC-106
Scenario Name	Update Contact Type
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Contacts’, then clicks on ‘Contact Type’. The Add Contact Type page will be displayed. The user will click on the ‘edit’ icon corresponding to the Contact Type he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Contact Type and clicks on the ‘Save’ button. After that the system updates the data in the database.



delete contact type

Scenario ID	GSE-SC-107
Scenario Name	Delete Contact Type
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Contacts’ then clicks on ‘Contact Types’. The Add Contact Types page will be displayed. The user will click on the ‘Delete’ icon corresponding to the Contact Type he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.
Normal	

search for contact type

Scenario ID	GSE-SC-108
Scenario Name	Search for Contact Type
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Contacts’ then clicks on ‘Contact Type’. The Add Contact Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

Add deceased

Scenario ID	GSE -SC-109
Scenario Name	Add Deceased
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Deceased’. The Add Deceased page will be displayed. The user will click on ‘Create new’ in the Add Deceased page. After that, the add Deceased page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.
Normal	



Update deceased

Scenario ID	GSE-SC-110
Scenario Name	Update Deceased
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’, then clicks on ‘District’. The Add Deceased page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Deceased he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Deceased and clicks on the ‘Save’ button. After that the system updates the data in the database.

delete deceased

Scenario ID	GSE-SC-111
Scenario Name	Delete Deceased
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’ then clicks on ‘Deceased’. The Add Deceased page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Deceased he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

search for deceased

Scenario ID	GSE-SC-112
Scenario Name	Search for Deceased
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Deceased’. The Add Deceased page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.



Add live status of citizen

Scenario ID	GSE -SC-113
Scenario Name	Add Live Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Live Status’. The Add Live Status page will be displayed. The user will click on ‘Create new’ in the Add Live Status page. After that, the add Live Status page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update live status of citizen

Scenario ID	GSE-SC-114
Scenario Name	Update Live Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’, then clicks on ‘Live Status’. The Add Live Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Live Status he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Live Status and clicks on the ‘Save’ button. After that the system updates the data in the database.

Delete Live Status of Citizen

Scenario ID	GSE-SC-115
Scenario Name	Delete Live Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’ then clicks on ‘Live Status’. The Add Live Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Live Status he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.



Search for Live Status of Citizen

Scenario ID	GSE-SC-116
Scenario Name	Search for Live Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Live Status’. The Add Live Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Add Social Status of Citizen

Scenario ID	GSE -SC-117
Scenario Name	Add Social Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Social Status’. The Add Social Status page will be displayed. The user will click on ‘Create new’ in the Add Social Status page. After that, the add Social Status page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update Social Status of Citizen

Scenario ID	GSE-SC-118
Scenario Name	Update Social Status of Citizen
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’, then clicks on ‘Social Status’. The Add Social Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Social Status he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Social Status and clicks on the ‘Save’ button. After that the system updates the data in the database.



Delete Social Status of Citizen

Scenario ID	GSE-SC-119
Scenario Name	Delete Social Status of Citizen
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’ then clicks on ‘Social Status’. The Add Social Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Social Status he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.
Normal	After that the system will mark the data in the database as deleted.

Search for Social Status of Citizen

Scenario ID	GSE-SC-120
Scenario Name	Search for Social Status of Citizen
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Social Status’. The Add Social Status page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	At each key press, all matching data will be displayed.

Add Live Status Type of Citizen

Scenario ID	GSE -SC-121
Scenario Name	Add Live Status Type of Citizen
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Live Status Type’. The Add Live Status Type page will be displayed. The user will click on ‘Create new’ in the Add Live Status Type page. After that, the add Live Status Type page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.
Normal	After that the system saves the data entered into the database.



Update Live Status Type of Citizen

Scenario ID	GSE-SC-122
Scenario Name Actors	Update Live Status Type of Citizen System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Social', then clicks on 'Live Status Type'. The Add Live Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the Live Status Type he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Live Status Type and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	

Delete Live Status Type of Citizen

Scenario ID	GSE-SC-123
Scenario Name Actors	Delete Live Status Type of Citizen System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Social' then clicks on 'Live Status'. The Add Live Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the Live Status Type he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	

Scenario ID	GSE-SC-124
Scenario Name Actors	Search for Live Status Type of Citizen System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'ministry of interior' link then clicks on 'Social' then clicks on 'Live Status Type'. The Add Live Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

Scenario ID	GSE -SC-125
Scenario Name Actors	Add Social Status of Citizen Type System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Social' then clicks on 'Social Status type'. The Add Social Status Type page will be displayed. The user will click on 'Create new' in the Add Social Status Type page. After that, the add Social Status type page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	



Update Social Status of Citizen Type

Scenario ID	GSE-SC-126
Scenario Name	Update Social Status of Citizen Type
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’, then clicks on ‘Social Status Type’. The Add Social Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Social Status Type he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Social Status Type and clicks on the ‘Save’ button. After that the system updates the data in the database.
Normal	

Delete Social Status of Citizen Type

Scenario ID	GSE-SC-127
Scenario Name	Delete Social Status of Citizen Type
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Social’ then clicks on ‘Social Status’. The Add Social Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Social Status Type he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.
Normal	

Search for Social Status of Citizen Type

Scenario ID	GSE-SC-128
Scenario Name	Search for Social Status of Citizen Type
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Social’ then clicks on ‘Social Status Type’. The Add Social Status Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	



Add Citizen Document

Scenario ID	GSE -SC-129
Scenario Name	Add Citizen Document
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of interior' link then clicks on 'Document' then clicks on 'Citizen Document'. The Citizen Document page will be displayed. The user will click on 'Create new' in the Add Social Status Type page. After that, the Citizen Document page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.

Update Citizen Document

Scenario ID	GSE-SC-130
Scenario Name	Update Citizen Document
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Document', then clicks on 'Citizen Document'. The Citizen Document page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the Citizen Document he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Citizen Document and clicks on the 'Save' button. After that the system updates the data in the database.

Delete Citizen Document

Scenario ID	GSE-SC-131
Scenario Name	Delete Citizen Document
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Ministry of Interior' link then clicks on 'Document' then clicks on 'Citizen Document'. The Citizen Document page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding the Citizen Document he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.



Search for Citizen Document

Scenario ID	GSE-SC-132
Scenario Name	Search for Citizen Document
Actors	System

The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Document’ then clicks on ‘Citizen Document’. The Citizen Document page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Add Document Type

Scenario ID	GSE -SC-133
Scenario Name	Add Document Type
Actors	System

The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of interior’ link then clicks on ‘Document’ then clicks on ‘Document Type’. The Add Document Type page will be displayed. The user will click on ‘Create new’ in the Add Document Type page. After that, the add Document Type page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update Document Type

Scenario ID	GSE-SC-134
Scenario Name	Update Document Type
Actors	System

The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Document’, then clicks on ‘Document Type’. The Add Document Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the Document Type he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Document Type and clicks on the ‘Save’ button. After that the system updates the data in the database.



Delete Document Type

Scenario ID	GSE-SC-135
Scenario Name	Delete Document Type
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Ministry of Interior’ link then clicks on ‘Document’ then clicks on ‘Document Type’. The Document Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the Document Type he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

Search for Document Type

Scenario ID	GSE-SC-136
Scenario Name	Search for Document Type
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘ministry of interior’ link then clicks on ‘Document’ then clicks on ‘Document Type’. The Add Document Type page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Show all complains

Scenario ID	GSE-SC-137
Scenario Name	Show all complains
Actors	Admin
Normal	The admin will log in to the system then from the side bar click on the “complains” button, the system will redirect to the index page of complain, and then show all complains information in table.



Add complain

Scenario ID	GSE-SC-138
Scenario Name	Add complain
Actors	<p>user</p> <p>The user will log in to the system then from the side bar click on the complain button, the system will display the index page of the complains.</p> <p>Admin will select from each drop-down list the government and the system will display all the complains that are in that selected address.</p> <p>The user will click on the edit icon that is displayed with each complain in its row, the system will redirect to the Add page and display all the complain information to user, the user will start to Add these information about that university, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that complain and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Edit complain

Scenario ID	GSE-SC-139
Scenario Name	Edit complain
Actors	<p>user</p> <p>The user will log in to the system then from the side bar click on the complain button, the system will display the index page of the complains.</p> <p>Admin will select from each drop-down list the government and the system will display all the complains that are in that selected address.</p> <p>The user will click on the edit icon that is displayed with each complain in its row, the system will redirect to the edit page and display all the complain information to user, the user will start to edit these information about that university, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that complain and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Delete complain

Scenario ID	GSE-SC-140
Scenario Name	Delete complain
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the complain button, the system will display the index page of the complains.</p> <p>The system will display all the complains that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each complain in its row, the system will redirect to the delete page and display all the university information to admin, the system will ask the admin if he sure to delete this complain, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this complain</p>
Normal	

**Show all responds**

Scenario ID	GSE-SC-141
Scenario Name	Show all responds
Actors	Admin The admin will log in to the system then from the side bar click on the “responds” button, the system will redirect to the index page of responds, and then show all responds information in table.
Normal	

Create respond

Scenario ID	GSE-SC-142
Scenario Name	Create respond
Actors	admin The admin will log in to the system then from the side bar click on the respond button, the system will display the index page of the responds. Admin will click on Create new in index page then the system will display the create page of the responds, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new respond in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Normal	

Edit respond

Scenario ID	GSE -SC-143
Scenario Name	Edit respond
Actors	Admin The admin will log in to the system then from the side bar click on the respond button, the system will display the index page of the respond. Admin will fill all fields and system will display the responds in table The admin will click on the edit icon that is displayed with each respond in its row, the system will redirect to the edit page and display all the responds information to admin, the admin will start editing these information about that respond, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that respond and will display it with its new information. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Normal	



Delete respond

Scenario ID	GSE -SC-144
Scenario Name	Delete respond
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the respond button, the system will display the index page of the responds.</p> <p>The system will display all the responds that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each respond in its row, the system will redirect to the delete page and display all the respond information to admin, the system will ask the admin if he sure to delete this respond, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this respond</p> <p>If the admin is not sure to delete this respond, then he will click on the link “back to list”, the system will redirect to the index page without any changed in this information</p>
Normal	

Show all violations

Scenario ID	GSE -SC-145
Scenario Name	Show all violations
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “violations” button, the system will redirect to the index page of violations, and then show all violations information in table.</p>
Normal	

Add new violation

Scenario ID	GSE -SC-146
Scenario Name	Add new violation
Actors	<p>admin</p> <p>The admin will log in to the system then from the side bar click on the violation button, the system will display the index page of the violation.</p> <p>Admin will click on Create new in index page then the system will display the create page of the violation, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new violation in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	



Edit violations

Scenario ID	GSE -SC-147
Scenario Name	Edit violations
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the violations button, the system will display the index page of the violations.</p> <p>The system will display all the violations that are in that selected address.</p> <p>The admin will click on the edit icon that is displayed with each violation in its row, the system will redirect to the edit page and display all the violation information to admin, the admin will start to edit these information about that violation, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that violation and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the violation name , the system will display a warning message ‘violation name already exists’.</p>
Normal	

Delete violation

Scenario ID	GSE -SC-148
Scenario Name	Delete violation
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the violation button, the system will display the index page of the violation .</p> <p>The system will display all the violation that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each violation in its row, the system will redirect to the delete page and display all the violation information to admin, the system will ask the admin if he sure to delete this violation , then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this violation</p> <p>If the admin is not sure to delete this violation , then he will click on the link “back to list”, the system will redirect to the index page without any changed in this information</p>
Normal	

Show all violations of car license

Scenario ID	GSE -SC-149
Scenario Name	Show all violations of car license
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click in the violations of car license button then starting to select from drop-down list the national id</p>
Normal	The system will display all the violations that are made by this national id



Create violation for car license

Scenario ID	GSE -SC-150
Scenario Name	Create violation for car license
Actors	<p>admin</p> <p>The admin will log in to the system then from the side bar click on the violation button, the system will display the index page of the violation.</p> <p>Admin will click on Create new in index page then the system will display the create page of the violations, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new violation in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Edit violation for car license

Scenario ID	GSE -SC-151
Scenario Name	Edit violation for car license
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the violation for car license button, the system will display the index page of the violations. The system will display all the violations for car license that are in that selected address.</p> <p>The admin will click on the edit icon that is displayed with each violation in its row, the system will redirect to the edit page and display all the violation information to admin, the admin will start editing these information about that violation, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that violation and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Delete violation for car license

Scenario ID	GSE -SC-152
Scenario Name	Delete violation for car license
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the violation button, the system will display the index page of the violation.</p> <p>The system will display all the violation that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each violation in its row, the system will redirect to the delete page and display all the violation information to admin, the system will ask the admin if he sure to delete this violation, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this violation.</p> <p>If the admin is not sure to delete this violation, then he will click on the link “back to list”, the system will redirect to the index page without any changes in this information</p>
Normal	

**Show all cars**

Scenario ID	GSE -SC-153
Scenario Name	Show all cars
Actors	Admin
Normal	The admin will log in to the system then from the side bar click on the “cars” button, the system will redirect to the index page of cars, and then show all cars information in table.

Create car

Scenario ID	GSE -SC-154
Scenario Name	Create car
Actors	admin The admin will log in to the system then from the side bar click on the car button, the system will display the index page of the car. Admin will click on Create new in index page then the system will display the create page of the car, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new car in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Normal	

Edit car

Scenario ID	GSE -SC-155
Scenario Name	Edit car
Actors	Admin The admin will log in to the system then from the side bar click on the car button, the system will display the index page of the car. The system will display all the cars that are in that selected address. The admin will click on the edit icon that is displayed with each car in its row, the system will redirect to the edit page and display all the car information to admin, the admin will start editing these information about that car ,then click on the button save, the system will redirect again to the index page with the new information that has been edited about that car and will display it with its new information. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the car name , the system will display a warning message ‘university name already exists’.
Normal	

**Delete car**

Scenario ID	GSE -SC-156
Scenario Name	Delete car
Actors	Admin The admin will log in to the system then from the side bar click on the car license button, the system will display the index page of the car. The system will display all the car that are in that selected address. The admin will click on the delete icon that is displayed with each car in its row, the system will redirect to the delete page and display all the car information to admin, the system will ask the admin if he sure to delete this car, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this car. If the admin is not sure to delete this car, then he will click on the link "back to list", the system will redirect to the index page without any changed in this information
Normal	

Create new car license

Scenario ID	GSE -SC-157
Scenario Name	Create new car license
Actors	admin The admin will log in to the system then from the side bar click on the car license button, the system will display the index page of the car license. Admin will click on Create new in index page then the system will display the create page of the violations, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new car license in table. If the admin has left the fields empty, the system will display a warning message "the fields is required".
Normal	



Edit car license

Scenario ID	GSE -SC-158
Scenario Name	Edit car license
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the car license button, the system will display the index page of the car licenses.</p> <p>The system will display all the car licenses after using filters that are in that selected address.</p> <p>The admin will click on the edit icon that is displayed with each car license in its row, the system will redirect to the edit page and display all the car license information to admin, the admin will start editing these information about that license, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that license and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields are required”.</p> <p>If the admin repeated the license code, the system will display a warning message ‘university name already exists’.</p>
Normal	

Scenario ID	GSE -SC-159
Scenario Name	Delete car license
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the car license button, the system will display the index page of the car license.</p> <p>The system will display all the car license that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each license in its row, the system will redirect to the delete page and display all the license information to admin, the system will ask the admin if he is sure to delete this car license, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this car license.</p> <p>If the admin is not sure to delete this car license, then he will click on the link “back to list”, the system will redirect to the index page without any changes in this information</p>
Normal	



Show all citizen balance

Scenario ID	GSE -SC-160
Scenario Name	Show all citizen balance
Actors	Admin The admin will log in to the system then from the side bar click on the "citizen balance" button, the system will redirect to the index page of citizen balance, and then show balance in table.
Normal	

Create new citizen balance

Scenario ID	GSE -SC-161
Scenario Name	Create new citizen balance
Actors	admin The admin will log in to the system then from the side bar click on the balance button, the system will display the index page of the balance. Admin will click on Create new in index page then the system will display the create page of the balance, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new balance in table. If the admin has left the fields empty, the system will display a warning message "the fields is required".
Normal	

Edit citizen balance

Scenario ID	GSE -SC-162
Scenario Name	Edit citizen balance
Actors	Admin The admin will log in to the system then from the side bar click on the citizen balance button, the system will display the index page of the citizen balance. The system will display all the citizen balances that are in that selected address. The admin will click on the edit icon that is displayed with each citizen balance in its row, the system will redirect to the edit page and display all the balance information to admin, the admin will start editing these information about that balance, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that balance and will display it with its new information. If the admin has left the fields empty, the system will display a warning message "the fields is required".
Normal	



Delete citizen balance

Scenario ID	GSE -SC-163
Scenario Name	Delete citizen balance
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the citizen balance button, the system will display the index page of the citizen balance.</p> <p>The system will display all the citizen balance that are in that selected address.</p> <p>The admin will click on the delete icon that is displayed with each citizen balance in its row, the system will redirect to the delete page and display all the citizen balance information to admin, the system will ask the admin if he sure to delete this car license, then the admin will click on the button delete, after that the system will redirect to the index page after it deletes this citizen balance</p>
Normal	If the admin is not sure to delete this car license, then he will click on the link “back to list”, the system will redirect to the index page without any changed in this information

Add RSRI Branch

Scenario ID	GSE -SC-164
Scenario Name	Add RSRI Branch
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘RSRI Branch’. The Add RSRI Branch page will be displayed. The user will click on ‘Create new’ in the Add RSRI Branch page. After that, the add RSRI Branch page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.</p>
Normal	

Update RSRI Branch

Scenario ID	GSE-SC-165
Scenario Name	Update RSRI Branch
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’, then clicks on ‘RSRI Branch’. The Add RSRI Branch page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the RSRI Branch he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that RSRI Branch and clicks on the ‘Save’ button. After that the system updates the data in the database.</p>
Normal	



Delete RSRI Branch

Scenario ID	GSE-SC-166
Scenario Name	Delete RSRI Branch
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Branch'. The RSRI Branch page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the RSRI Branch he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.

Search for RSRI Branch

Scenario ID	GSE-SC-167
Scenario Name	Search for RSRI Branch
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Branch'. The Add RSRI Branch page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Add RSRI Department

Scenario ID	GSE -SC-168
Scenario Name	Add RSRI Department
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Department'. The Add RSRI Department page will be displayed. The user will click on 'Create new' in the Add RSRI Department page. After that, the add RSRI Department page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.

Update RSRI Department

Scenario ID	GSE-SC-169
Scenario Name	Update RSRI Department
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI', then clicks on 'RSRI Department'. The Add RSRI Department page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the RSRI Department he wants to update. After that, the update page will be displayed.



Delete RSRI Department

Scenario ID	GSE-SC-170
Scenario Name	Delete RSRI Department
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Department'. The RSRI Department page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the RSRI Department he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	

Search for RSRI Department

Scenario ID	GSE-SC-171
Scenario Name	Search for RSRI Department
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Department'. The Add RSRI Department page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.
Normal	

Add RSRI Popular Contract

Scenario ID	GSE -SC-172
Scenario Name	Add RSRI Popular Contract
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Popular Contract'. The Add RSRI Popular Contract page will be displayed. The user will click on 'Create new' in the Add RSRI Popular Contract page. After that, the add RSRI Popular Contract page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	



Update RSRI Popular Contract

Scenario ID	GSE-SC-173
Scenario Name	Update RSRI Popular Contract
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI', then clicks on 'RSRI Popular Contract'. The Add RSRI Popular Contract page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the RSRI Popular Contract he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that RSRI Popular Contract and clicks on the 'Save' button. After that the system updates the data in the database.</p>
Normal	

Delete RSRI Popular Contract

Scenario ID	GSE-SC-174
Scenario Name	Delete RSRI Popular Contract
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Popular Contract'. The RSRI Popular Contract page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the RSRI Popular Contract he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.</p>
Normal	

Search for RSRI Popular Contract

Scenario ID	GSE-SC-175
Scenario Name	Search for RSRI Popular Contract
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Popular Contract'. The Add RSRI Popular Contract page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.</p>
Normal	



Add RSRI

Scenario ID	GSE -SC-176
Scenario Name	Add RSRI
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Report'. The Add RSRI Report page will be displayed. The user will click on 'Create new' in the Add RSRI Report page. After that, the add RSRI Report page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	Update RSRI Popular Contract

Delete RSRI Report

Scenario ID	GSE-SC-178
Scenario Name	Delete RSRI Report
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Report'. The RSRI Report page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the RSRI Report he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	



Add RSRI Report Subject

Scenario ID	GSE -SC-179
Scenario Name	Add RSRI Report Subject
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Report Subject'. The Add RSRI Report Subject page will be displayed. The user will click on 'Create new' in the Add RSRI Report Subject page. After that, the add RSRI Report Subject page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.

Update RSRI Report Subject

Scenario ID	GSE-SC-180
Scenario Name	Update RSRI Report Subject
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI', then clicks on 'RSRI Report Subject'. The Add RSRI Report Subject page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the RSRI Report Subject he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that RSRI Report Subject and clicks on the 'Save' button. After that the system updates the data in the database.

Delete RSRI Report Subject

Scenario ID	GSE-SC-181
Scenario Name	Delete RSRI Report Subject
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'RSRI Report Subject'. The RSRI Report Subject page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the RSRI Report Subject he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.



Search for RSRI Report Subject

Scenario ID	GSE-SC-182
Scenario Name	Search for RSRI Report Subject
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘RSRI Report Subject’. The Add RSRI Report Subject page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Add RSRI

Scenario ID	GSE -SC-183
Scenario Name	Add RSRI
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘RSRI’. The Add RSRI page will be displayed. The user will click on ‘Create new’ in the Add RSRI page. After that, the add RSRI page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.

Update RSRI

Scenario ID	GSE-SC-184
Scenario Name	Update RSRI
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’, then clicks on ‘RSRI’. The Add RSRI page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘edit’ icon corresponding to the RSRI he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that RSRI and clicks on the ‘Save’ button. After that the system updates the data in the database.



Delete RSRI

Scenario ID	GSE-SC-185
Scenario Name	Delete RSRI
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘RSRI’. The RSRI page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the ‘Delete’ icon corresponding to the RSRI he wants to Delete. After that, the Delete page will be displayed and clicks on the ‘Delete’ button. After that the system will mark the data in the database as deleted.

Search for RSRI

Scenario ID	GSE-SC-186
Scenario Name	Search for RSRI
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘RSRI’. The Add RSRI page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

Add areas authority request

Scenario ID	GSE -SC-187
Scenario Name	Add areas authority request
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘areas authority request’. The Add areas authority request page will be displayed. The user will click on ‘Create new’ in the Add areas authority request page. After that, the add areas authority request page will be displayed and the user will enter the data and then clicks on the ‘Create’ button. After that the system saves the data entered into the database.



Update areas authority request

Scenario ID	GSE-SC-188
Scenario Name	Update areas authority request
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI', then clicks on 'areas authority request'. The Add areas authority request page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the areas authority request he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that areas authority request and clicks on the 'Save' button. After that the system updates the data in the database.</p>

Delete areas authority request

Scenario ID	GSE-SC-189
Scenario Name	Delete areas authority request
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'areas authority request'. The areas authority request page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the areas authority request he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.</p>

Search for areas authority request

Scenario ID	GSE-SC-190
Scenario Name	Search for areas authority request
Actors	<p>System</p> <p>The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'areas authority request'. The Add areas authority request page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.</p>



Add Property Taxes

Scenario ID	GSE -SC-191
Scenario Name	Add Property Taxes
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'Property Taxes'. The Add Property Taxes page will be displayed. The user will click on 'Create new' in the Add Property Taxes page. After that, the add Property Taxes page will be displayed and the user will enter the data and then clicks on the 'Create' button. After that the system saves the data entered into the database.
Normal	

Update Property Taxes

Scenario ID	GSE-SC-192
Scenario Name	Update Property Taxes
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI', then clicks on 'Property Taxes'. The Add Property Taxes page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'edit' icon corresponding to the Property Taxes he wants to update. After that, the update page will be displayed and then the user will change the information he wants within that Property Taxes and clicks on the 'Save' button. After that the system updates the data in the database.
Normal	

Delete Property Taxes

Scenario ID	GSE-SC-193
Scenario Name	Delete Property Taxes
Actors	System The user will log in and then clicks on the side menu icon that displays various options. He will click on the 'Real State Registry Interest' link then clicks on 'RSRI' then clicks on 'Property Taxes'. The Property Taxes page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed. The user will click on the 'Delete' icon corresponding to the Property Taxes he wants to Delete. After that, the Delete page will be displayed and clicks on the 'Delete' button. After that the system will mark the data in the database as deleted.
Normal	



Scenario ID	GSE-SC-194
Scenario Name	Search for Property Taxes
Actors	System
Normal	The user will log in and then clicks on the side menu icon that displays various options. He will click on the ‘Real State Registry Interest’ link then clicks on ‘RSRI’ then clicks on ‘Property Taxes’. The Add Property Taxes page will be displayed. The user will click on the search text field and types the data to be searched for. At each key press, all matching data will be displayed.

1.5.4.3 ministry of education

Scenario ID	QAMS-SC-1
Scenario Name	Show all universities
Actors	Admin The admin will log in to the system then from the side bar click in the universities button then starting to select from each drop-down list state, city, region, and district. The system will display all the universities that are in the address the admin has been chosen.
Normal	Create university Admin The admin will log in to the system then from the side bar click on the universities button, the system will display the index page of the universities. Admin will click on Create new in index page then the system will display the create page of the universities, admin will fill all the required fields that the system has been displayed then click on the button create, after that the system will redirect to the index page and display the new university in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the university name , the system will display a warning message ‘university name already exists’.



Scenario ID	QAMS-SC-1
Scenario Name	Edit university
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the universities button, the system will display the index page of the universities. Admin will select from each drop-down list the state, city, region, and district and the system will display all the universities that are in that selected address.</p> <p>The admin will click on the edit icon that is displayed with each university in its row, the system will redirect to the edit page and display all the university information to admin, the admin will start editing these information about that university, then click on the button save, the system will redirect again to the index page with the new information that has been edited about that university and will display it with its new information.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the university name , the system will display a warning message ‘university name already exists’.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all faculties
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “faculties-universities” button, the system will redirect to the index page of faculty-university, the admin will select the university name from the drop-down list displayed, then the system will display all faculties that are in the university that is chosen</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Create new faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “faculties” button, the system will redirect to the index page of faculty, the admin will click on create new, the system will redirect to the create page of faculties, admin will fill all the fields in the create page then click on the button create, the system will redirect to the index page of the faculties and will display all the faculties with the new one that is created.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the faculty name, the system will display a warning message ‘university name already exists’.</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Edit faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “faculties” button, the system will redirect to the index page of faculty, the admin will click on the edit icon of any faculty want to edit, the system will redirect to the edit page of the faculty and displays all the information about this faculty, the admin will edit any of these information then click on the button save, the system will redirect to the index page of faculties with the information that is already updated.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the faculty name, the system will display a warning message ‘university name already exists’.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “faculties” button, the system will redirect to the index page of faculty, the admin will click on the delete icon of any faculty want to edit, the system will redirect to the delete page of the faculty and displays all the information about this faculty, the system will ask the admin if he sure he want to delete this faculty or not, if he sure the admin will click on button delete, the system will redirect to the index page and display all the faculties without the faculty is deleted.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all grades
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Grade” button, the system will redirect to the index page of grade, and then show all grades information in table.</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Create grade
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Grade” button, the system will redirect to the index page of grade, and then show all grades information in table, admin will click on create new, system will redirect to the create page of grade, admin will fill all fields then click on button create, system will redirect to the index page of grade and show all grade information with the new created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Edit grade
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Grade” button, the system will redirect to the index page of grade, and then show all grades information in table, admin will click on edit icon that displayed in each row for each grade information, the system will redirect to the edit page of grade and display all information about that grade, admin will edit any of those information then click on button save, system will redirect to the index page of grade with the updated information is displayed in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all specialization of faculties
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “specialization of faculties” button, the system will redirect to the index page of specialization of faculties, admin will select the university and faculty from drop-down list, the system will display all specialization of the selected faculty and university.</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Delete grade
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “Grade” button, the system will redirect to the index page of grade, and then show all grades information in table, admin will click on delete icon that displayed in each row for each grade information, the system will redirect to the delete page of grade and display all information about that grade, system will ask admin if he sure to want to delete this grade or not, if admin is sure he will click on button delete, system will redirect to index page of grade and show all grades without that is deleted, if admin is not sure to delete this grade he will click on back to list, system will redirect to index page of grade and show all grades without any data deleted</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Create specialization of faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “specialization of faculties” button, the system will redirect to the index page of specialization of faculties, admin will click on create new, system will redirect to create page of specialization of faculty, admin will fill the fields in this page the click on create button, system will redirect to the index page of specialization of faculty and show the new information in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all university types
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “university types” button, the system will redirect to the index page of university types then it will display all university types</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Edit specialization of faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “specialization of faculties” button, the system will redirect to the index page of specialization of faculties, admin will click on edit icon that displayed in each row for each specialization information, system will redirect to edit page of specialization of faculty and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	<p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>

Scenario ID	QAMS-SC-1
Scenario Name	Delete specialization of faculty
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “specialization of faculties” button, the system will redirect to the index page of specialization of faculties, admin will click on delete icon that displayed in each row for each specialization information, system will redirect to delete page of specialization of faculty and display all its information, system will ask the admin if he sure to delete this data, if admin is sure he will click on delete button, system will redirect to index page of it and the data will be deleted, if admin is not sure he will click on back to list, system will redirect to the index page of it and no data will be deleted</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Create new university types
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “university types” button, the system will redirect to the index page of university types, admin will click on create new, system will redirect to create page of university types, admin will fill all fields of the page then click on create button, system will redirect to index page and the new information created will be displayed in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	<p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>



Scenario ID	QAMS-SC-1
Scenario Name	Edit university types
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “university types” button, admin will click on edit icon that displayed in each row for each university types information, system will redirect to edit page of university types and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete university types
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “university types” button, admin will click on delete icon that displayed in each row for each university types information, system will redirect to delete page of university types and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of university types, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all phases of school
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “phases of school” button, the system will redirect to the index page of university types then it will display all phases of school</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Create new phase of school
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “phases of school” button, the system will redirect to the index page of university types then it will display all phases of school, admin will click on create new, system will redirect to create page of phases of school, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Edit phases of school
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “phases of school” button, admin will click on edit icon that displayed in each row for each school phases information, system will redirect to edit page of phases and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete school phases
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “school phases” button, admin will click on delete icon that displayed in each row for each school phases information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of school phases, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Show all schools
Actors	Admin The admin will log in to the system then from the side bar click on the “schools” button, the system will redirect to the index page of schools, admin will select each od state, city, region, and district from drop-down list, system will display all schools according to the selected address
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Create new school
Actors	Admin The admin will log in to the system then from the side bar click on the “schools” button, the system will redirect to the index page of schools, admin will click on create new, system will redirect to create page of schools, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the grade name, the system will display a warning message ‘grade already exists’
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Edit school information
Actors	Admin The admin will log in to the system then from the side bar click on the “schools” button, admin will click on edit icon that displayed in each row for each school information, system will redirect to edit page of schools and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the grade name, the system will display a warning message ‘grade already exists’
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Delete school
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar click on the “schools” button, admin will click on delete icon that displayed in each row for each school information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of school, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

1.5.4.4 ministry of health

1.5.4.4.1 add new doctor

Scenario ID	QAMS-SC-1
Scenario Name	Add new doctor
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar, the system will redirect to the index page of doctors, admin will click on create new, system will redirect to create page of doctor, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	
Scenario ID	QAMS-SC-1
Scenario Name	Edit doctor's information
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each doctor information, system will redirect to edit page of doctors and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Delete doctor's work
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar c, admin will click on delete icon that displayed in each row for each doctor information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of doctors, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	
Scenario ID	QAMS-SC-1
Scenario Name	Show all healthcare types
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , the system will redirect to the index page of doctors, then display all healthcare types..</p>
Normal	
Scenario ID	QAMS-SC-1
Scenario Name	Add new healthcare type
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar, the system will redirect to the index page of healthcare types, admin will click on create new, system will redirect to create page of healthcare, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Edit healthcare type
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each healthcare information, system will redirect to edit page of healthcare and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	
Scenario ID	QAMS-SC-1
Scenario Name	Delete healthcare type
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each doctor information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of doctors, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	
Scenario ID	QAMS-SC-1
Scenario Name	Show all vaccinations
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , the system will redirect to the index page of vaccinations, then display all vaccinations.</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Add new vaccination
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar, the system will redirect to the index page of vaccination, admin will click on create new, system will redirect to create page of vaccination, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	Z	QAMS-SC-1
Scenario Name		Edit vaccination
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each vaccination information, system will redirect to edit page of vaccination and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the admin repeated the grade name, the system will display a warning message ‘grade already exists’</p>	
Normal		

Scenario ID	QAMS-SC-1
Scenario Name	Delete vaccination
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each vaccination information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of vaccination, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Show all vaccinations schedule
Actors	Admin
Normal	The admin will log in to the system then from the side bar , the system will redirect to the index page of vaccinations schedule, then display all vaccinations.

Scenario ID	QAMS-SC-1
Scenario Name	Add new vaccination schedule
Actors	citizen The admin will log in to the system then from the side bar, the system will redirect to the index page, admin will click on create new, system will redirect to create page of vaccination schedule, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Edit vaccination schedule
Actors	citizen The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each vaccination schedule information, system will redirect to edit page of vaccination schedule and display all its information, admin will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table If the admin has left the fields empty, the system will display a warning message “the fields is required”. If the admin repeated the grade name, the system will display a warning message ‘grade already exists’



Scenario ID	QAMS-SC-1
Scenario Name	Delete vaccination schedule
Actors	citizen The admin will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each vaccination schedule information, system will redirect to delete page of it and display all its information, and system will ask the citizen if he sure to delete this data, if citizen is sure he will click on button delete, system will redirect to index page of vaccination schedule, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all schedule vaccination
Actors	Admin
Normal	The admin will log in to the system then from the side bar , the system will redirect to the index page of schedule vaccination, then display all vaccinations.

Scenario ID	QAMS-SC-1
Scenario Name	Add new schedule vaccination
Actors	citizen The admin will log in to the system then from the side bar, the system will redirect to the index page, admin will click on create new, system will redirect to create page of schedule vaccination, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table. If the admin has left the fields empty, the system will display a warning message “the fields is required”.
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Edit schedule vaccination
Actors	<p>Citizen</p> <p>The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each schedule vaccination information, system will redirect to edit page of it and display all its information, citizen will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the citizen has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the citizen repeated the grade name, the system will display a warning message ‘grade already exists’</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete schedule vaccination
Actors	<p>Citizen</p> <p>The citizen will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each schedule vaccination information, system will redirect to delete page of it and display all its information, and system will ask the citizen if he sure to delete this data, if citizen is sure he will click on button delete, system will redirect to index page of vaccination schedule, all information will be displayed again except the deleted data, if citizen is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all doctor reservation
Actors	Admin
Normal	The admin will log in to the system then from the side bar , the system will redirect to the index page of doctor reservation, then display all reservations.



Scenario ID	QAMS-SC-1
Scenario Name	Add new doctor reservation
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar, the system will redirect to the index page, admin will click on create new, system will redirect to create page, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete doctor reservation
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each doctor reservation information, system will redirect to delete page of it and display all its information, and system will ask the citizen if he sure to delete this data, if citizen is sure he will click on button delete, system will redirect to index page of doctor reservation, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Show all hospitals
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar , and will fill all fields, the system will redirect to the index page of hospitals, then display all hospitals.</p>
Normal	



Scenario ID	QAMS-SC-1
Scenario Name	Add new hospital
Actors	<p>Admin</p> <p>The admin will log in to the system then from the side bar, the system will redirect to the index page, admin will click on create new, system will redirect to create page, admin will fill all fields in this page then click on button create, system will redirect to index page and display all information with the new data created in table.</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Delete hospital information
Actors	<p>admin</p> <p>The admin will log in to the system then from the side bar , admin will click on delete icon that displayed in each row for each hospital information, system will redirect to delete page of it and display all its information, and system will ask the admin if he sure to delete this data, if admin is sure he will click on button delete, system will redirect to index page of vaccination schedule, all information will be displayed again except the deleted data, if admin is not sure to delete this information he will click on back to list, system will redirect to index page and no information will be deleted</p>
Normal	

Scenario ID	QAMS-SC-1
Scenario Name	Edit hospital information
Actors	<p>admin</p> <p>The admin will log in to the system then from the side bar , admin will click on edit icon that displayed in each row for each hospital information, system will redirect to edit page of it and display all its information, citizen will edit any of its information then click on button edit, system will redirect to the index page and display the new information of the updated data in table</p> <p>If the admin has left the fields empty, the system will display a warning message “the fields is required”.</p> <p>If the citizen repeated the hospital name, the system will display a warning message ‘hospital name already exists’</p>
Normal	



1.5.5 AndroidAPI

Scenario ID	GSE-SC-
Scenario Name	Get state
Actors	Mobile Application The ATM use volley library and set server url of service 'get state' and send request to server then server take request and match with service then return all states from database except states that value of is_deleted attribute in database is true , if there is no data server will return empty json file..
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get City
Actors	Mobile Application The ATM take id of state selected by citizen then use volley library to set server url of service 'get City' and set the parameter 'Sid ' is id of selected state and send request to server then server take request and match with service then return all cities from database except cities that value of is_deleted attribute in database is true, if there is no data server will return empty json file..
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get Region
Actors	Mobile Application The ATM take id of city selected by citizen then use volley library to set server url of service 'get Region ' and set the parameter 'Cid ' is id of selected city and send request to server then server take request and match with service then return all regions of this city from database except regions that value of is_deleted attribute in database is true , if there is no data server will return empty json file..
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get District
Actors	Mobile Application The ATM take id of region selected by citizen then use volley library to set server url of service 'get district' and set the parameter 'Rid ' is id of selected Region and send request to server then server take request and match with service then return all districts of this region from database except districts that value of is_deleted attribute in database is true, if there is no data server will return empty json file.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Get Government Body
Actors	Mobile Application The ATM use volley library and set server url of service 'Get Government Body' and send request to server then server take request and match with service then return all government bodies from database except government body that value of 'is_deleted' attribute in database is true,, if there is no data server will return empty json file..
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get City Get services of Government Body
Actors	Mobile Application The ATM take id of government body selected by citizen then use volley library to set server url of service 'Get services of Government Body' and set the parameter 'Govid' is id of selected government body and send request to server then server take request and match with service then return all services from database except services that value of 'is_deleted' attribute in database is true.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get civil registry offices
Actors	Mobile Application The ATM take id of district selected by citizen then use volley library to set server url of service 'Get civil registry offices' and set the parameter 'Did' is id of selected district and send request to server then server take request and match with service then return all offices from database except offices that value of 'is_deleted' attribute in database is true, if there is no data server will return empty json file..
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get all children
Actors	Mobile Application The ATM take id of citizen that login in application then mobile application use volley library to set server url of service 'Get all children' and set the parameter 'FId' is id of citizen and send request to server after that server take request and match with service then return json file contain all children names and Ids of citizen from database, if there is no data server will return empty json file..
Normal	



Scenario ID	GSE-SC-
Scenario Name	Get Requests Ambulance
Actors	Mobile Application The Mobile application take id of citizen that login in application then mobile application use volley library to set server url of service 'Get Requests Ambulance' and set the parameter 'cId' is id of citizen and send request to server after that server take request and match with service then return json file contain all requests of this citizen from database, if there is no data server will return empty json file.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get Responds of complaints
Actors	Mobile Application The Mobile application take id of complaint after selected by citizen that login in application then mobile application use volley library to set server url of service 'Get Responds of complaints' and set the parameter 'cId' is id of specified complaint and send request to server after that server take request and match with service then return json file contain respond of this complaint and date of replay from database, if there is no data server will return empty json file.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get Vaccination Reservations
Actors	Mobile Application The ATM take id of citizen that login in application then mobile application use volley library to set server url of service 'Get Vaccination Reservations' and set the parameter 'citizenid' is id of citizen and send request to server after that server take request and match with service then return json file contain all vaccination reservations of this citizen from database, if there is no data server will return empty json file
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get All Vaccination Type By child id
Actors	Mobile Application The ATM take id of child selected by citizen that login in application then mobile application use volley library to set server url of service 'Get All Vaccination Type By child id' and set the parameter 'cti' is id of specified child then send request to server after that server take request and match with service then return json file all vaccination types names. IDs allowed to this child, if there is no data server will return empty json file.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Get All Vaccination Appointment By HealthCare Id
Actors	Mobile Application The ATM take id of healthcare selected by citizen that login in application then mobile application use volley library to set server url of service 'Get All Vaccination Appointment By HealthCare Id' and set the parameter 'hos' is id of specified heathcare then send request to server after that server take request and match with service then return json file all vaccination appointments, if there is no data server will return empty json file.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get Doctor Reservations
Actors	Mobile Application The ATM take id of citizen that login in application then mobile application use volley library to set server url of service ' Get Doctor Reservations ' and set the parameter 'citizenid' is id of citizen and send request to server after that server take request and match with service then return json file contain all doctor reservations of this citizen from database, if there is no data server will return empty json file
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get All HealtCares ByVaccinationType HealthcareType And DistrictId
Actors	Mobile Application The ATM take id of healthcare type, id of vaccination type, and id of district that selected by citizen that login in application ,then mobile application use volley library to set server url of service Get All HealtCare ByVaccinationType_HeathcareTypeAndDistrict' and set the parameter 'HCTId' is id of specified heathcareType , 'VtId' is the id of specified vaccination type ,and 'Did' is the id of specified district,then send request to server after that server take request and match with service then return json file all healthcare names and IDs, if there is no data server will return empty json file.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Send Complaint
Actors	Mobile Application The ATM take id of citizen that login in application , id of government body selected by citizen and the complaint text entered by citizen and citizen may enter his national id ,then mobile application use volley library to set server url of service ' Send Complaint ' and set the parameter 'cId' is id of citizen , 'GovId' is the id of specified government body ,and 'comText' is the complaint text ,and may include 'NId' is the national id of citizen , then send request to server after that server take request and match with service then return successful message 'Complaint has been sent successfully', if missing any parameter the system return fail message 'Try again later'.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Request Ambulance
Actors	Mobile Application The ATM take id of citizen that login in application ,latitude and longitude of address of current location, and details text entered by citizen ,then mobile application use volley library to set server url of service 'Request Ambulance ' and set the parameter 'cId' is id of citizen , 'lat' is the number of latitude , 'long' is the number of longitude, and 'details' is the details of request , then send request to server after that server take request and match with service then return successful message 'The request has been sent successfully. We will arrive soon', if missing any parameter the system return fail message 'Try again later'
Normal	

Scenario ID	GSE-SC-
Scenario Name	Cancel Vaccination Reservations
Actors	Mobile Application The ATM take id of citizen that login in application, and id of reservation selected by citizen, then mobile application use volley library to set server url of service 'Cancel Vaccination Reservations ' and set the parameter 'citizenid' is id of citizen, 'Reservation_id' is id of specified reservation, then send request to server after that server take request and match with service then return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Cancel Doctor Reservations
Actors	Mobile Application The ATM take id of citizen that login in application, and id of reservation selected by citizen, then mobile application use volley library to set server url of service 'Cancel Doctor Reservations ' and set the parameter 'citizenid ' is id of citizen, 'Reservation_id' is id of specified reservation, then send request to server after that server take request and match with service then return successful message 'Reservation Canceled', if reservation has old date the system return fail message 'Reservation appointment missed'.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get Violations
Actors	Mobile Application The ATM take id of citizen that login in application, then mobile application use volley library to set server url of service 'Get Violations ' and set the parameter 'cId ' is id of citizen, , then send request to server after that server take request and match with service then return json file contain all violations, if there is no data in database server will return empty json file.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Reserve Vaccination
Actors	Mobile Application The ATM take id of citizen that login in application ,id of child ,id of vaccination type ,id of healthcare, and id of appointment in healthcare selected by citizen ,then mobile application use volley library to set server url of service ' Reserve Vaccination ' and set the 'Citizen_id' is the id of citizen,'child_id' is id of specified child,'VaccinationType_id' is the id of specified vaccination type, and 'HealthCare_id' id of specified HealthCare, and 'schedule' is id of specified appointment, then send request to server ,after that server take request and match with service then server will send e-mail send to citizen includes details and return Successful message 'Successfully reserved check your email '.If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.If day is get full the system will return message ' day is full choose another day'.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Reserve Doctor Appointment
Actors	<p>Mobile Application</p> <p>The ATM take id of citizen that login in application, id of doctor, id of healthcare, and id of appointment in healthcare selected by citizen ,then mobile application use volley library to set server url of service 'Reserve Doctor Appointment' and set 'Citizen_id' is the id of citizen,'hospital_id' is id of specified healthcare,'doctor_id' is the id of specified doctor ,and 'schedule' is id of specified appointment, then send request to server ,after that server take request and match with service then server will send e-mail to citizen includes details and return Successful message 'Successfully reserved check your email '. If the citizen already reserve on this day the system will return message ' you are already reserved on this day '.If day is get full the system will return message ' day is full choose another day'.</p>
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get Requests
Actors	<p>Mobile Application</p> <p>The Mobile application take id of citizen that login in application, then mobile application use volley library to set server url of service ' Get Requests ' and set the parameter 'request_citizenId' is id of citizen, then send request to server after that server take request and match with service then return json file contain all requests, if there is no data in database server will return empty json file.</p>
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get Reservations of Gov
Actors	<p>Mobile Application</p> <p>The ATM take id of citizen that login in application, then mobile application use volley library to set server url of service ' Get Reservations of Gov ' and set the parameter 'reservation_citizen_id' is id of citizen, then send request to server after that server take request and match with service then return json file contain all reservations, if there is no data in database server will return empty json file.</p>
Normal	



Scenario ID	GSE-SC-
Scenario Name	Send Request
Actors	Mobile Application The ATM take id of citizen that login in application ,id of service selected by citizen ,address of reviced place ,language of document ,numbee of copies ,and id of government body selected by citizen ,then mobile application use volley library to set server url of service ' Send Request ' and set the 'request_citizenId' is the id of citizen, 'address' is place of receive request , 'language' is language is of document , 'quantity' is number of copies,'service' is id of specified service, and 'governmentAgency' is id of specified government body, then send request to server ,after that server take request and match with service then return successful message ' Successful send'. If the citizen already reserve this service the system will return message 'Already requested the same service '.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Reserve Appointment
Actors	Mobile Application The ATM take id of citizen that login in application ,id of service selected by citizen ,date of appointment selected by citizen ,and id of office selected by citizen ,then mobile application use volley library to set server url of service ' Reserve Appointment ' and set the 'reservation_citizenId' is the id of citizen , 'reservation_date' is date of appointment,'reservation_office_id' is id of specified office ,and 'service' is id of specified service, then send request to server ,after that server take request and match with service then return successful message 'Successful Reserved'. If the day full the server return message ' day full, choose another day'. If the citizen has already reservation in this day and in same office, the system will return "you have reserved in this office once at that date '.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Change Pin Number
Actors	Mobile Application The ATM take id of citizen that login in application and new pin number, then mobile application use volley library to set server url of service ' Change Pin Number ' and set the parameter 'Login_CitizenId' is the id of citizen, 'new_pass' is new pin number, then send request to server after that server take request and match with service then System encrypt new pin number and select citizen by id and change pin number by new pin number. If system change pin number the system will return message 'Successful change pin Number' , if system cant select citizen then system return 'can't change pin number'
Normal	



Scenario ID	GSE-SC-
Scenario Name	Login with Pin Number
Actors	Mobile Application The ATM take national id and pin number from citizen, then mobile application use volley library to set server url of service ' Login with Pin Number ' and set the 'Login_CitizenNId' is the national id of citizen, 'Login_Password' is pin number, then send request to server after that server take request and match with service then System encrypt pin number and try to get citizen has this national id and pin number .if system find citizen will return json contain citizen data. If system can't find citizen will return empty json file
Normal	

Scenario ID	GSE-SC-
Scenario Name	Login With QR code
Actors	Mobile Application The ATM take national id and QR code from citizen, then mobile application use volley library to set server url of service Login With QR code ' and set the 'Login_CitizenNId' is the national id of citizen, 'Login_QRcode' is QR code, then send request to server after that server take request and match with service then System try to get citizen has this national id and QR code .if system find citizen will return json contain citizen data. If system can't find citizen will return empty json file
Normal	

Scenario ID	GSE-SC-
Scenario Name	Get All Sepc By HospitalId
Actors	Mobile Application The ATM take id of healthcare selected by citizen then use volley library to set server url of service ' Get All Sepc By HospitalId ' and set the parameter 'hid' is the id of specified healthcare, and send request to server then server take request and match with service then return json file conatin all specialization names and Ids from database except specialization that value of is_deleted attribute in database is true, if there is no data server will return empty json file.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Get schedule Doctor
Actors	Mobile Application The ATM take id of doctor selected by citizen then use volley library to set server url of service ' Get schedule Doctor ' and set the parameter 'docId' is the id of specified doctor., and send request to server then server take request and match with service then return json file contain all doctor appointments and IDs from database, if there is no data server will return empty json file.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Get All doctors By SpecId
Actors	Mobile Application The ATM take id of specialization and id of healthcare selected by citizen then use volley library to set server url of service ' Get schedule Doctor ' and set the parameter 'sid' is the id of specified specialization, and 'hoss' is id of specified healthcare, and send request to server then server take request and match with service then return json file contain all doctor names and IDs from database, if there is no data server will return empty json file.
Normal	

Mobile Application

Scenario ID	GSE-SC-
Scenario Name	Show reservations of doctor appointments
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then click on card Ministry of health and then click on card of doctor reservations list of cards in the ministry of health so the reservations list will displayed.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Show reservations of vaccination appointments
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then click on card Ministry of health and then click on card of vaccinations reservations list of cards in the ministry of health so the reservations list will displayed.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Show requests of ambulance
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then click on card 'Ministry of health' and then click on card of 'Request an ambulance list' of cards in the ministry of health so the Requests list will be displayed, citizen will press long on any request then pop-up menu with one option 'Show in map' will open then citizen click on it will open the map with marker in the place of request.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Book appointment with doctor
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'ministries' tab, then click on card 'Ministry of health' and then click on card of 'book appointment with doctor' from the list of cards in the ministry of health. after that, the 'book appointment with doctor' screen will be displayed and the citizen will select the healthcare type , specialization then select the state, city ,region, and district for the healthcare he want ,then select the healthcare ,doctor ,and appointment of this doctor in this healthcare then he clicks send icon ,the confirmation message 'Are you want to reserve this appointment' on pop-up screen will be displayed then he click on 'Reserve' button ,After that the system send the data entered and responds with a successful message.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Book appointment to vaccination
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'ministries' tab, then click on card 'Ministry of health' and then click on card of 'book appointment to vaccination' from the list of cards in the ministry of health. after that, the 'book appointment to vaccination' screen will be displayed and the citizen will select his child he want to vaccinate , and select vaccination type and Healthcare type then select the state, city ,region, and district for the healthcare he want ,then select the healthcare , and the appointment of this vaccination in this healthcare then he clicks send icon ,the confirmation message 'Are you want to reserve this appointment' on pop-up screen will be displayed then he click on 'Reserve' button ,After that the system send the data entered and responds with a successful message.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Request an ambulance
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'ministries' tab, then click on card 'Ministry of health' and then click on card of 'Request an ambulance' from the list of cards in the ministry of health. after that, the 'Request an ambulance' screen will be displayed and the citizen clicks yes on pop-up message to enable GPS and switch on GPS from phone , he clicks on send icon then pop-up screen will displayed then he enter details of request in field in pop-up screen and click on yes button. After that the system send the data entered and responds with a successful message.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search on List of vaccination reservations
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card 'Ministry of health' and then click on card of 'vaccinations reservations list' of cards in the ministry of health so the reservations list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed .
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search on Requests of ambulance
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card Ministry of health and then click on card of 'Request an ambulance list' of cards in the ministry of health so the requests list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Cancel Vaccination Reservation
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card Ministry of health and then click on card of 'vaccinations reservations list' of cards in the ministry of health so the reservations list will displayed. after that citizen press long click on reservation he want to delete it, then pop-up menu with one option 'cancel' will displayed and he click on it and confirmation message will displayed then citizen click on delete then the system will display successful message 'Reservation Canceled' If the reservation is old the system will display message 'An old reservation cannot be canceled'.
Normal	
Scenario ID	GSE-SC-
Scenario Name	Cancel Doctor Reservation
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card Ministry of health and then click on card of 'doctor reservations list' of cards in the ministry of health so the reservations list will displayed. after that citizen press long click on reservation he want to delete it, then pop-up menu with one option 'cancel' will displayed and he click on it and confirmation message will displayed then citizen click on delete then the system will display successful message 'Reservation Canceled' If the reservation is old the system will display message 'An old reservation cannot be canceled'.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Show List of Complaints
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Complaint List' tab, after that the List of complaints will display, if there is no complaints the system will display empty list.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search in list of complaints
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Complaint List' tab, after that the List of complaints will display, if there is no complaints the system will display empty list. After that citizen click on search icon then system will open field to enter data related to Complaint data, then citizen enter the data to be searched for, then system will filter the list and get all matched complaints with the text entered.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Show Responses of Complaints
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Complaint List' tab, after that the List of complaints will display, if there is no complaints the system will display empty list. After that the citizen will press long on item in list ,then the system will display pop-up menu with one option 'Show Response' and citizen click on this option so System will display pop-up screen that content the response and date of response , If there is no response the system will display message ' No Respond yet '.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Show Hospitals
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Show places near me' tab, after that the screen will be displayed and the citizen clicks yes on pop-up message to enable GPS and switch on GPS from phone, then the system will open the map with marker on the current location, then citizen click on button 'Hospitals', so the system will display markers on hospitals near current location. If the system can't determine hospitals near citizen, the system will display message ' Change you location and try again'.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Show Schools
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Show places near me' tab, after that the screen will be displayed and the citizen clicks yes on pop-up message to enable GPS and switch on GPS from phone, then the system will open the map with marker on the current location, then citizen click on button 'Schools', so the system will display markers on schools near current location. If the system can't determine hospitals near citizen, the system will display message ' Change you location and try again'.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Show Restaurants
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Show places near me' tab, after that the screen will be displayed and the citizen clicks yes on pop-up message to enable GPS and switch on GPS from phone, then the system will open the map with marker on the current location, then citizen click on button 'Restaurants', so the system will display markers on restaurants near current location. if the system can't determine hospitals near citizen, the system will display message ' Change you location and try again'.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search for place on map
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Show places near me' tab, after that the screen will be displayed and the citizen clicks yes on pop-up message to enable GPS and switch on GPS from phone ,then the system will open the map with marker on the current location, then the citizen will enter text on field of search and click on button search, so that the system will display marker on place searched for .if the system can't determine place searched for , the system will display message ' Try again with clear text '.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Send Complaint
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'Ministries' tab, then citizen click on bar 'send Complaint' ,after that the screen of send complaint will open and system will get government body names and put in dropdown of it, then citizen will select the name of government body from dropdown and will enter the complaint in field of it and its optional to enter his national id, finally he click on send icon and system will display confirmation message ' Are you want to send this complaint' then citizen will click on send so the system will send the complaint and responds with successful message 'Complaint has been sent successfully'.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search on List of doctor reservations
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card 'Ministry of health' and then click on card of 'doctor reservations list' of cards in the ministry of health so the reservations list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed .
Normal	



Scenario ID	GSE-SC-
Scenario Name	Show List of Requests
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then click on card 'Ministry of Interior' and then click on card of 'List of Requests' from cards in the ministry of interior so the requests list will displayed.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Show reservations of c government body
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then click on card 'Ministry of Interior' and then click on card of 'List of Reservations' from cards in the ministry of interior so the reservations list will displayed.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search on list of Requests
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card 'Ministry of Interior' and then click on card of 'List of Requests' from cards in the ministry of interior so the requests list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed .
Normal	

Scenario ID	GSE-SC-
Scenario Name	Search on List of government body reservations
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on ministries tab, then clicks on card 'Ministry of Interior' and then click on card of 'List of Reservations' from cards in the ministry of interior so the reservations list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed .
Normal	



Scenario ID	GSE-SC-
Scenario Name	Search on List of Traffic Violations
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several options. He will click on ministries tab, then click on card Ministry of interior and then click on card of Traffic violations from the list of cards in the ministry of interior so the Traffic violations list will displayed. after that he clicks on search icon then field of search will opened then he enter the data to be searched for then the system filter the list and matching data will be displayed .
Normal	

Scenario ID	GSE-SC-
Scenario Name	Book appointments in government body
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several options. He will click on ministries tab, then click on card Ministry of interior and then click on card of Reservations from the list of cards in the ministry of interior. After that the system will display reservations screen then the citizen select government body, state, city, region and district that the system got each data based on the previous selections of the citizen, then citizen will select office from offices drop down that located in the address the citizen determined it in selection of (state, city, region, and district) then the citizen select service that he want and select the date from date picker. after that citizen will click on send icon then system will display pop-up screen with confirmation message 'Are you want to reserve this appointment?' and citizen click on reserve button then system will display successful message 'Successful Reserved'. If the day full the system display message 'day full, choose another day'. If the citizen has already reservation in this day and in same office, the system will display 'you have reserved in this office once at that date '.
Normal	

Scenario ID	GSE-SC-
Scenario Name	Request services
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several options. He will click on ministries tab, then click on card Ministry of interior and then click on card of Requests from the list of cards in the ministry of interior. After that the system will display Requests screen then the system will get names of government body and put on dropdown of it, then citizen select the name of government body from dropdown. The system will get all services of selected government body and put on dropdown of it ,then Citizen will select the service from dropdown .the Citizen will select the language of document that he want (Arabic or English) , and determine the number of copies of document .the Citizen will click on send icon ,then the system will display popup screen with field to enter the place of receipt ,then Citizen enter address of receipt place ,and citizen click on yes button ,then the system will display confirmation message ,and Citizen will click on send button ,then the system will display successful message 'Successful send'. If the citizen already reserve this service the system will display message 'Already requested the same service !'.
Normal	



Scenario ID	GSE-SC-
Scenario Name	Change password
Actors	Citizen The citizen will log in and then clicks on the side menu icon that displays several of options. He will click on 'change password' tab, after that the pop-up screen will display, then citizen fill all fields on screen current, new , and confirm password then click on button of 'change' , then system will display successful message " ,if citizen enter wrong current password ,system will display message 'wrong current password' ,if citizen enter different password in new and confirm then system will display message ' not matched' .
Normal	

Scenario ID	GSE-SC-
Scenario Name	Login
Actors	Citizen Citizen download app in your android device and getting pin number of your account then open app ,system will display splash activity then citizen click on 'start now' button ,then system will display login screen , citizen enter your national Id and click on pin number button, then system will display popup screen to enter pin number ,citizen will enter pin number and click on login after that system will display successful message' successful login' and redirect to ministry screen, if citizen enter invalid national id or pin number then system will display message' 'invalid National id or pin number' .
Normal	

Scenario ID	GSE-SC-
Scenario Name	Login By QR code
Actors	Citizen Citizen download app in your android device and getting ID card that contain QR code then open app ,system will display splash activity then citizen click on 'start now' button ,then system will display login screen , citizen enter your national Id and click on scan QR button, then system will display screen to scan QR code ,citizen will scan your QR code and click on login after that system will display successful message' successful login' and redirect to ministry screen, if citizen enter invalid national id or scan invalid QR code then system will display message' 'invalid National id or QR code" .
Normal	

Entity Relationship Diagram (ERD)

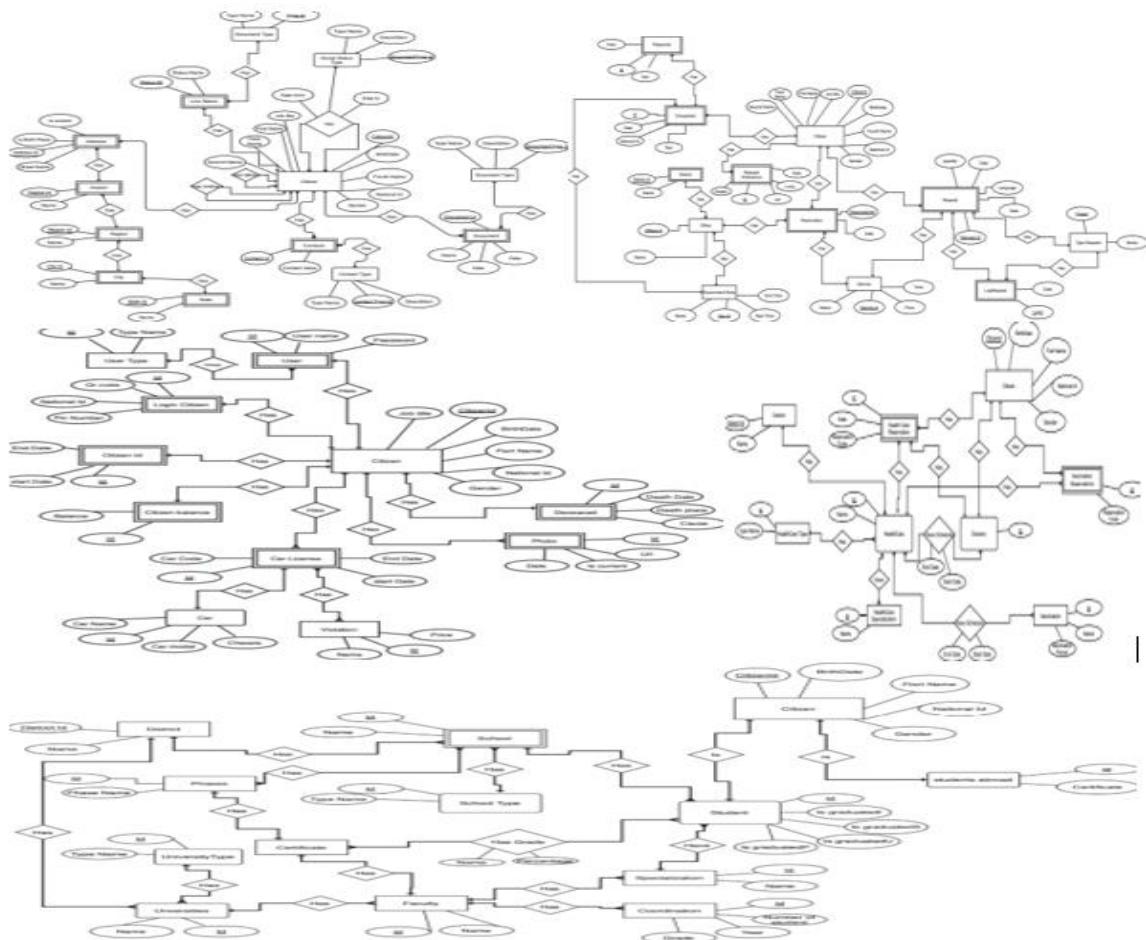


Figure 56: Entity Relationship diagram



Chapter 4: System Design



4.1 SYSTEM ARCHITECTURE

4.1.1 Application Architecture

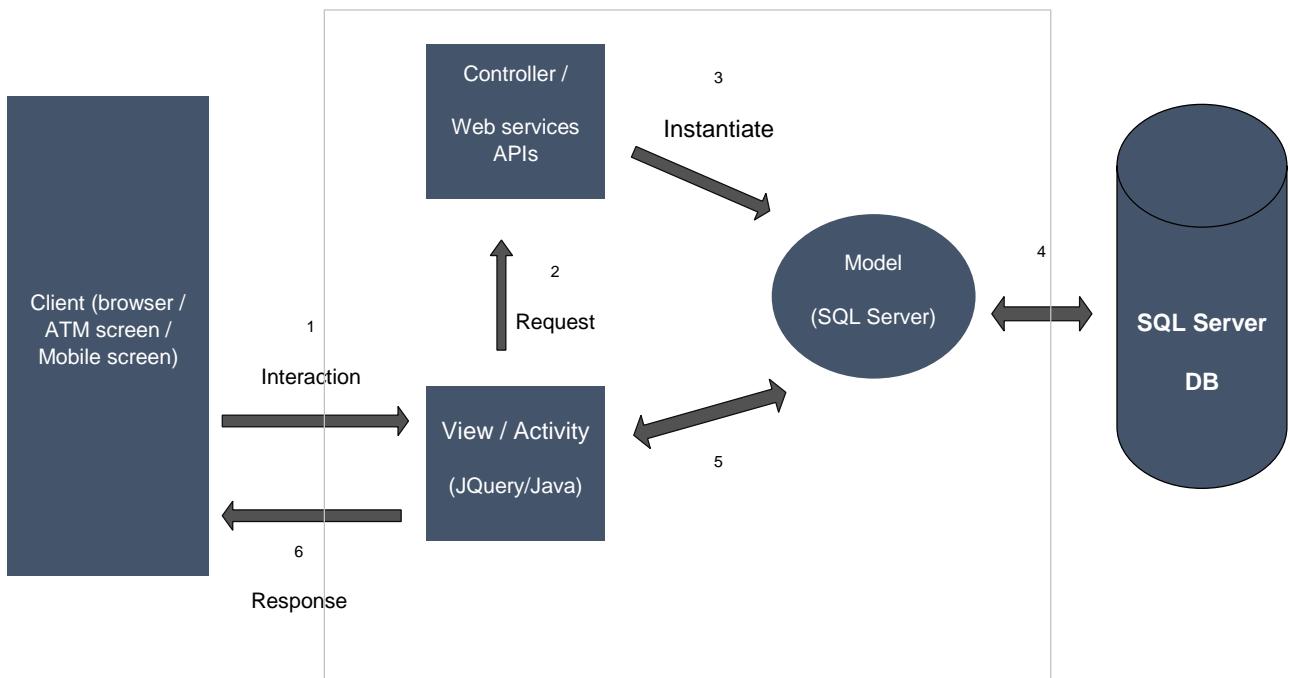


Figure 57: Application Architecture



4.2 class diagram

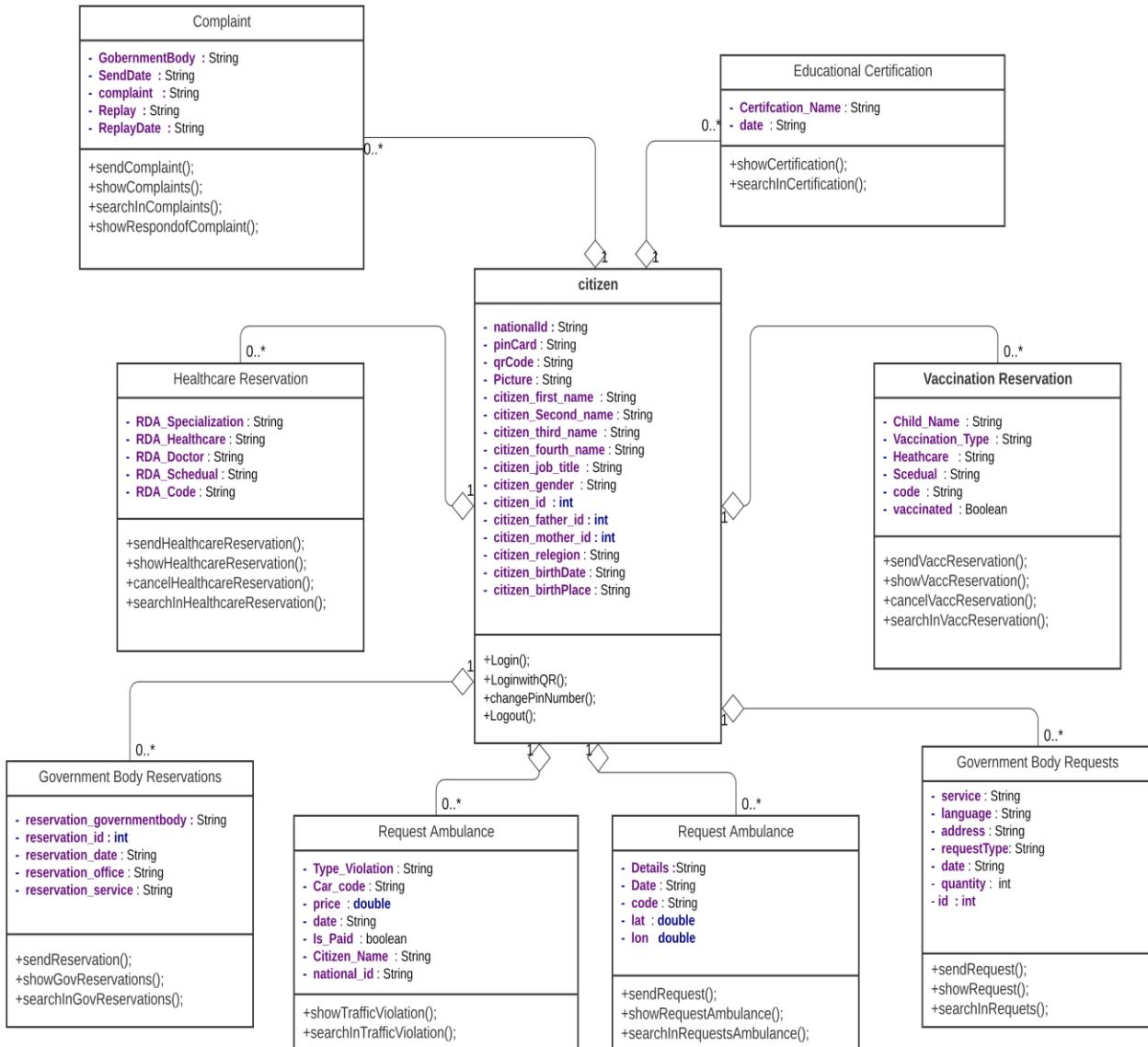


Figure 58: class diagram 1

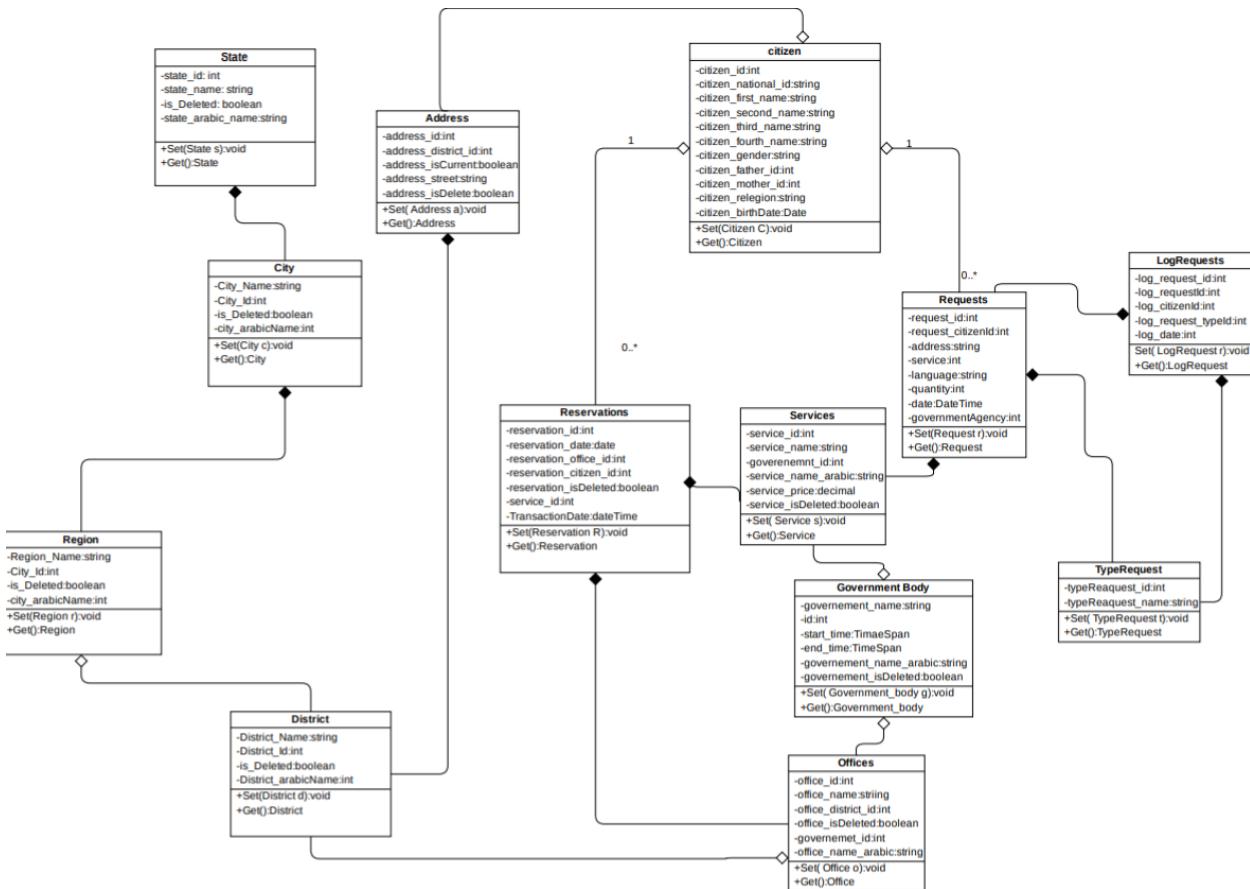


Figure 59: class diagram 2

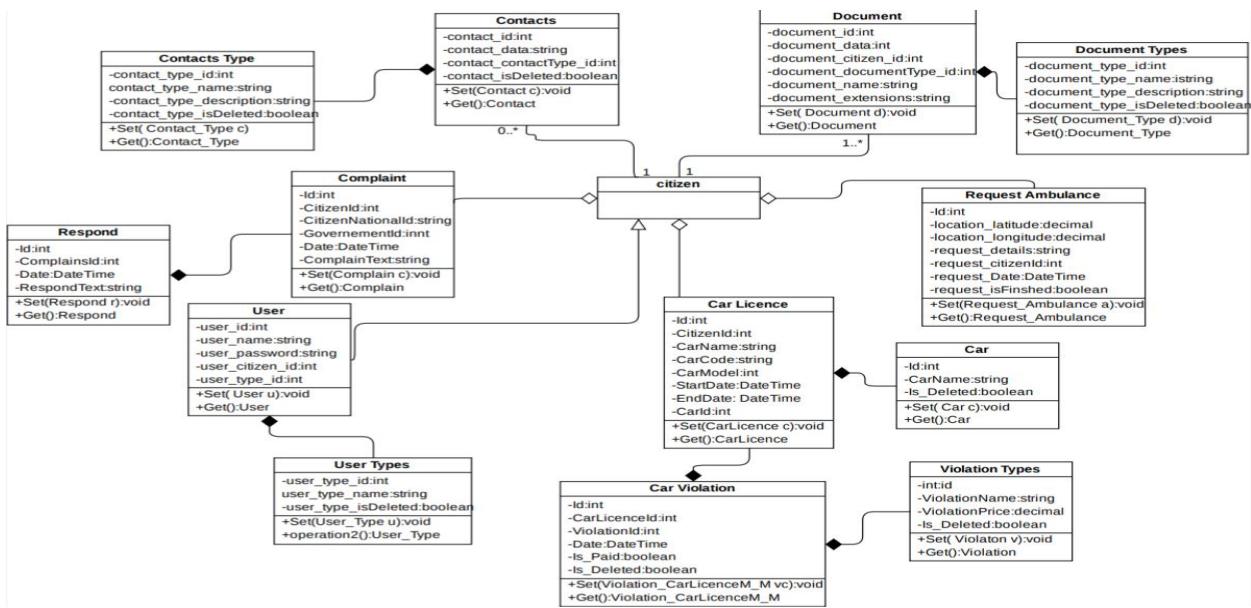


Figure 60: class diagram 3

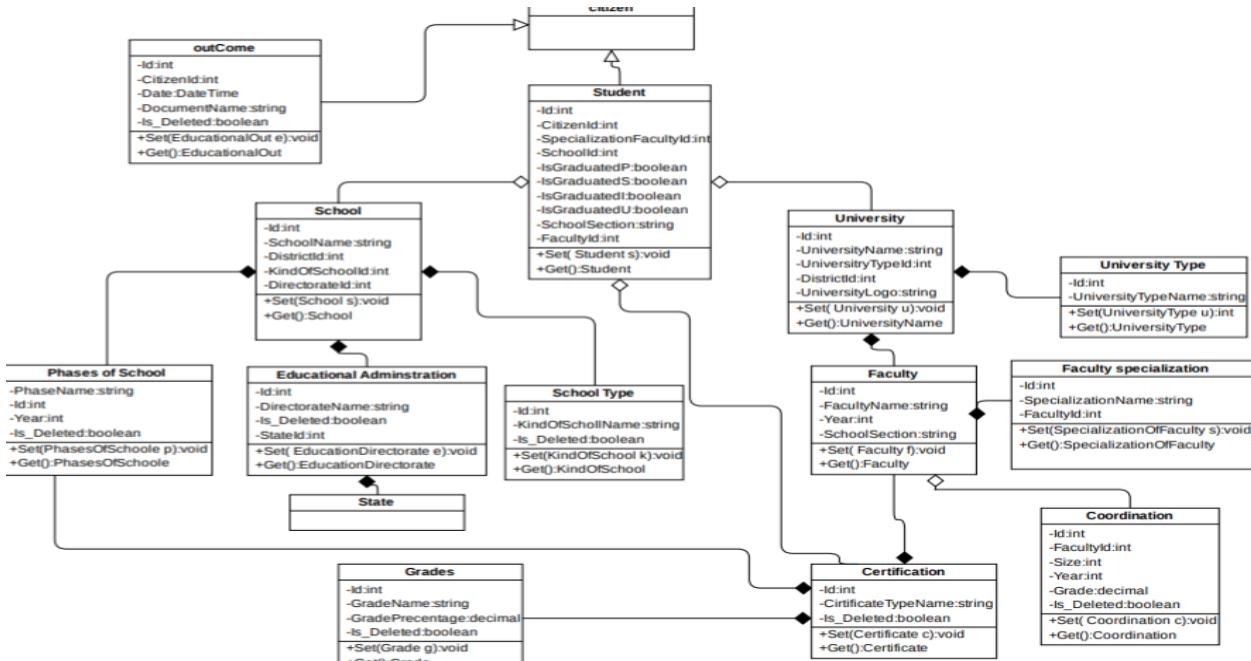


Figure 61: ckass diagram 4

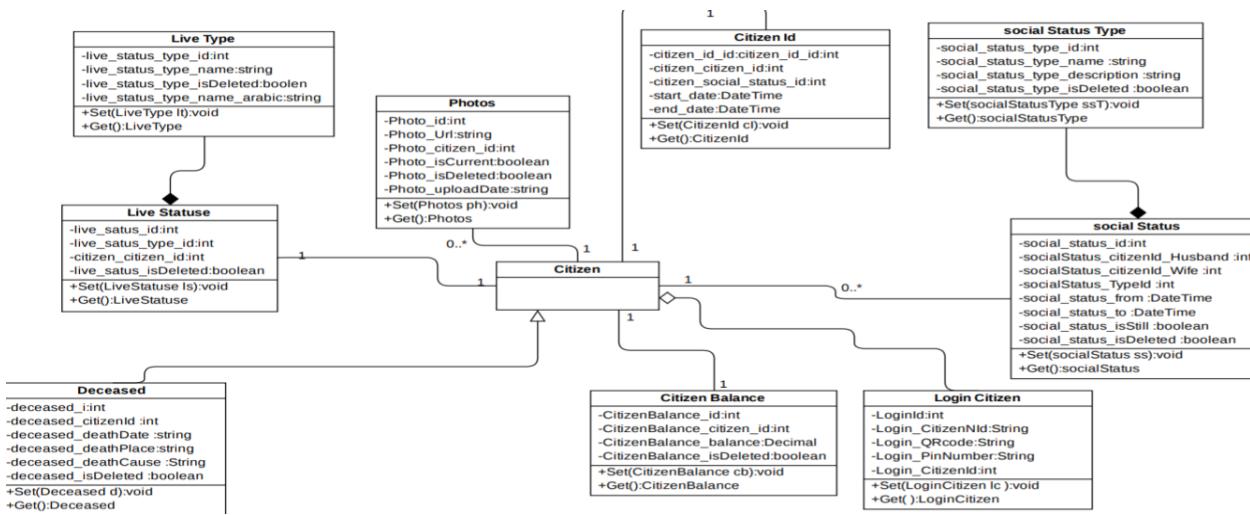


Figure 62: class diagram 5

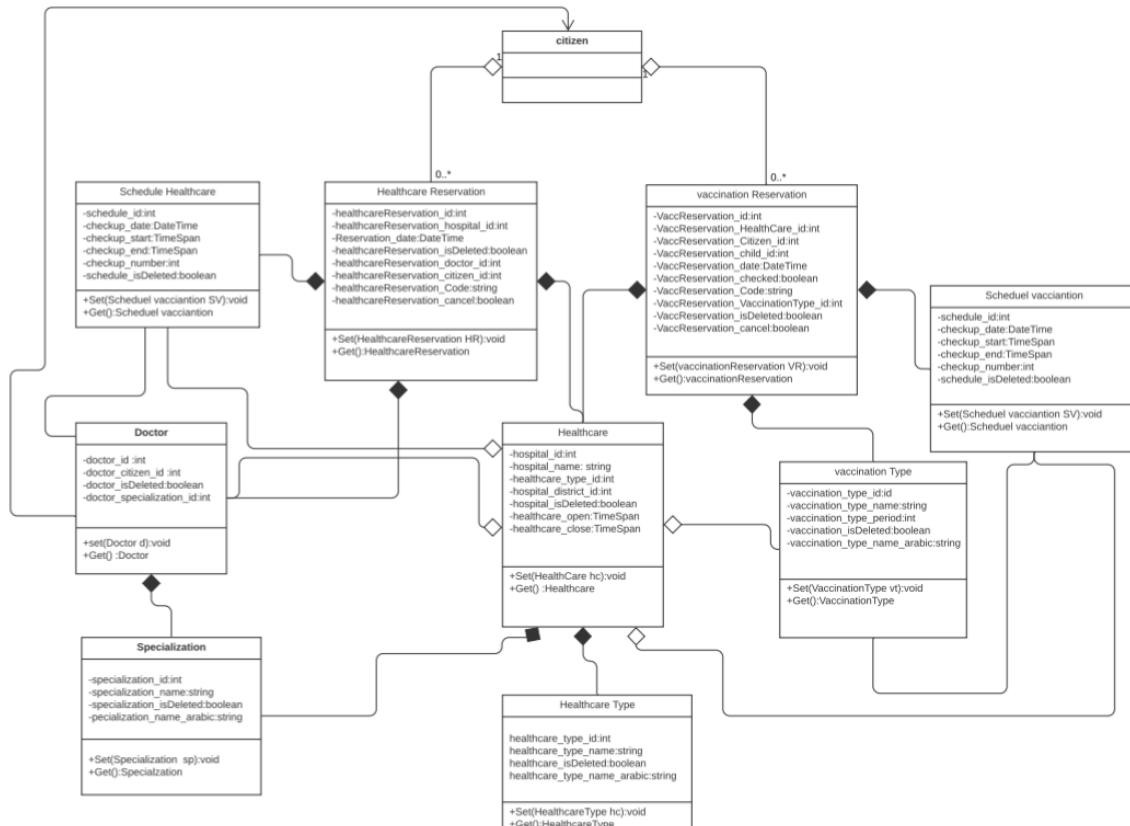


Figure 63: class diagram6



4.3 Physical Model

Address

	Column Name	Data Type	Allow Nulls
Y	address_id	int	<input type="checkbox"/>
Y	address_district_id	int	<input type="checkbox"/>
	address_isCurrent	bit	<input type="checkbox"/>
	address_isBirthPlace	bit	<input type="checkbox"/>
	address_street	nvarchar(50)	<input type="checkbox"/>
	address_isDelete	bit	<input checked="" type="checkbox"/>
	address_street_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	transactionDate	date	<input checked="" type="checkbox"/>

AddressCitizen

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
Y	CA_CitizenId	int	<input type="checkbox"/>
Y	CA_AddressId	int	<input type="checkbox"/>

AreasAuthorityRequests

	Column Name	Data Type	Allow Nulls
Y	AreasAuthorityRequest_id	int	<input type="checkbox"/>
	AreasAuthorityRequest_...	nvarchar(50)	<input checked="" type="checkbox"/>
	AreasAuthorityRequests_...	int	<input checked="" type="checkbox"/>
	AreasAuthorityRequests_...	nvarchar(50)	<input checked="" type="checkbox"/>
	AreasAuthorityRequests_...	nvarchar(50)	<input checked="" type="checkbox"/>
	AreasAuthorityRequests_...	nvarchar(50)	<input checked="" type="checkbox"/>

CarLicence

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CitizenId	int	<input checked="" type="checkbox"/>
	CarName	nvarchar(50)	<input checked="" type="checkbox"/>
	CarCode	nvarchar(50)	<input checked="" type="checkbox"/>
	CarNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	CarModel	int	<input checked="" type="checkbox"/>
	StartDate	date	<input checked="" type="checkbox"/>
	EndDate	date	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	CarId	int	<input type="checkbox"/>



Cars

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CarName	nvarchar(50)	<input checked="" type="checkbox"/>
	CarNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	Is Deleted	bit	<input checked="" type="checkbox"/>

Certificate

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CertificateTypeName	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	CertificateTypeNameAra...	nvarchar(50)	<input checked="" type="checkbox"/>

CertificateStudentM_M

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	StudentId	int	<input checked="" type="checkbox"/>
	Certificateld	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	Gradeld	int	<input checked="" type="checkbox"/>

Citizen_id

	Column Name	Data Type	Allow Nulls
Y	citizen_id_id	int	<input type="checkbox"/>
	citizen_citizen_id	int	<input checked="" type="checkbox"/>
	citizen_social_status_id	int	<input checked="" type="checkbox"/>
	start_date	date	<input checked="" type="checkbox"/>
	end_date	date	<input checked="" type="checkbox"/>



Citizen

	Column Name	Data Type	Allow Nulls
Y	citizen_id	int	<input type="checkbox"/>
	citizen_national_id	varchar(50)	<input type="checkbox"/>
	citizen_first_name	varchar(50)	<input type="checkbox"/>
	citizen_second_name	varchar(50)	<input checked="" type="checkbox"/>
	citizen_third_name	varchar(50)	<input checked="" type="checkbox"/>
	citizen_fourth_name	varchar(50)	<input checked="" type="checkbox"/>
	citizen_job_title	varchar(50)	<input checked="" type="checkbox"/>
	citizen_gender	varchar(50)	<input checked="" type="checkbox"/>
	citizen_father_id	int	<input checked="" type="checkbox"/>
	citizen_mother_id	int	<input checked="" type="checkbox"/>
	citizen_isDeleted	bit	<input checked="" type="checkbox"/>
	citizen_relegion	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_birthDate	date	<input type="checkbox"/>
	citizen_birthPlace	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_first_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_second_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_third_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_fourth_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	citizen_birthPlace_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	TransactionDate	date	<input checked="" type="checkbox"/>

CitizenBalance

	Column Name	Data Type	Allow Nulls
Y	CitizenBalance_id	int	<input type="checkbox"/>
	CitizenBalance_citizen_id	int	<input checked="" type="checkbox"/>
	CitizenBalance_balance	money	<input checked="" type="checkbox"/>
	CitizenBalance_isDeleted	bit	<input checked="" type="checkbox"/>

City

	Column Name	Data Type	Allow Nulls
Y	city_id	int	<input type="checkbox"/>
	city_name	varchar(50)	<input checked="" type="checkbox"/>
	city_state_id	int	<input checked="" type="checkbox"/>
	city_isDeleted	bit	<input checked="" type="checkbox"/>
	city_arabic_name	nvarchar(50)	<input checked="" type="checkbox"/>



Complains

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CitizenId	int	<input checked="" type="checkbox"/>
	CitizenNationalId	nvarchar(50)	<input checked="" type="checkbox"/>
	GovernementId	int	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	ComplainText	nvarchar(MAX)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>

Contact

	Column Name	Data Type	Allow Nulls
Y	contact_id	int	<input type="checkbox"/>
	contact_data	varchar(100)	<input checked="" type="checkbox"/>
	contact_citizen_id	int	<input checked="" type="checkbox"/>
	contact_contactType_id	int	<input checked="" type="checkbox"/>
	contact_isDeleted	bit	<input checked="" type="checkbox"/>

Contact_Type

	Column Name	Data Type	Allow Nulls
Y	contact_type_id	int	<input type="checkbox"/>
	contact_type_name	varchar(50)	<input checked="" type="checkbox"/>
	contact_type_description	text	<input checked="" type="checkbox"/>
	contact_type_isDeleted	bit	<input checked="" type="checkbox"/>
	contact_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	contact_type_description_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

Coordination

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	FacultyId	int	<input type="checkbox"/>
	Size	int	<input checked="" type="checkbox"/>
	Year	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	Grade	money	<input checked="" type="checkbox"/>



Deceased

	Column Name	Data Type	Allow Nulls
Y	deceased_id	int	<input type="checkbox"/>
	deceased_citizenId	int	<input checked="" type="checkbox"/>
	deceased_deathDate	nvarchar(50)	<input checked="" type="checkbox"/>
	deceased_deathPlace	nvarchar(50)	<input checked="" type="checkbox"/>
	deceased_deathCause	nvarchar(50)	<input checked="" type="checkbox"/>
	deceased_isDeleted	bit	<input checked="" type="checkbox"/>
	deceased_deathCause_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	deceased_deathPlace_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

District

	Column Name	Data Type	Allow Nulls
Y	district_id	int	<input type="checkbox"/>
	district_name	varchar(50)	<input checked="" type="checkbox"/>
	district_region_id	int	<input checked="" type="checkbox"/>
	district_isDeleted	bit	<input checked="" type="checkbox"/>
	district_arabic_name	nvarchar(50)	<input checked="" type="checkbox"/>

Document

	Column Name	Data Type	Allow Nulls
Y	document_id	int	<input type="checkbox"/>
	document_data	text	<input checked="" type="checkbox"/>
	document_citizen_id	int	<input type="checkbox"/>
	document_documentType_id	int	<input type="checkbox"/>
	document_name	text	<input checked="" type="checkbox"/>
	document_extensions	nvarchar(50)	<input type="checkbox"/>
	document_isDeleted	bit	<input checked="" type="checkbox"/>
	document_date_upload	nvarchar(50)	<input checked="" type="checkbox"/>



Document_Type

	Column Name	Data Type	Allow Nulls
Y	document_type_id	int	<input type="checkbox"/>
	document_type_name	varchar(50)	<input checked="" type="checkbox"/>
	document_type_description	text	<input checked="" type="checkbox"/>
	document_type_isDeleted	bit	<input checked="" type="checkbox"/>
	document_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	document_type_description_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

EducationalOut

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CitizenId	int	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	IsGraduatedP	bit	<input checked="" type="checkbox"/>
	IsGraduatedS	bit	<input checked="" type="checkbox"/>
	IsGraduatedI	bit	<input checked="" type="checkbox"/>
	UserName	nvarchar(50)	<input checked="" type="checkbox"/>
	DocumentName	nvarchar(50)	<input checked="" type="checkbox"/>
	Is Deleted	bit	<input checked="" type="checkbox"/>

EducationDirectorate

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	DirectorateName	nvarchar(50)	<input checked="" type="checkbox"/>
	DirectorateNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	StatId	int	<input checked="" type="checkbox"/>



Faculty

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	FacultyName	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Dleted	bit	<input checked="" type="checkbox"/>
	Year	int	<input checked="" type="checkbox"/>
	FacultyNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	SchoolSection	nvarchar(50)	<input checked="" type="checkbox"/>

FacultyCertificateM_M

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	FacultyId	int	<input checked="" type="checkbox"/>
	CertificateId	int	<input checked="" type="checkbox"/>
	Is_deleted	bit	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	UserName	nvarchar(50)	<input checked="" type="checkbox"/>

governement_body

	Column Name	Data Type	Allow Nulls
Y	id	int	<input type="checkbox"/>
	governement_name	nvarchar(50)	<input checked="" type="checkbox"/>
	start_time	time(7)	<input checked="" type="checkbox"/>
	end_time	time(7)	<input checked="" type="checkbox"/>
	governement_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	governement_isDeleted	bit	<input checked="" type="checkbox"/>

Grades

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	GradeName	nvarchar(50)	<input checked="" type="checkbox"/>
	GradePrecentage	money	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	GradeNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>



GradesCertificateM_M

	Column Name	Data Type	Allow Nulls
Key	Id	int	<input type="checkbox"/>
	Gradeld	int	<input checked="" type="checkbox"/>
	CertificateId	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>

HealthCare

	Column Name	Data Type	Allow Nulls
Key	hospital_id	int	<input type="checkbox"/>
	hospital_name	nvarchar(50)	<input checked="" type="checkbox"/>
	healthcare_type_id	int	<input checked="" type="checkbox"/>
	hospital_district_id	int	<input checked="" type="checkbox"/>
	hospital_isDeleted	bit	<input checked="" type="checkbox"/>
	healthcare_open	time(7)	<input checked="" type="checkbox"/>
	healthcare_close	time(7)	<input checked="" type="checkbox"/>
	hospital name arabic	nvarchar(50)	<input checked="" type="checkbox"/>

Healthcare_Doctor

	Column Name	Data Type	Allow Nulls
Key	doctor_id	int	<input type="checkbox"/>
	Doctor_type_id	int	<input checked="" type="checkbox"/>
	doctor_citizen_id	int	<input checked="" type="checkbox"/>
	doctor_isDeleted	bit	<input checked="" type="checkbox"/>
	doctor specialization id	int	<input checked="" type="checkbox"/>

HealthCare_Type

	Column Name	Data Type	Allow Nulls
Key	healthcare_type_id	int	<input type="checkbox"/>
	healthcare_type_name	nvarchar(50)	<input checked="" type="checkbox"/>
	healthcare_isDeleted	bit	<input checked="" type="checkbox"/>
	healthcare_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>



HealthCareDoctorM-M

	Column Name	Data Type	Allow Nulls
Y	hospital_doctor_id	int	<input type="checkbox"/>
	hospitalDoctor_doctor	int	<input checked="" type="checkbox"/>
	hospitalDoctor_hospital	int	<input checked="" type="checkbox"/>

HealthcareReservation

	Column Name	Data Type	Allow Nulls
Y	healthcareReservation_id	int	<input type="checkbox"/>
	healthcareReservation_hospital_id	int	<input checked="" type="checkbox"/>
	Reservation_date	date	<input checked="" type="checkbox"/>
	healthcareReservation_isDeleted	bit	<input checked="" type="checkbox"/>
	healthcareReservation_doctor_id	int	<input checked="" type="checkbox"/>
	healthcareReservation_citizen_id	int	<input checked="" type="checkbox"/>
	healthcareReservation_Code	nvarchar(50)	<input checked="" type="checkbox"/>
	healthcareReservation_cancel	bit	<input checked="" type="checkbox"/>
	TransactionDate	date	<input checked="" type="checkbox"/>

HealthCareScheduleM-M

	Column Name	Data Type	Allow Nulls
Y	hospitalSchedule_id	int	<input type="checkbox"/>
	hospitalSchedule_hospital	int	<input checked="" type="checkbox"/>
	hospitalSchedule_schedule	int	<input checked="" type="checkbox"/>

HealthCareSpecializationM-M

	Column Name	Data Type	Allow Nulls
Y	hospitalSpecialization_id	int	<input type="checkbox"/>
	hospitalSpecialization_hospital_id	int	<input checked="" type="checkbox"/>
	hospitalSpecialization_specialization_id	int	<input checked="" type="checkbox"/>

HealthCareSpecializations

	Column Name	Data Type	Allow Nulls
Y	specialization_id	int	<input type="checkbox"/>
	specialization_name	nvarchar(50)	<input checked="" type="checkbox"/>
	specialization_isDeleted	bit	<input checked="" type="checkbox"/>
	specialization_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>



KindOfSchool

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	KindOfSchoolName	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	KindOfSchoolNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>

Live_Status

	Column Name	Data Type	Allow Nulls
Y	live_status_id	int	<input type="checkbox"/>
	live_status_type_id	int	<input type="checkbox"/>
	citizen_citizen_id	int	<input type="checkbox"/>
	live_status_isDeleted	bit	<input checked="" type="checkbox"/>

Live_Status_Type

	Column Name	Data Type	Allow Nulls
Y	live_status_type_id	int	<input type="checkbox"/>
	live_status_type_name	nvarchar(50)	<input checked="" type="checkbox"/>
	live_status_type_isDeleted	bit	<input checked="" type="checkbox"/>
	live_status_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

LoginCitizen

	Column Name	Data Type	Allow Nulls
Y	LoginId	int	<input type="checkbox"/>
	Login_CitizenNId	nvarchar(50)	<input checked="" type="checkbox"/>
	Login_Password	nvarchar(50)	<input checked="" type="checkbox"/>
	Login_PinNumber	nvarchar(50)	<input checked="" type="checkbox"/>
	Login_CitizenId	int	<input checked="" type="checkbox"/>
	Login_QRcode	nvarchar(100)	<input checked="" type="checkbox"/>



LogRequest

	Column Name	Data Type	Allow Nulls
Y	log_request_id	int	<input type="checkbox"/>
	log_requestId	int	<input checked="" type="checkbox"/>
	log_citizenId	int	<input checked="" type="checkbox"/>
	log_date	date	<input checked="" type="checkbox"/>
	log_request_typeId	int	<input checked="" type="checkbox"/>

Office

	Column Name	Data Type	Allow Nulls
Y	office_id	int	<input type="checkbox"/>
	office_name	nvarchar(50)	<input checked="" type="checkbox"/>
	office_district_id	int	<input checked="" type="checkbox"/>
	office_isDeleted	bit	<input checked="" type="checkbox"/>
	governemet_id	int	<input checked="" type="checkbox"/>
	office_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

PhasesOfSchooles

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	PhaseName	nvarchar(50)	<input checked="" type="checkbox"/>
	Year	int	<input checked="" type="checkbox"/>
	PhaseNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>

Photo

	Column Name	Data Type	Allow Nulls
Y	Photo_id	int	<input type="checkbox"/>
	Photo_Url	text	<input checked="" type="checkbox"/>
	Photo_citizen_id	int	<input checked="" type="checkbox"/>
	Photo_isCurrent	bit	<input checked="" type="checkbox"/>
	Photo_isDeleted	bit	<input checked="" type="checkbox"/>
	Photo_uploadDate	nvarchar(50)	<input checked="" type="checkbox"/>



police_officer

	Column Name	Data Type	Allow Nulls
Y	police_officer_id	int	<input type="checkbox"/>
	police_officer_citizen_id	int	<input checked="" type="checkbox"/>
	police_officer_policeDepartmentId	int	<input checked="" type="checkbox"/>

police_report

	Column Name	Data Type	Allow Nulls
Y	police_report_id	int	<input type="checkbox"/>
	police_report_number	int	<input checked="" type="checkbox"/>
	police_report_classification_id	int	<input checked="" type="checkbox"/>
	police_report_policeDepartment	int	<input checked="" type="checkbox"/>
	police_report_body	nvarchar(50)	<input checked="" type="checkbox"/>
	police_report_police_signature	int	<input checked="" type="checkbox"/>
	police_report_accused_signature	int	<input checked="" type="checkbox"/>
	police_report_DateAndTime	datetime	<input checked="" type="checkbox"/>
	police_report_type	int	<input checked="" type="checkbox"/>

PoliceDepartment

	Column Name	Data Type	Allow Nulls
Y	police_department_id	int	<input type="checkbox"/>
	police_department_name	nvarchar(50)	<input checked="" type="checkbox"/>
	police_department_district_id	int	<input type="checkbox"/>
	police_department_isDeleted	bit	<input checked="" type="checkbox"/>

PoliceReport_type

	Column Name	Data Type	Allow Nulls
Y	police_report_type_id	int	<input type="checkbox"/>
	police_report_type_name	nvarchar(50)	<input checked="" type="checkbox"/>
	police_report_type_isDeleted	bit	<input checked="" type="checkbox"/>



PoliceReportClassification

	Column Name	Data Type	Allow Nulls
Y	police_report_classification_id	int	<input type="checkbox"/>
	police_report_classification_name	nvarchar(50)	<input checked="" type="checkbox"/>

RealStateRegistryInterest

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterest_id	int	<input type="checkbox"/>
	realStateRegistryInterest_name	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterest_address	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_Departments_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_isDeleted	bit	<input checked="" type="checkbox"/>

RealStateRegistryInterestBranch

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterest_branch_id	int	<input type="checkbox"/>
	realStateRegistryInterest_branch_name	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterest_branch_realstate_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_branch_technical_member_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_branch_district_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_branch_isDeleted	bit	<input checked="" type="checkbox"/>

RealStateRegistryInterestDepartments

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterestDepartments_id	int	<input type="checkbox"/>
	realStateRegistryInterestDepartments_name	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterestDepartments_isDeleted	bit	<input checked="" type="checkbox"/>

RealStateRegistryInterestPopularContract

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterest_popularContract_id	int	<input type="checkbox"/>
	realStateRegistryInterest_popularContract_name	nvarchar(50)	<input checked="" type="checkbox"/>



RealStateRegistryInterestPropertyTaxes

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterestPropertyTaxes_id	int	<input type="checkbox"/>
	realStateRegistryInterestPropertyTaxes_number	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterestPropertyTaxes_body	nvarchar(50)	<input checked="" type="checkbox"/>

RealStateRegistryInterestReports

	Column Name	Data Type	Allow Nulls
	realStateRegistryInterest_reports_subject	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_vendor_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_buyer_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_Places_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_popularContract_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_propertyTaxes_id	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_price	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_request	int	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_number	nvarchar(50)	<input checked="" type="checkbox"/>
	realStateRegistryInterest_reports_Date	datetime	<input checked="" type="checkbox"/>
	realStateRegistryInterestBranch_id	int	<input checked="" type="checkbox"/>

RealStateRegistryInterestReportsSubject

	Column Name	Data Type	Allow Nulls
Y	realStateRegistryInterestReports_subject_id	int	<input type="checkbox"/>
	realStateRegistryInterestReports_subject_name	nvarchar(50)	<input checked="" type="checkbox"/>

Region

	Column Name	Data Type	Allow Nulls
Y	region_id	int	<input type="checkbox"/>
	region_name	nvarchar(50)	<input checked="" type="checkbox"/>
	region_city_id	int	<input checked="" type="checkbox"/>
	region_isDeleted	bit	<input checked="" type="checkbox"/>
	region_arabic_name	nvarchar(50)	<input checked="" type="checkbox"/>



Request

Column Name	Data Type	Allow Nulls
request_id	int	<input type="checkbox"/>
request_citizenId	int	<input checked="" type="checkbox"/>
address	nvarchar(50)	<input checked="" type="checkbox"/>
service	int	<input checked="" type="checkbox"/>
language	nvarchar(50)	<input checked="" type="checkbox"/>
quantity	int	<input checked="" type="checkbox"/>
typeRequest	int	<input checked="" type="checkbox"/>
date	date	<input checked="" type="checkbox"/>
governmentAgency	int	<input checked="" type="checkbox"/>
address_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
language_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
TransactionDate	date	<input checked="" type="checkbox"/>
Is Deleted	bit	<input checked="" type="checkbox"/>

Request_Ambulance

Column Name	Data Type	Allow Nulls
Id	int	<input type="checkbox"/>
location_latitude	money	<input checked="" type="checkbox"/>
location_longitude	money	<input checked="" type="checkbox"/>
request_details	nvarchar(50)	<input checked="" type="checkbox"/>
request_citizenId	int	<input checked="" type="checkbox"/>
request_Date	datetime	<input checked="" type="checkbox"/>
request_isDeleted	bit	<input checked="" type="checkbox"/>
request_isFinshed	bit	<input checked="" type="checkbox"/>

Reservation

Column Name	Data Type	Allow Nulls
reservation_id	int	<input type="checkbox"/>
reservation_date	date	<input checked="" type="checkbox"/>
reservation_office_id	int	<input type="checkbox"/>
reservation_citizen_id	int	<input checked="" type="checkbox"/>
reservation_isDeleted	bit	<input checked="" type="checkbox"/>
service_id	int	<input checked="" type="checkbox"/>
TransactionDate	date	<input checked="" type="checkbox"/>



ReservationScheduleM-M

	Column Name	Data Type	Allow Nulls
Y	reservationSchedule_id	int	<input type="checkbox"/>
	reservationSchedule_reservation	int	<input checked="" type="checkbox"/>
	reservationSchedule_schedule	int	<input checked="" type="checkbox"/>

Responds

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	ComplainsId	int	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	RespondText	nvarchar(MAX)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>

RSRIPersonalRegistry

	Column Name	Data Type	Allow Nulls
Y	RSRI_personal_registry_id	int	<input type="checkbox"/>
	RSRI_personal_registry_report_id	int	<input checked="" type="checkbox"/>

RSRISpecificRegistry

	Column Name	Data Type	Allow Nulls
Y	RSRI_specific_registry_id	int	<input type="checkbox"/>
	RSRI_specific_registry_reports_id	int	<input checked="" type="checkbox"/>

ScheduleHealthCare

	Column Name	Data Type	Allow Nulls
Y	schedule_id	int	<input type="checkbox"/>
	checkup_date	date	<input checked="" type="checkbox"/>
	checkup_start	time(7)	<input checked="" type="checkbox"/>
	checkup_end	time(7)	<input checked="" type="checkbox"/>
	checkup_number	int	<input checked="" type="checkbox"/>
	schedule_isDeleted	bit	<input checked="" type="checkbox"/>



ScheduleVaccinations

	Column Name	Data Type	Allow Nulls
Y	schedule_id	int	<input type="checkbox"/>
	checkup_date	date	<input checked="" type="checkbox"/>
	checkup_start	time(7)	<input checked="" type="checkbox"/>
	checkup_end	time(7)	<input checked="" type="checkbox"/>
	checkup_number	int	<input checked="" type="checkbox"/>
	schedule_isDeleted	bit	<input checked="" type="checkbox"/>

ScheduleVaccM-M

	Column Name	Data Type	Allow Nulls
Y	scheduleVacc_id	int	<input type="checkbox"/>
	scheduleVacc_vaccType_id	int	<input checked="" type="checkbox"/>
	scheduleVacc_schedule_id	int	<input checked="" type="checkbox"/>

ScheduleVaccReservationM-M

	Column Name	Data Type	Allow Nulls
Y	ScheduleVaccReservation_id	int	<input type="checkbox"/>
	ScheduleVaccReservation_schedule_id	int	<input type="checkbox"/>
	ScheduleVaccReservation_reservationVacc_id	int	<input checked="" type="checkbox"/>

School

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	SchoolName	nvarchar(50)	<input checked="" type="checkbox"/>
	DistrictId	int	<input type="checkbox"/>
	KindOfSchoolId	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	SchoolNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	DirectorateId	int	<input checked="" type="checkbox"/>



SchoolCertificateM_M

	Column Name	Data Type	Allow Nulls
💡	Id	int	<input type="checkbox"/>
	Schoold	int	<input checked="" type="checkbox"/>
	CertificateId	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	UserName	nvarchar(50)	<input checked="" type="checkbox"/>

SchoolPhasesM_M

	Column Name	Data Type	Allow Nulls
💡	Id	int	<input type="checkbox"/>
	PhaseId	int	<input checked="" type="checkbox"/>
	Schoold	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>

services

	Column Name	Data Type	Allow Nulls
💡	service_id	int	<input type="checkbox"/>
	service_name	nvarchar(50)	<input checked="" type="checkbox"/>
	service_time	int	<input checked="" type="checkbox"/>
	goverenemnt_id	int	<input checked="" type="checkbox"/>
	service_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	service_price	money	<input checked="" type="checkbox"/>
	service_isDeleted	bit	<input checked="" type="checkbox"/>

Social_Status

	Column Name	Data Type	Allow Nulls
💡	social_status_id	int	<input type="checkbox"/>
	socialStatus_citizenId_Husband	int	<input type="checkbox"/>
	socialStatus_citizenId_Wife	int	<input type="checkbox"/>
	socialStatus_TypeId	int	<input type="checkbox"/>
	social_status_from	date	<input type="checkbox"/>
	social_status_to	date	<input checked="" type="checkbox"/>
	social_status_isStill	bit	<input checked="" type="checkbox"/>
	social status isDeleted	bit	<input checked="" type="checkbox"/>



Social_Status_Type

	Column Name	Data Type	Allow Nulls
Y	social_status_type_id	int	<input type="checkbox"/>
	social_status_type_name	varchar(50)	<input type="checkbox"/>
	social_status_type_description	text	<input checked="" type="checkbox"/>
	social_status_type_isDeleted	bit	<input checked="" type="checkbox"/>
	social_status_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>
	social status type description arabic	text	<input checked="" type="checkbox"/>

SpecializationOfFaculty

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	SpecializationName	nvarchar(50)	<input checked="" type="checkbox"/>
	SpecializationNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	FacultyId	int	<input checked="" type="checkbox"/>

State

	Column Name	Data Type	Allow Nulls
Y	state_id	int	<input type="checkbox"/>
	state_name	nvarchar(50)	<input checked="" type="checkbox"/>
	state_isDeleted	bit	<input checked="" type="checkbox"/>
	state_code	nvarchar(2)	<input type="checkbox"/>
	state_arabic_name	nvarchar(50)	<input checked="" type="checkbox"/>

Student

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CitizenId	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	SpecializationFacultyId	int	<input checked="" type="checkbox"/>
	Schoold	int	<input checked="" type="checkbox"/>
	UniversityId	int	<input checked="" type="checkbox"/>
	IsGraduatedP	bit	<input checked="" type="checkbox"/>
	IsGraduatedS	bit	<input checked="" type="checkbox"/>
	IsGraduatedI	bit	<input checked="" type="checkbox"/>
	IsGraduatedU	bit	<input checked="" type="checkbox"/>
	SchoolSection	nvarchar(50)	<input checked="" type="checkbox"/>
	Facultyl	int	<input checked="" type="checkbox"/>



Transaction

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	CitizenId	int	<input checked="" type="checkbox"/>
	Date	datetime	<input checked="" type="checkbox"/>

TypeRequests

	Column Name	Data Type	Allow Nulls
Y	typeReaquest_id	int	<input type="checkbox"/>
	typeReaquest_name	nvarchar(50)	<input type="checkbox"/>
	typeReaquest_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

Universities

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	UniversityName	nvarchar(50)	<input checked="" type="checkbox"/>
	UniversityTypeld	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	UniversityNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>
	DistrictId	int	<input checked="" type="checkbox"/>
	UniversityLogo	nvarchar(100)	<input checked="" type="checkbox"/>

UniversityTypes

	Column Name	Data Type	Allow Nulls
Y	Id	int	<input type="checkbox"/>
	UniversityTypeName	nvarchar(50)	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	UniversityTypeNameArabic	nvarchar(50)	<input checked="" type="checkbox"/>



User

	Column Name	Data Type	Allow Nulls
1	user_id	int	<input type="checkbox"/>
	user_name	nvarchar(50)	<input type="checkbox"/>
	user_password	nvarchar(50)	<input type="checkbox"/>
	user_isDeleted	bit	<input checked="" type="checkbox"/>
	user_type_id	int	<input checked="" type="checkbox"/>
	user_citizen_id	int	<input checked="" type="checkbox"/>

User_Type

	Column Name	Data Type	Allow Nulls
1	user_type_id	int	<input type="checkbox"/>
	user_type_name	nvarchar(50)	<input checked="" type="checkbox"/>
	user_type_isDeleted	bit	<input checked="" type="checkbox"/>
	user_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>

VaccinationReservation

	Column Name	Data Type	Allow Nulls
1	VaccReservation_id	int	<input type="checkbox"/>
	VaccReservation_HealthCare_id	int	<input checked="" type="checkbox"/>
	VaccReservation_Citizen_id	int	<input checked="" type="checkbox"/>
	VaccReservation_child_id	int	<input checked="" type="checkbox"/>
	VaccReservation_date	date	<input checked="" type="checkbox"/>
	VaccReservation_checked	bit	<input checked="" type="checkbox"/>
	VaccReservation_Code	nvarchar(50)	<input checked="" type="checkbox"/>
	VaccReservation_VaccinationType_id	int	<input checked="" type="checkbox"/>
	VaccReservation_isDeleted	bit	<input checked="" type="checkbox"/>
	VaccReservation_cancel	bit	<input checked="" type="checkbox"/>
	TransactionDate	date	<input checked="" type="checkbox"/>

VaccinationType

	Column Name	Data Type	Allow Nulls
1	vaccination_type_id	int	<input type="checkbox"/>
	vaccination_type_name	nvarchar(50)	<input checked="" type="checkbox"/>
	vaccination_type_period	int	<input checked="" type="checkbox"/>
	vaccination_isDeleted	bit	<input checked="" type="checkbox"/>
	vaccination_type_name_arabic	nvarchar(50)	<input checked="" type="checkbox"/>



VaccinationHealthCareM-M

	Column Name	Data Type	Allow Nulls
!	vaccinationhealthcare_id	int	<input type="checkbox"/>
	vaccinationhealthcare_hospital	int	<input checked="" type="checkbox"/>
	vaccinationhealthcare_vaccination	int	<input checked="" type="checkbox"/>

Violation

	Column Name	Data Type	Allow Nulls
!	Id	int	<input type="checkbox"/>
	ViolationName	nvarchar(50)	<input checked="" type="checkbox"/>
	ViolationPrice	money	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	ViolationNameArabic	nchar(10)	<input checked="" type="checkbox"/>

Violation_CarLicenceM_M

	Column Name	Data Type	Allow Nulls
!	Id	int	<input type="checkbox"/>
	CarLicenceld	int	<input checked="" type="checkbox"/>
	ViolationId	int	<input checked="" type="checkbox"/>
	Is_Deleted	bit	<input checked="" type="checkbox"/>
	Date	date	<input checked="" type="checkbox"/>
	Is_Paid	bit	<input checked="" type="checkbox"/>



4.4 sequence diagram

4.4.1 ATM Application

4.4.1.1 ministry of interior

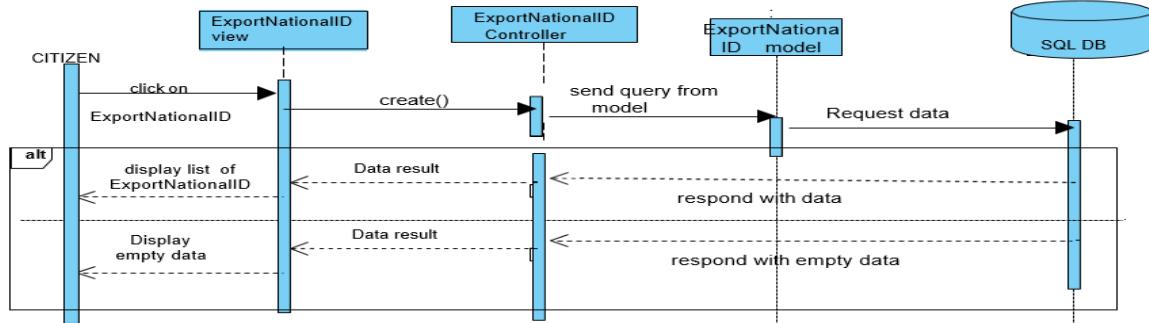


Figure 64: Export National ID

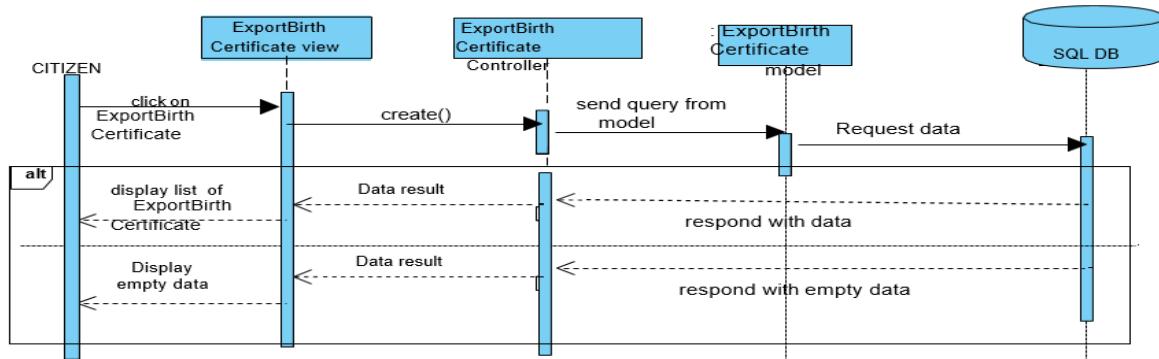


Figure 58: Export Birth certificate

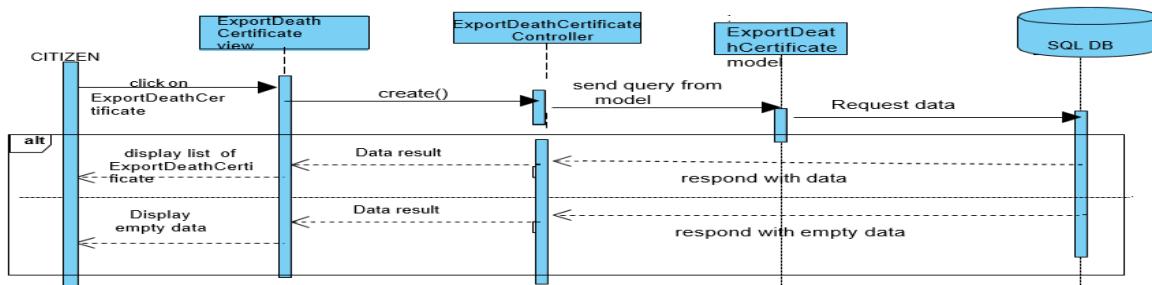


Figure 59: Export Death certificate

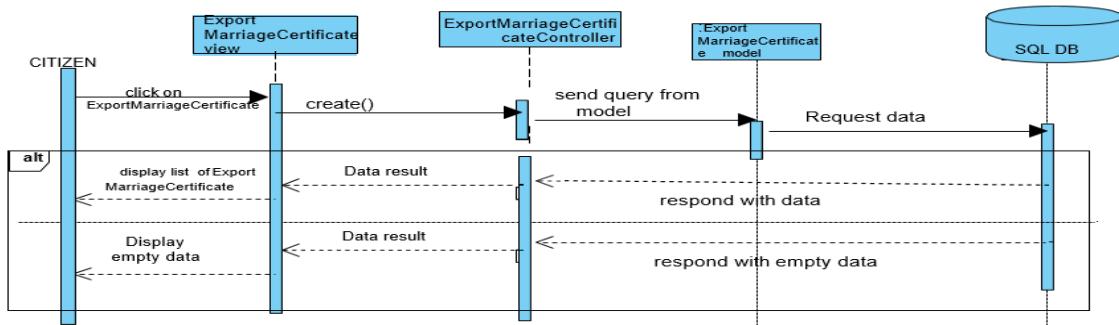


Figure 60: Export Death certificate

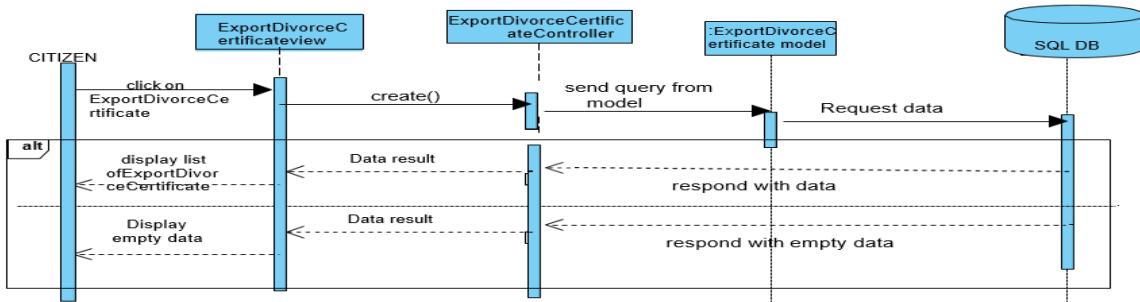


Figure 61: Export death certificate

4.4.1.2 ministryofeducation

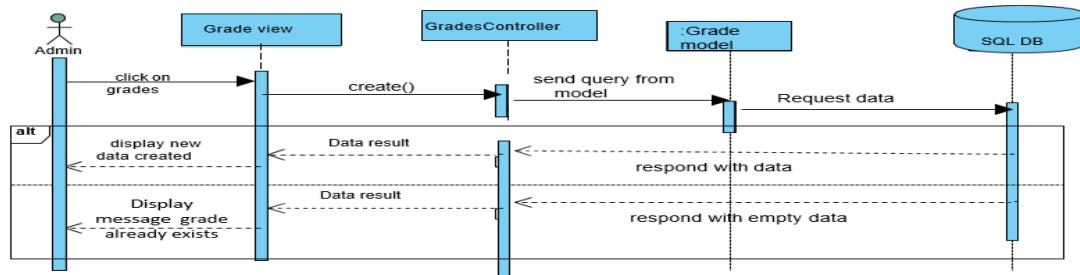


Figure 62: Add Grades

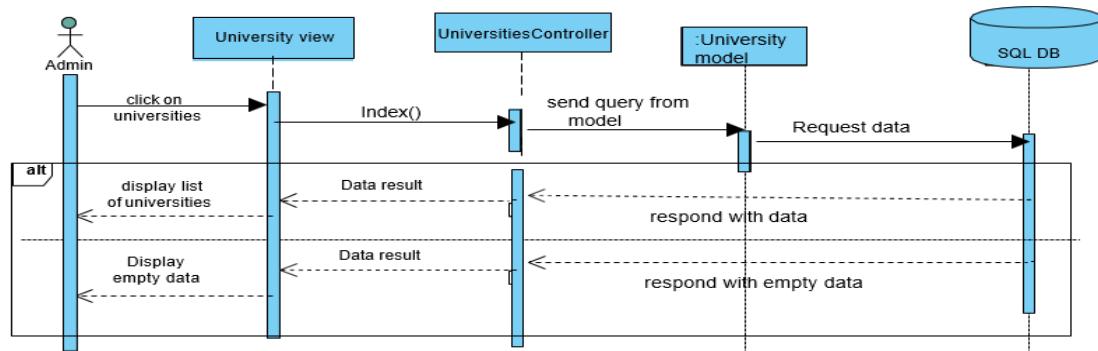


Figure 63: Show Universities

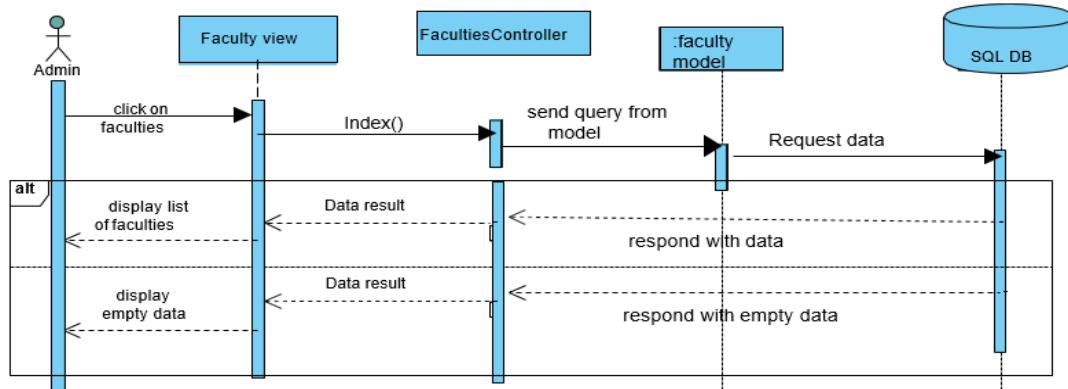


Figure 64: Show Faculties

4.4.1.3 ministry of health

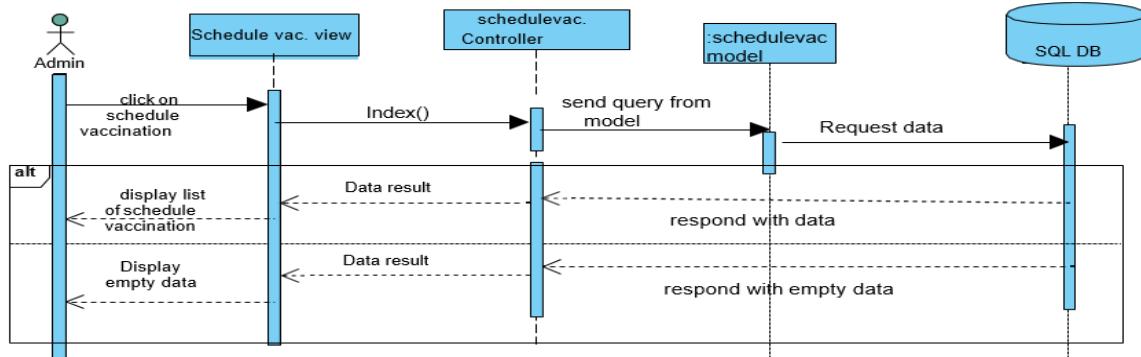


Figure 65: Show Schedule of Vaccination

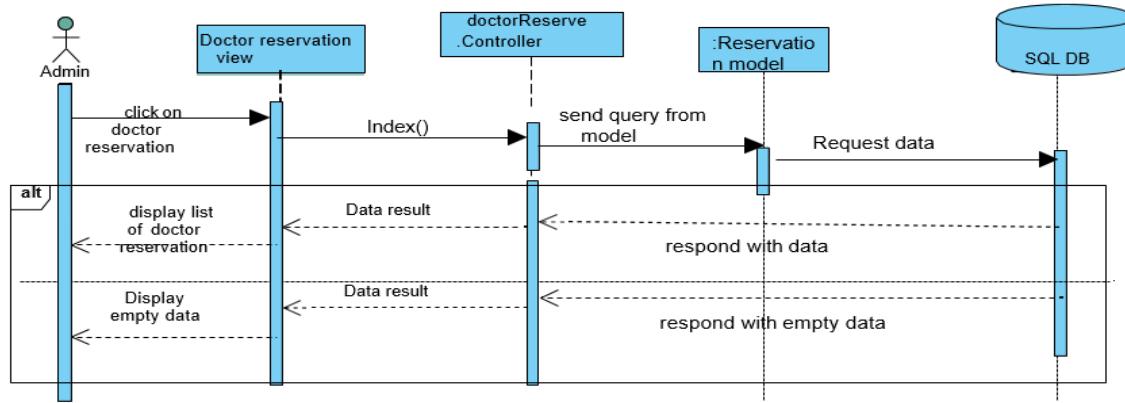


Figure 66: Show doctor reservation



4.4.2 Web Application

4.4.2.1 MINISTRY OF INTERIOR

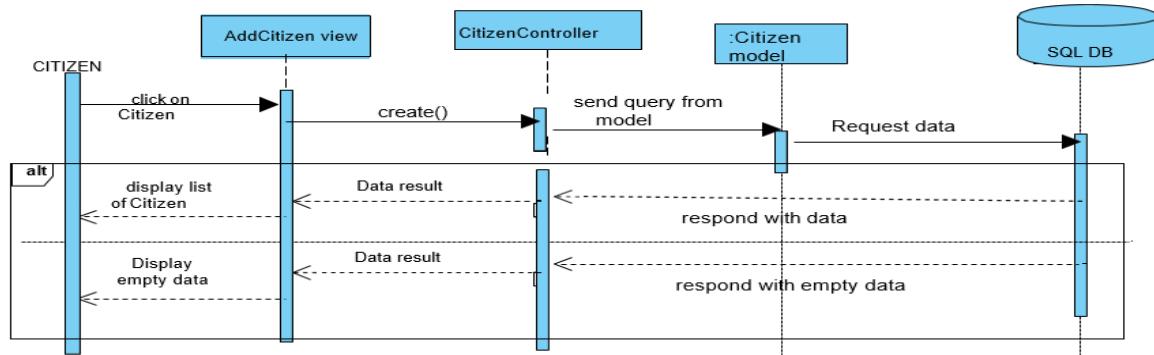


Figure 67: Add Citizen

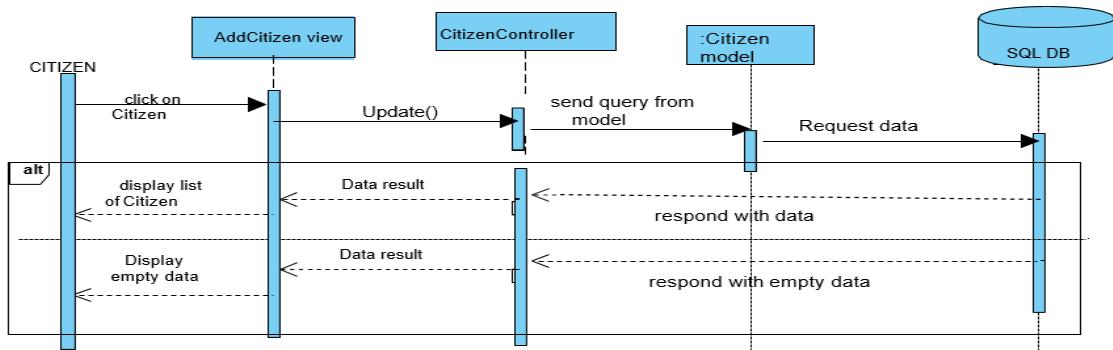


Figure 68: Update Citizen

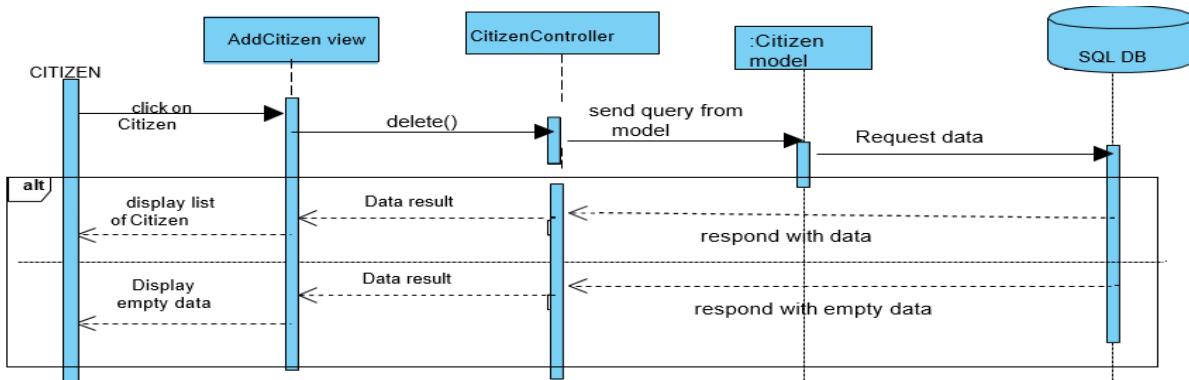


Figure 69: Delete Citizen

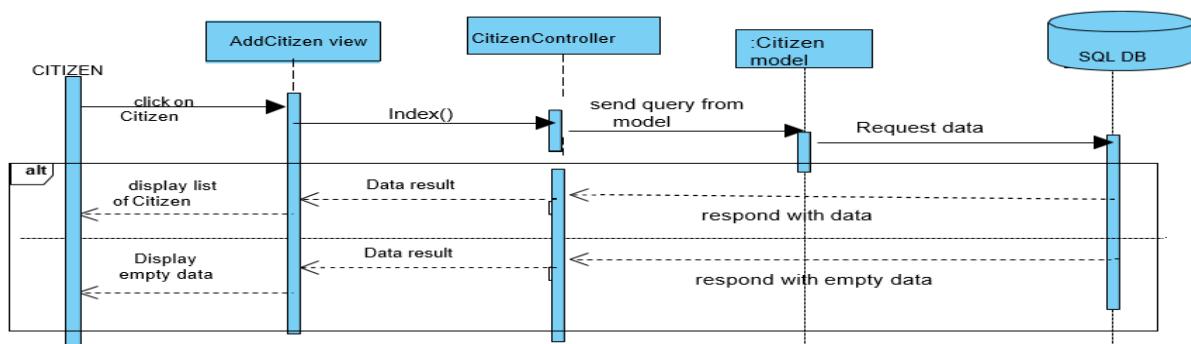


Figure 70: show Citizen

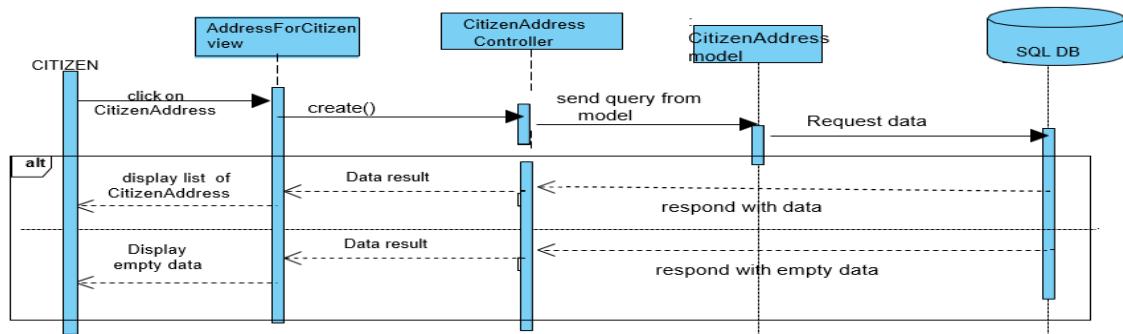


Figure 71: Add Address of Citizen

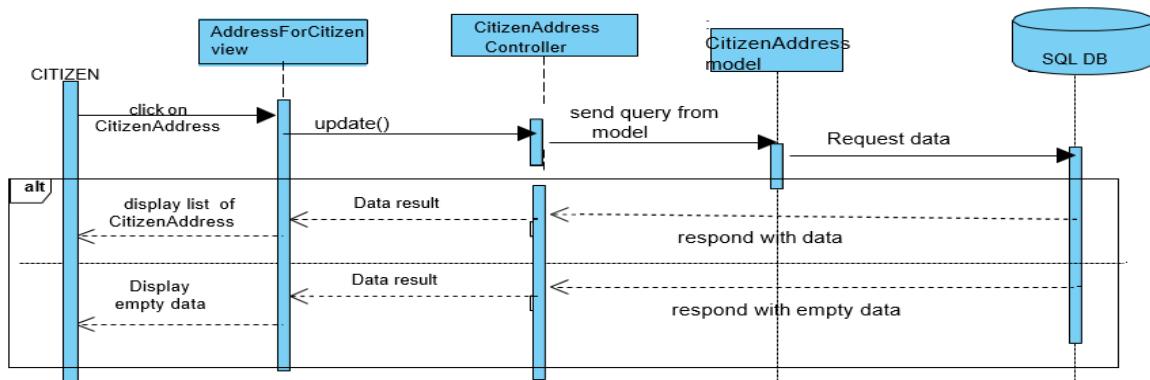


Figure 72: Update Address for citizen

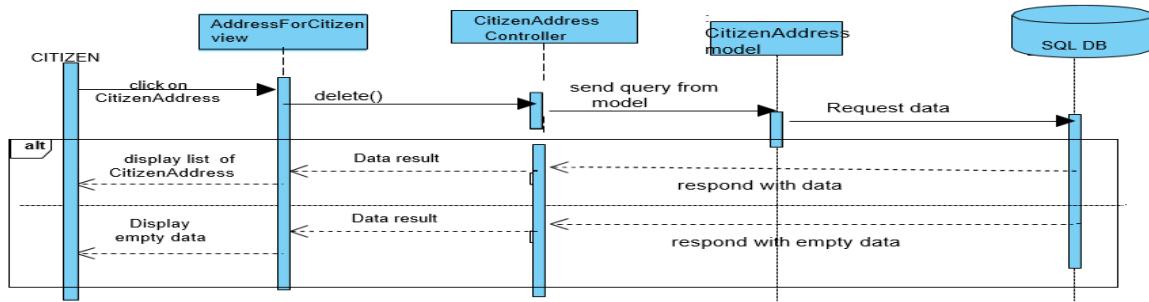


Figure 73: delete address For citizen

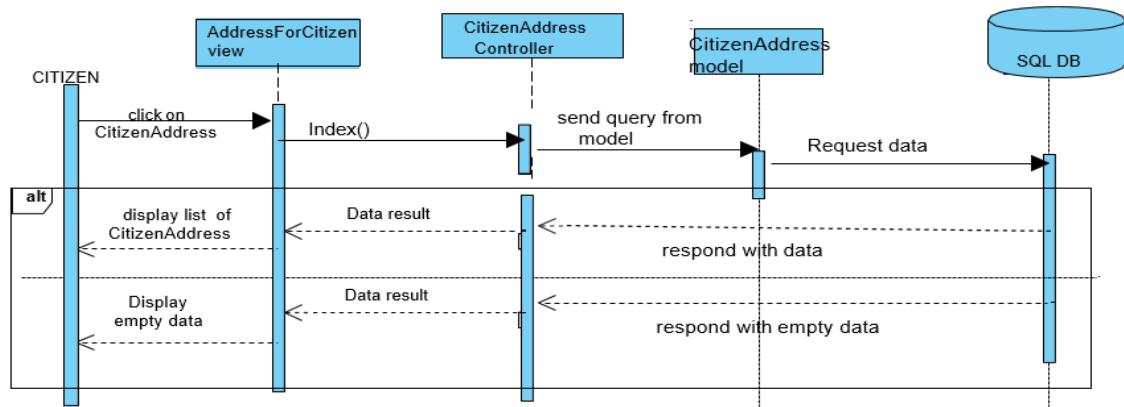


Figure 74: Show Address for citizen

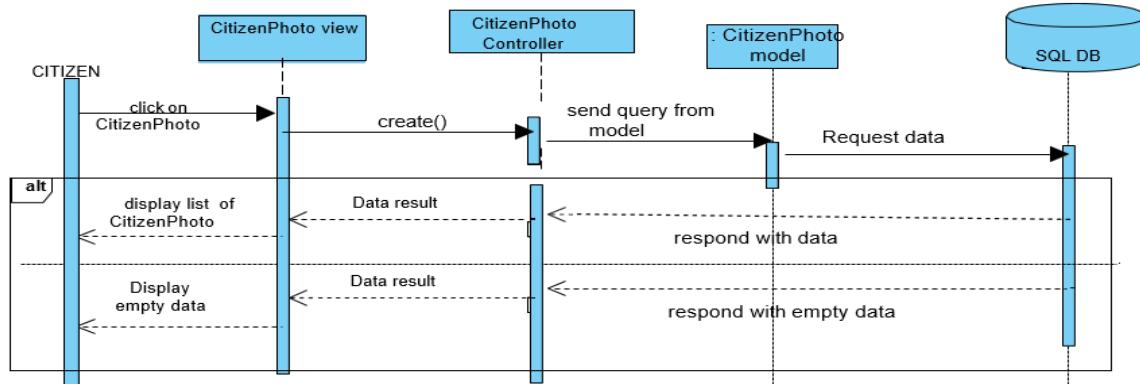


Figure 75: Create Citizen photo

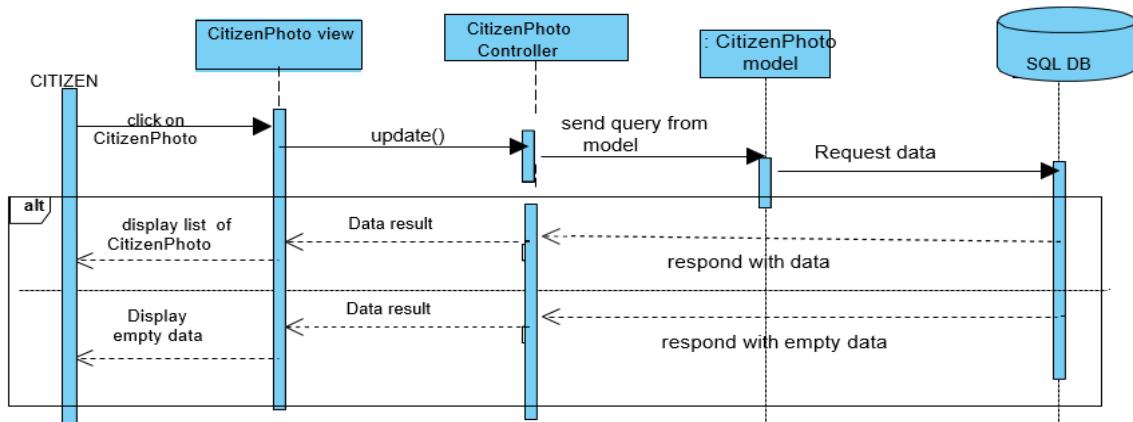


Figure 76: Update citizen photo

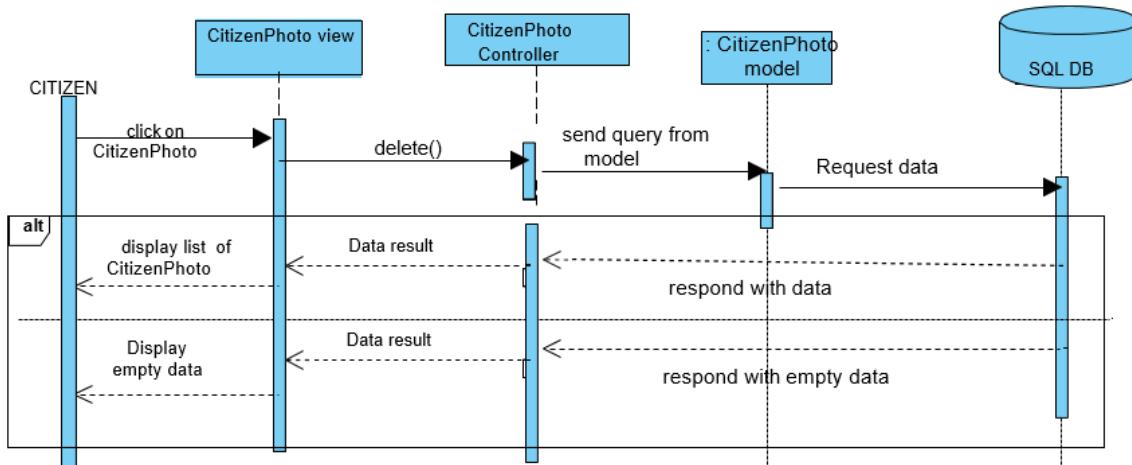


Figure 77: Delete Citizen photo

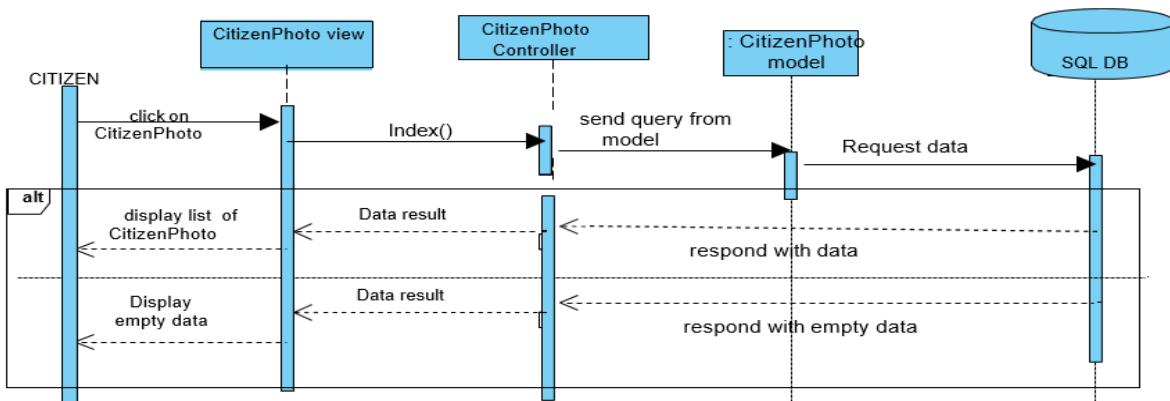


Figure 78: show citizen photo

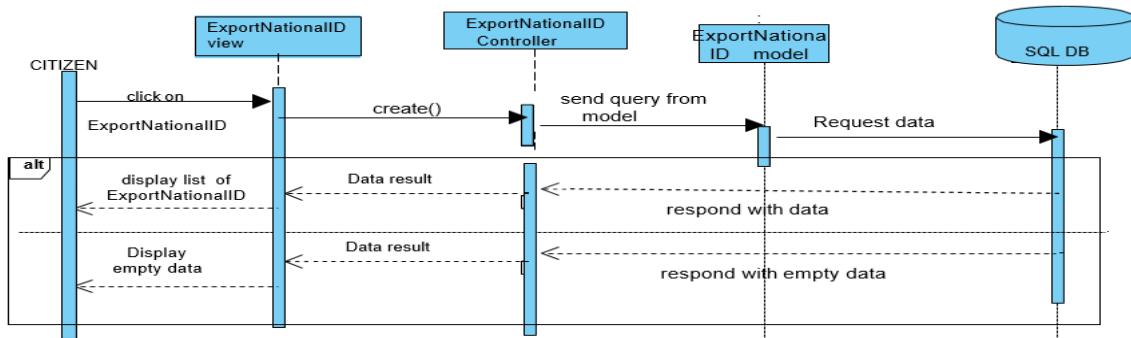


Figure 79: Export National ID

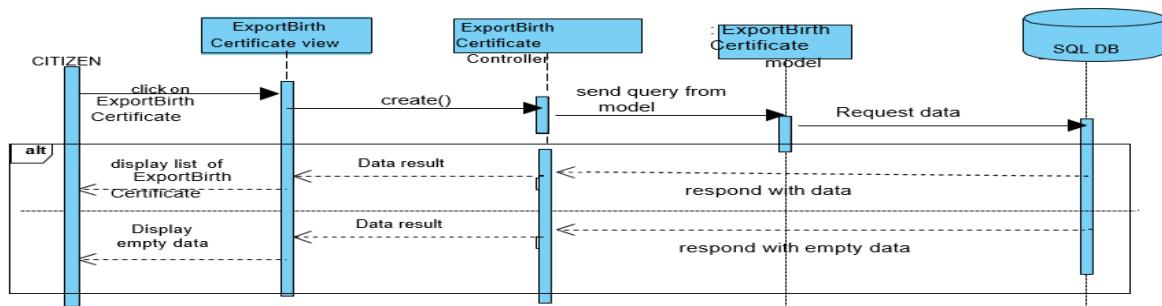


Figure 80: Export Birth certificate

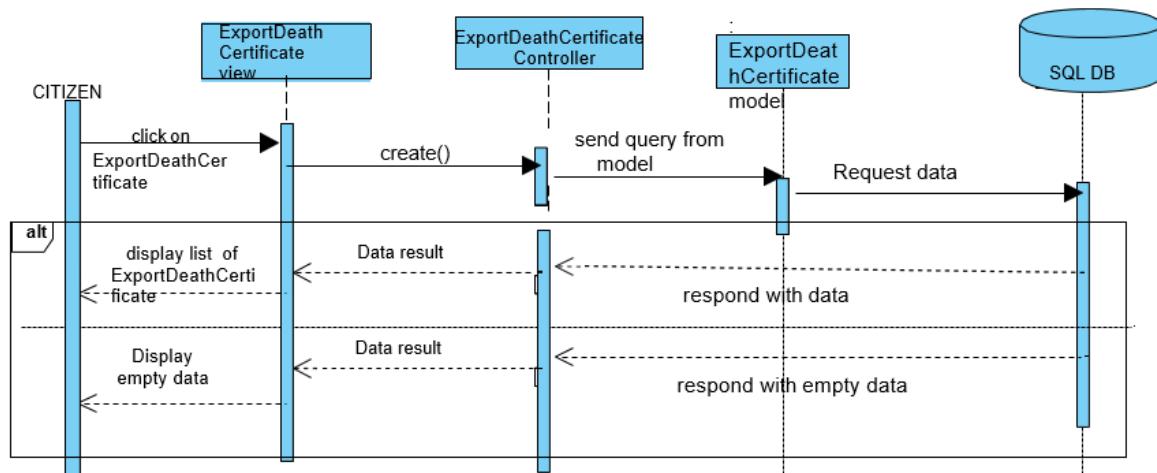


Figure 81: Export Death certificate

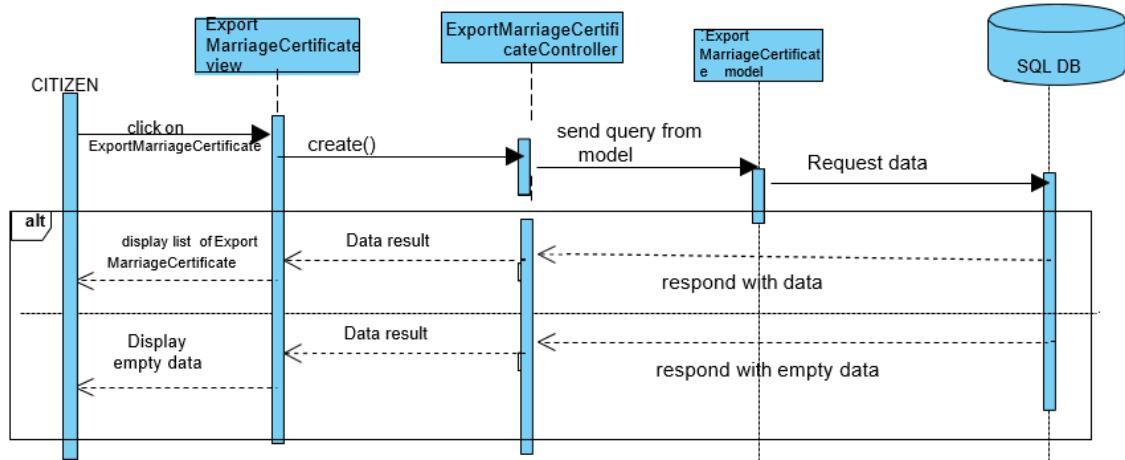


Figure 81: Export Marriage certificate

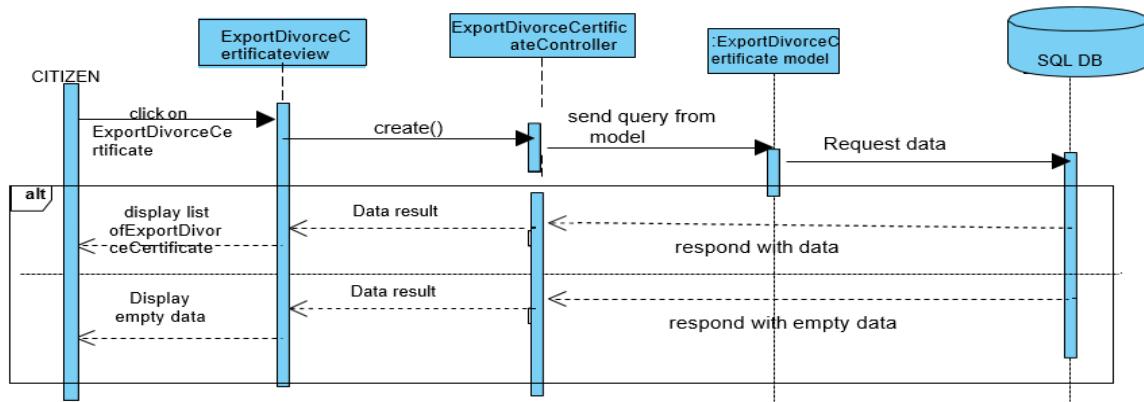


Figure 82: Export Divorce certificate

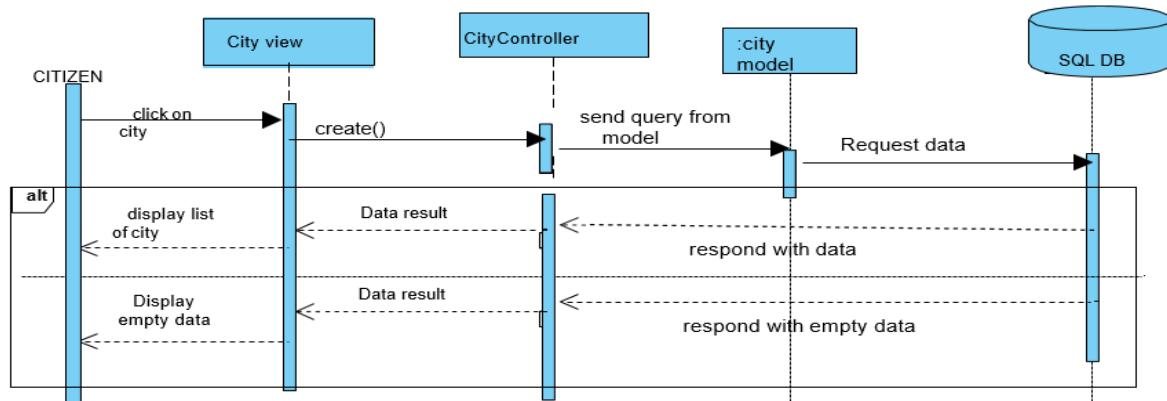


Figure 83: Add city

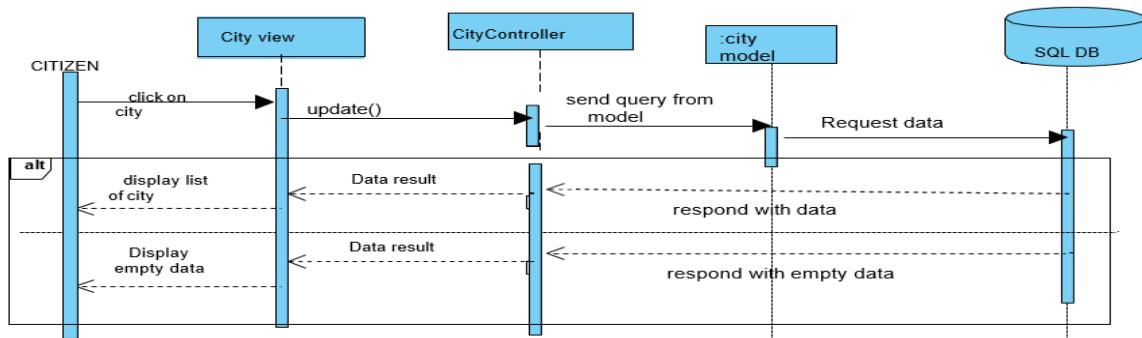


Figure 84: Update city

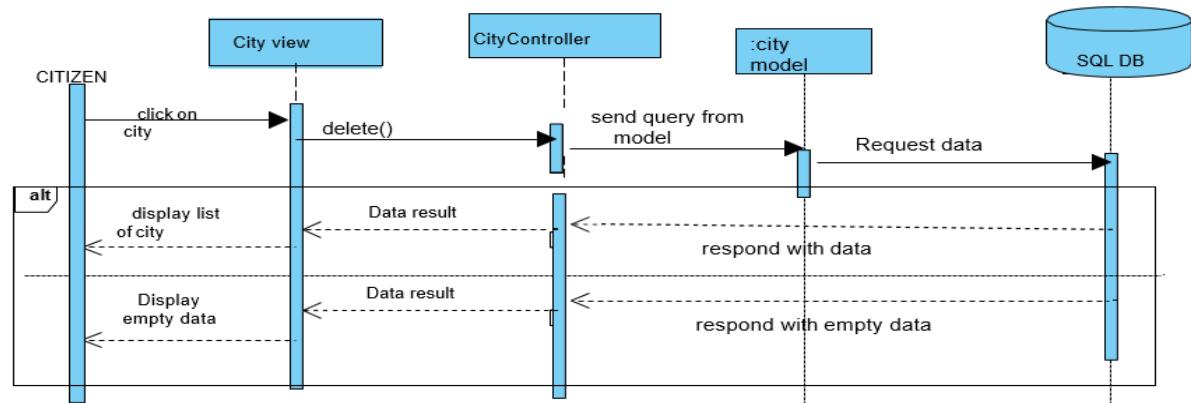


Figure 85: Delete city

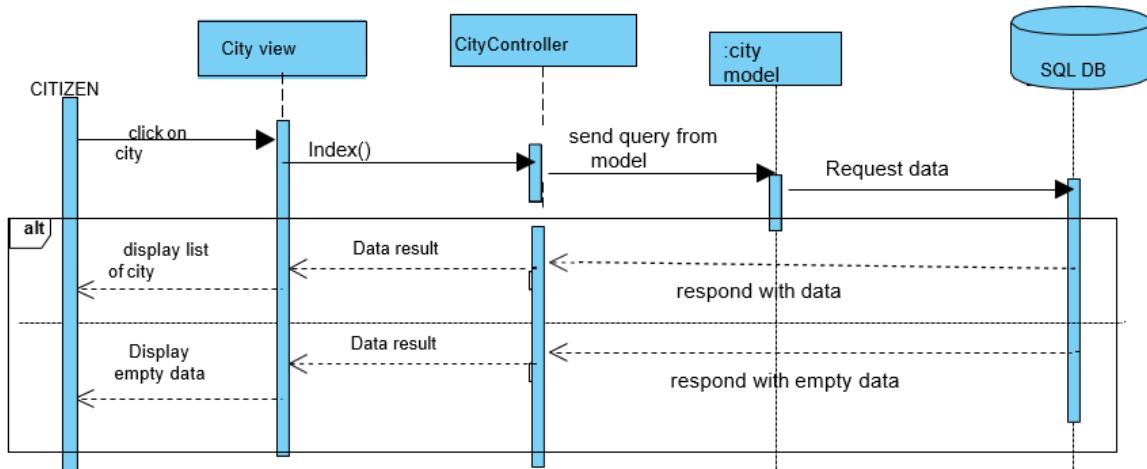


Figure 86: Show city

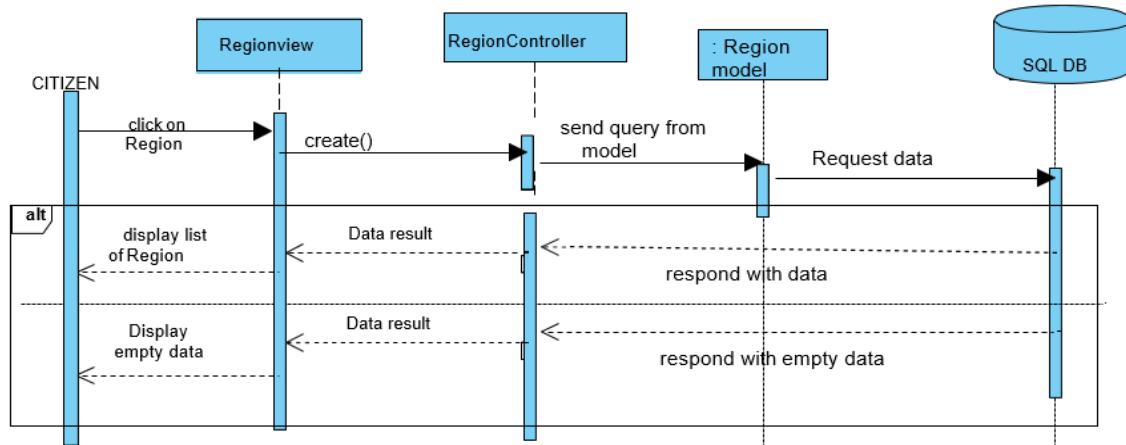


Figure 87: Add Region

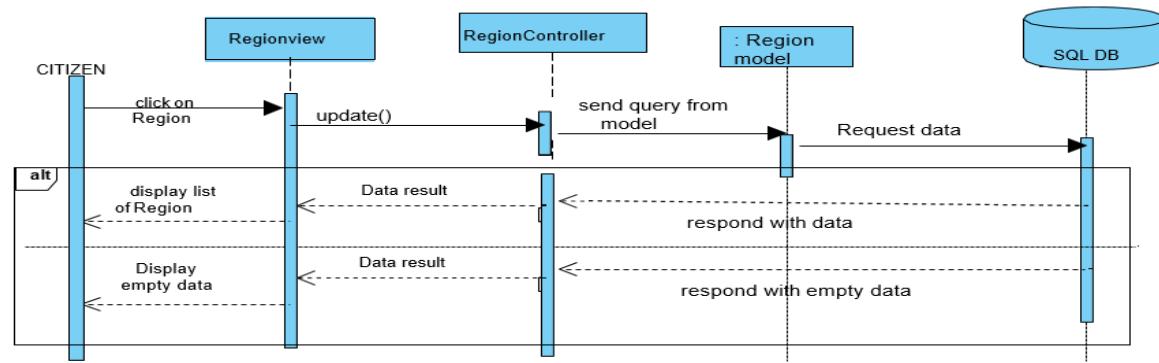


Figure 88: Update Region

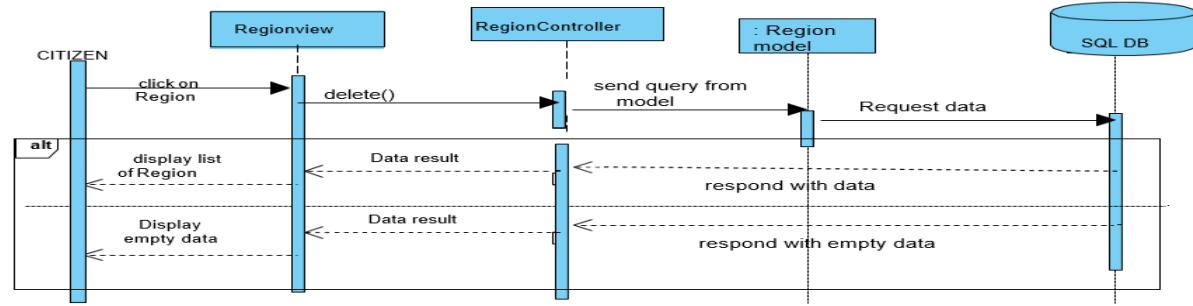


Figure 89: Delete Region

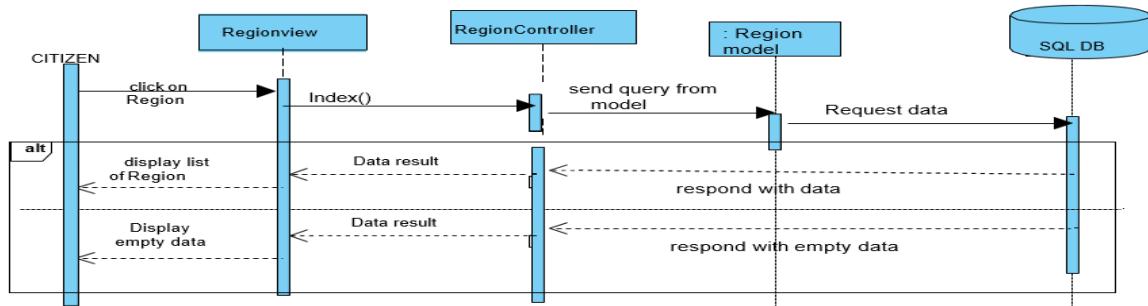


Figure 90: Show Region

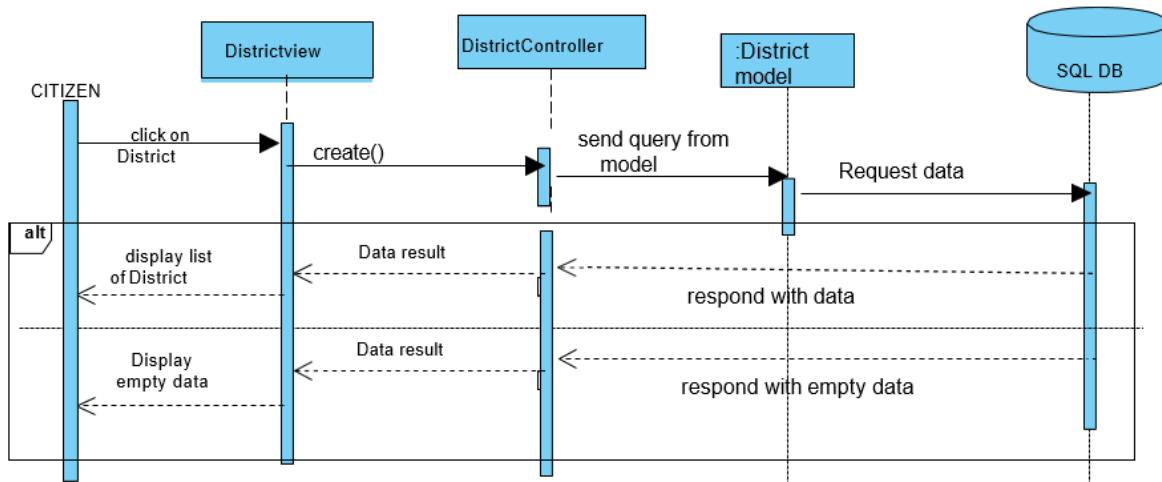


Figure 91: Add District

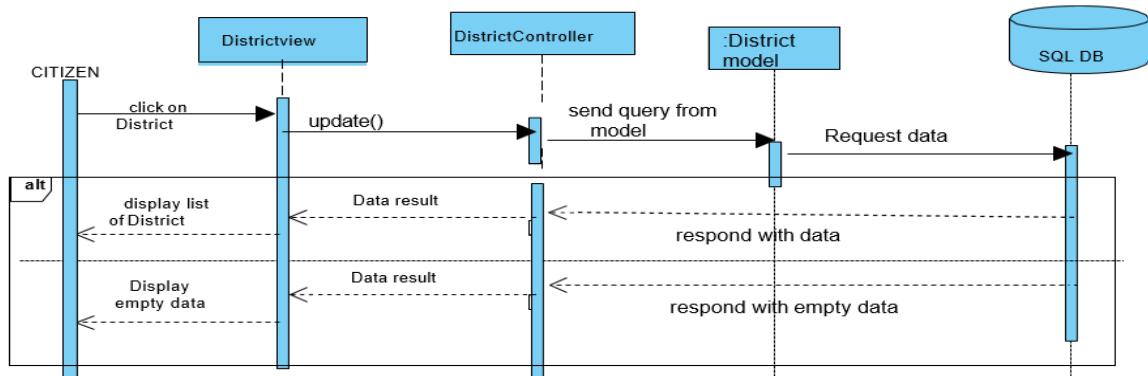


Figure 92: Update District

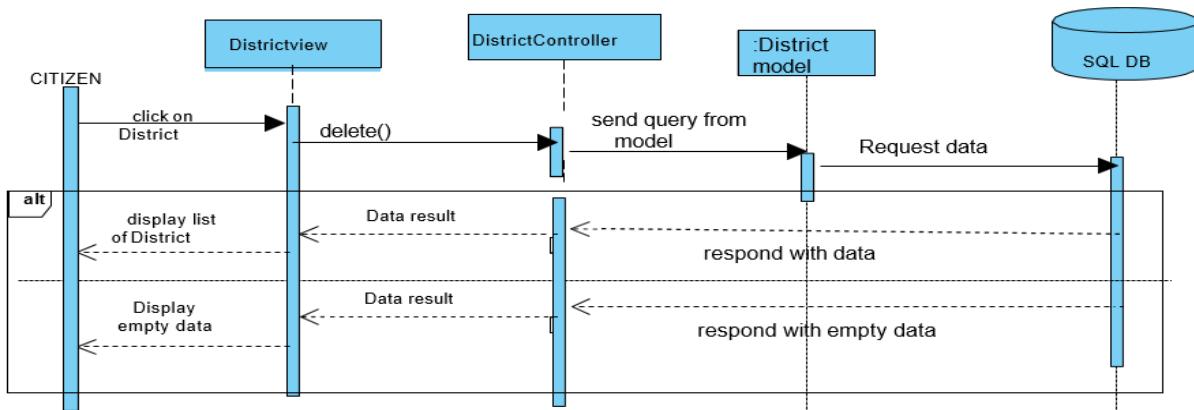


Figure 93: Delete District

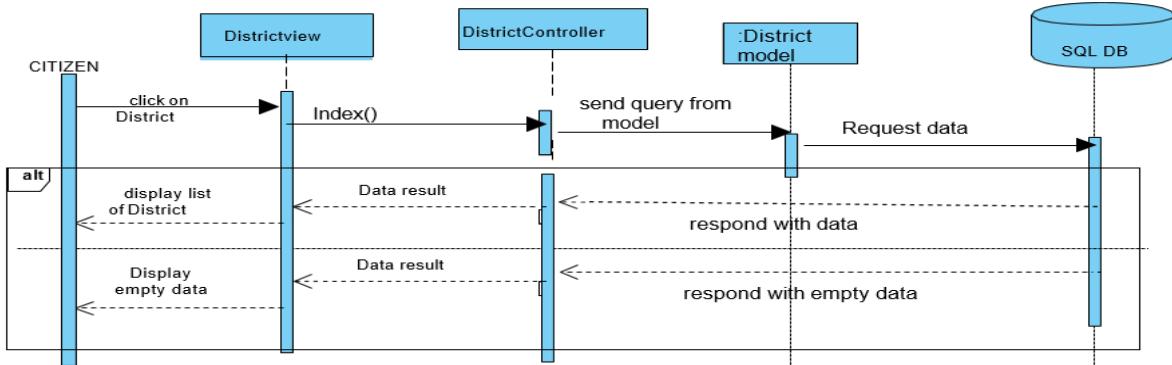


Figure 94: Show District

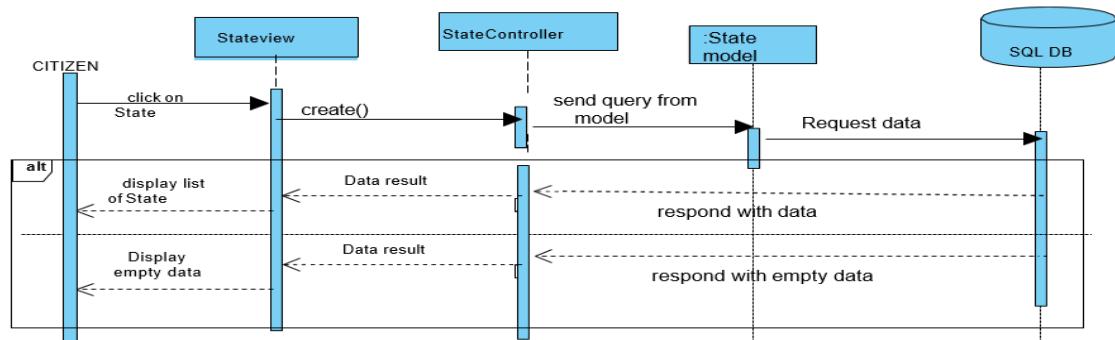


Figure 95: Update District

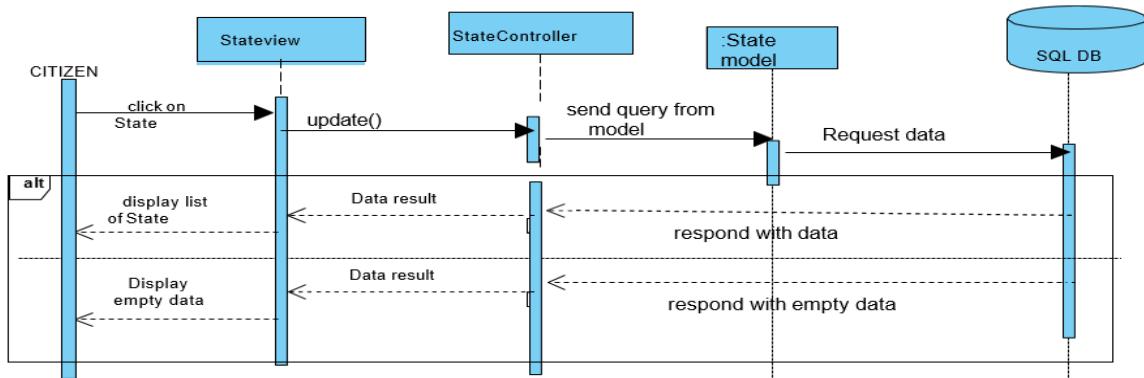


Figure 96: Update State

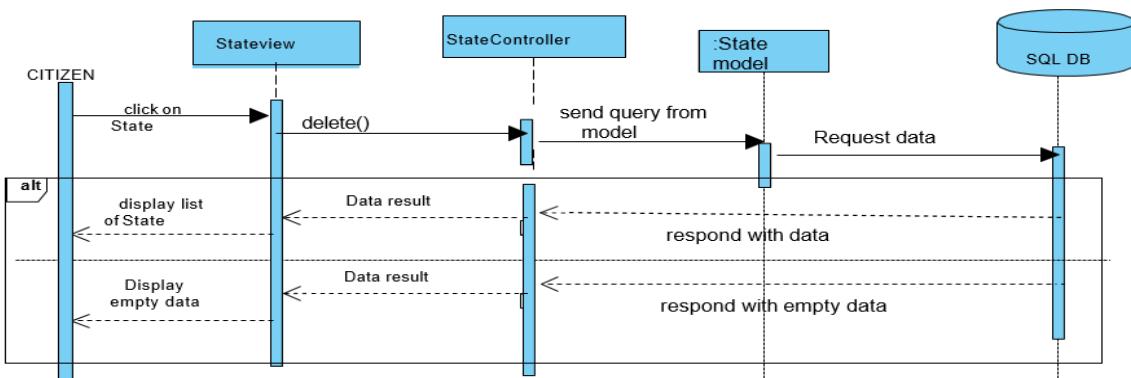


Figure 97: Delete State

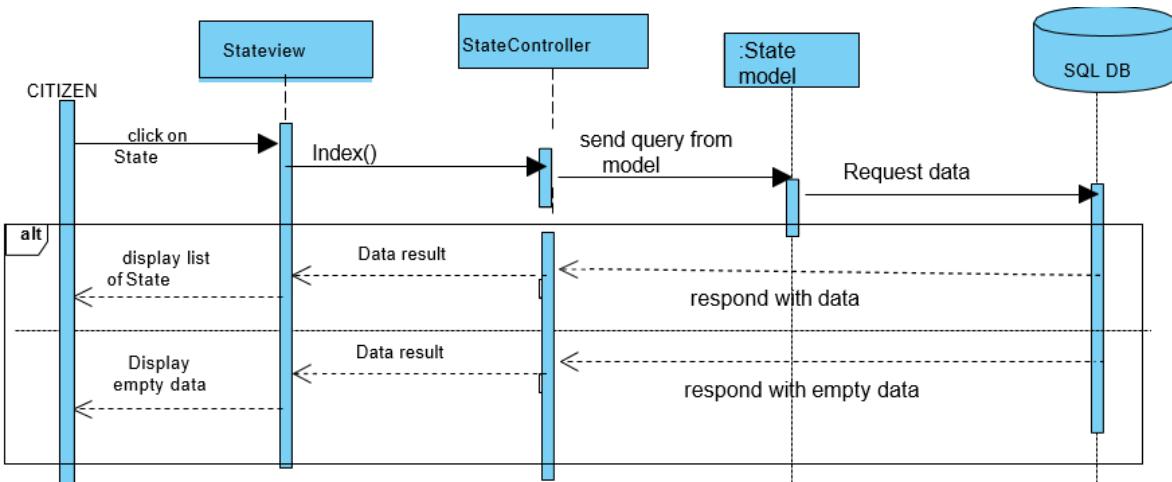


Figure 98: Show State

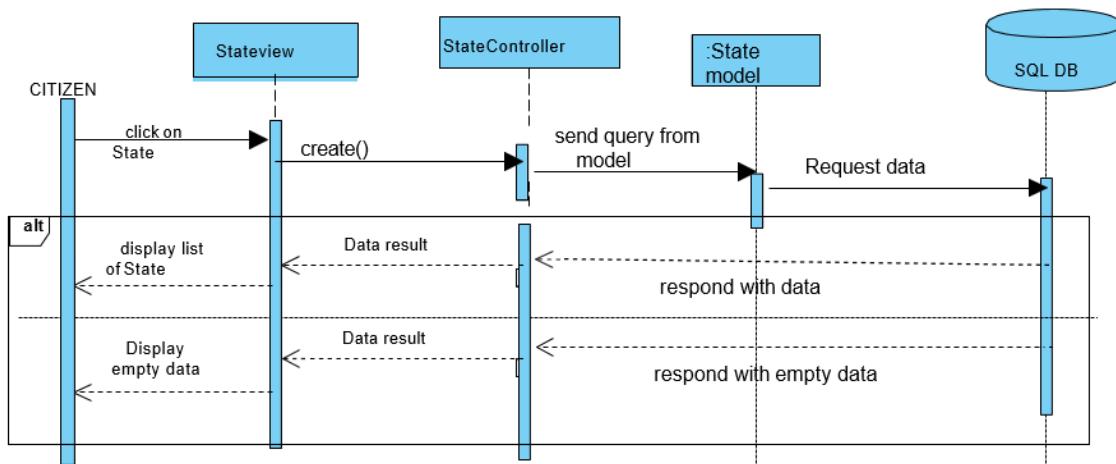


Figure 99: Add State

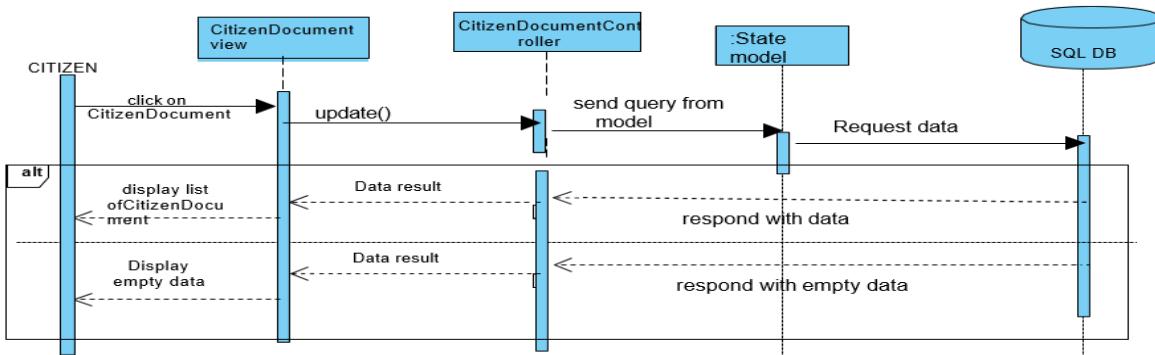


Figure 100: Update citizen document

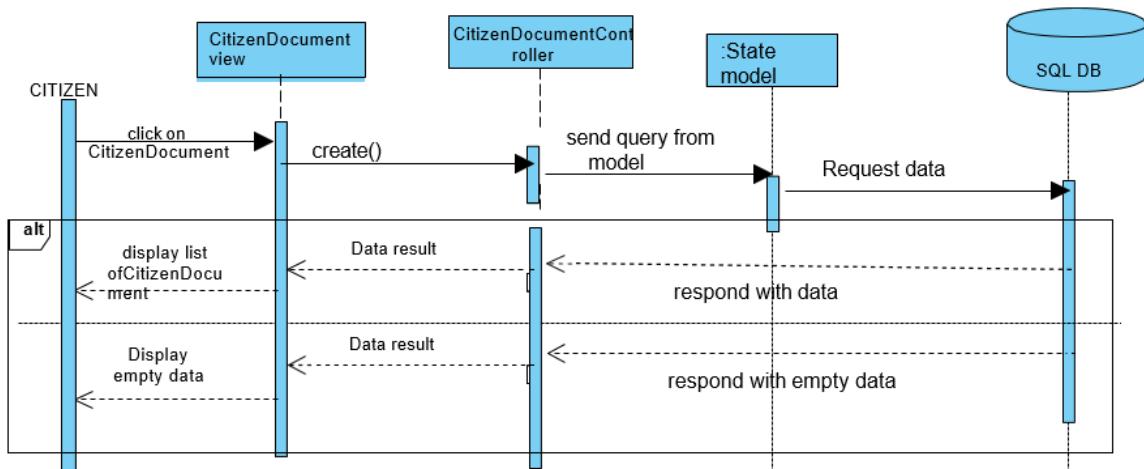


Figure 101: Create citizen document

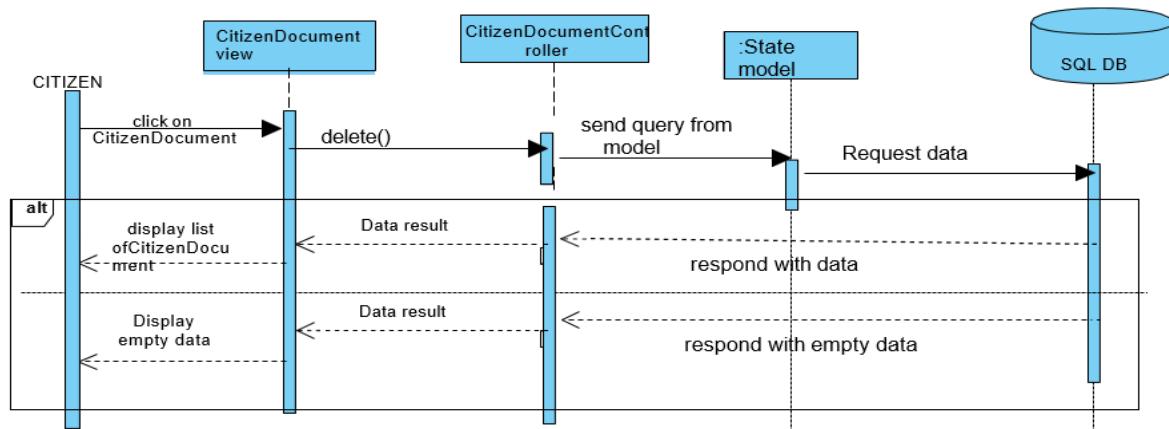


Figure 102: delete citizen document

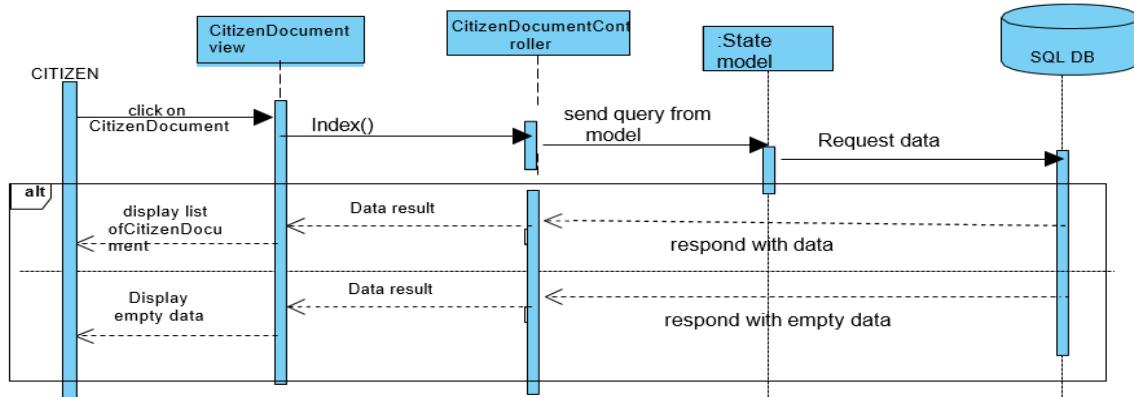


Figure 103: Show citizen document

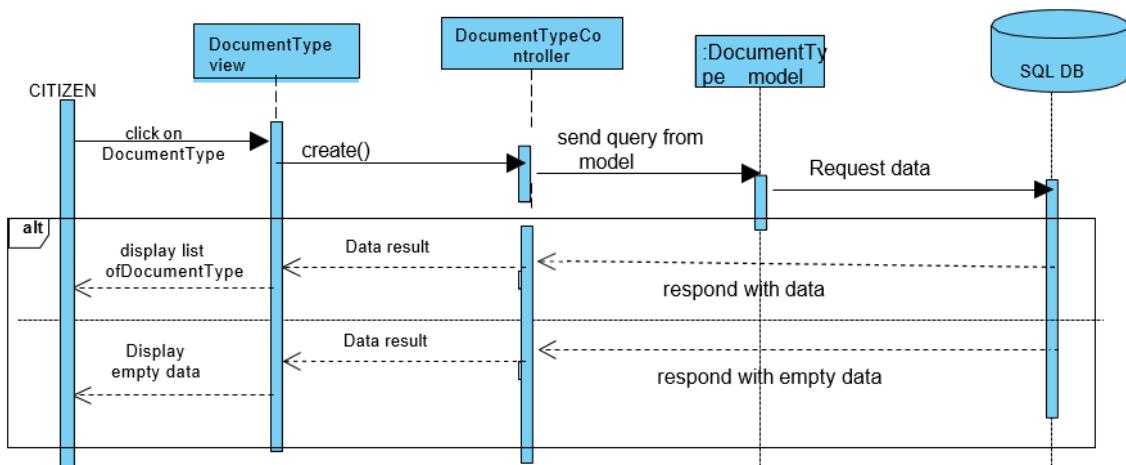


Figure 104: Create citizen document

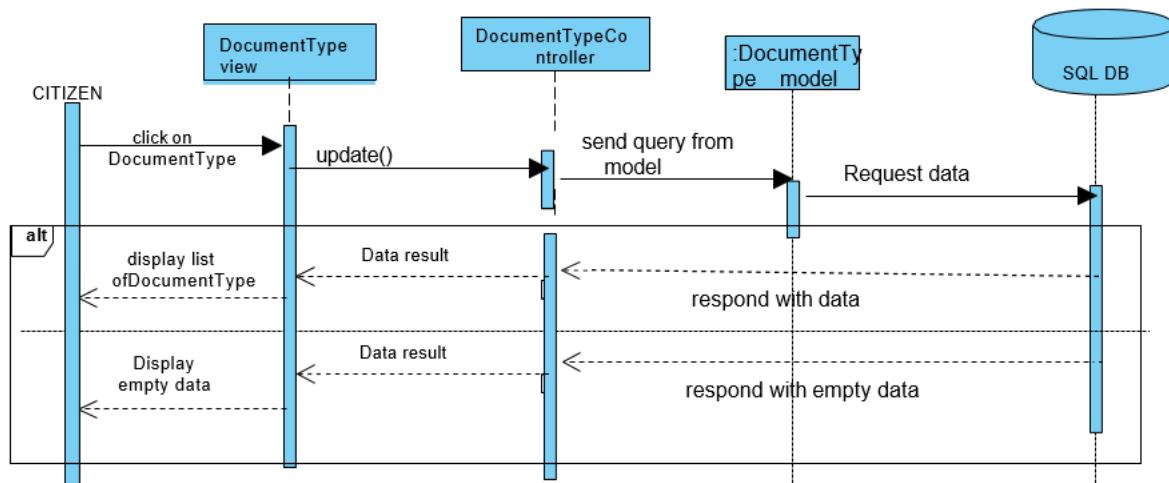


Figure 105: Update document type

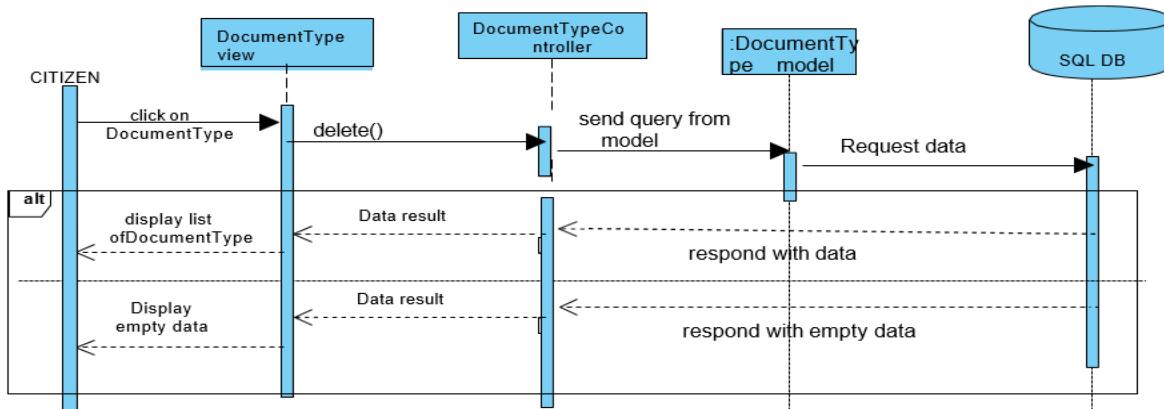


Figure 106: delete document type

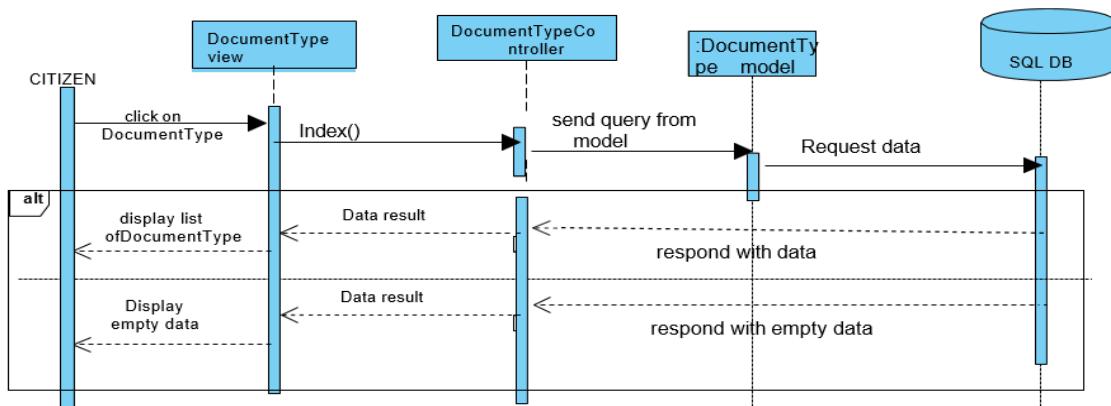


Figure 107: show document type

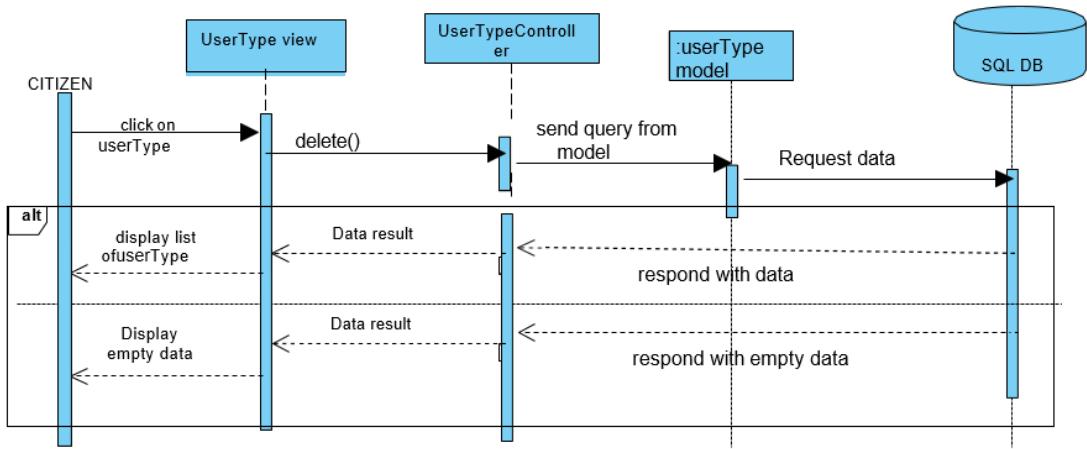


Figure 108: Delete User type

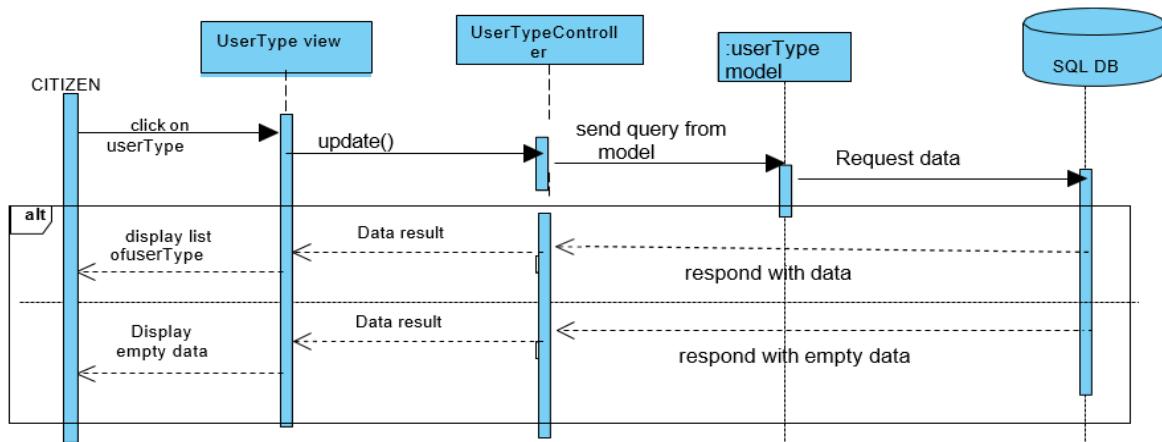


Figure 108: Update User Type

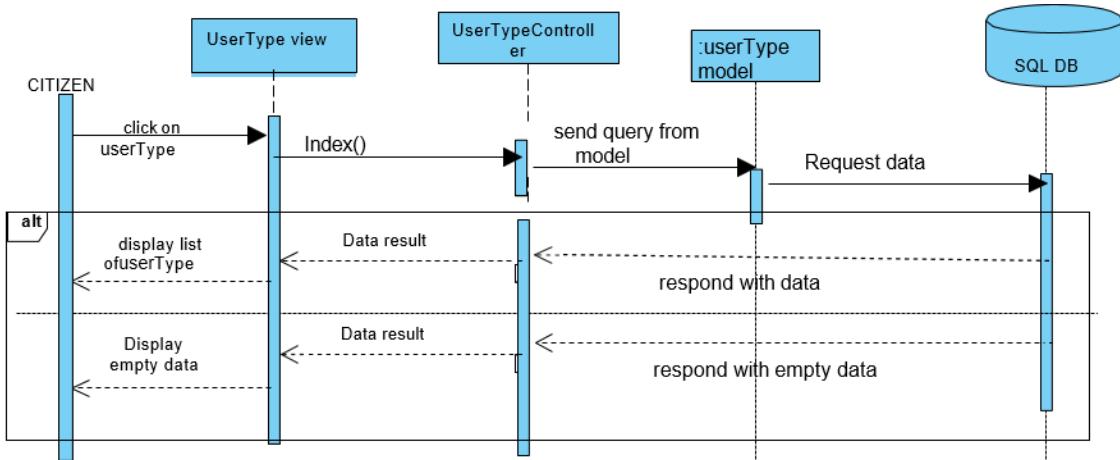


Figure 109: Show User type

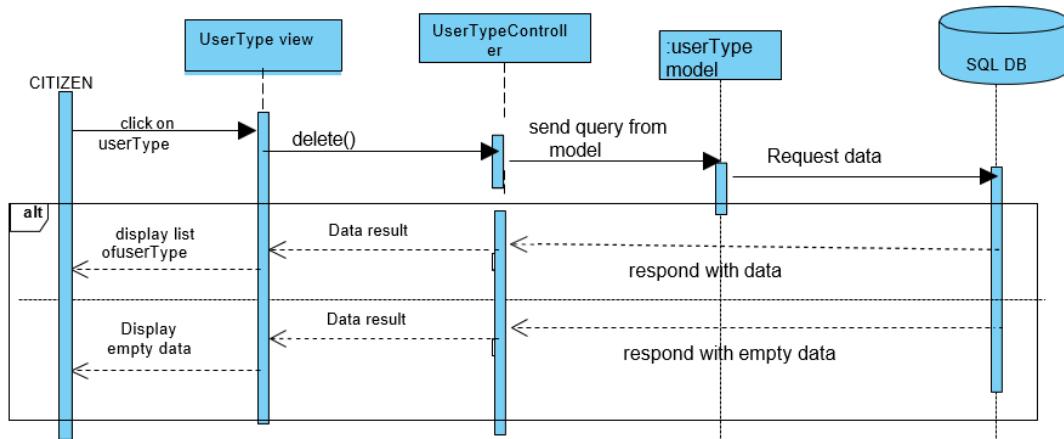


Figure 110: Delete user type

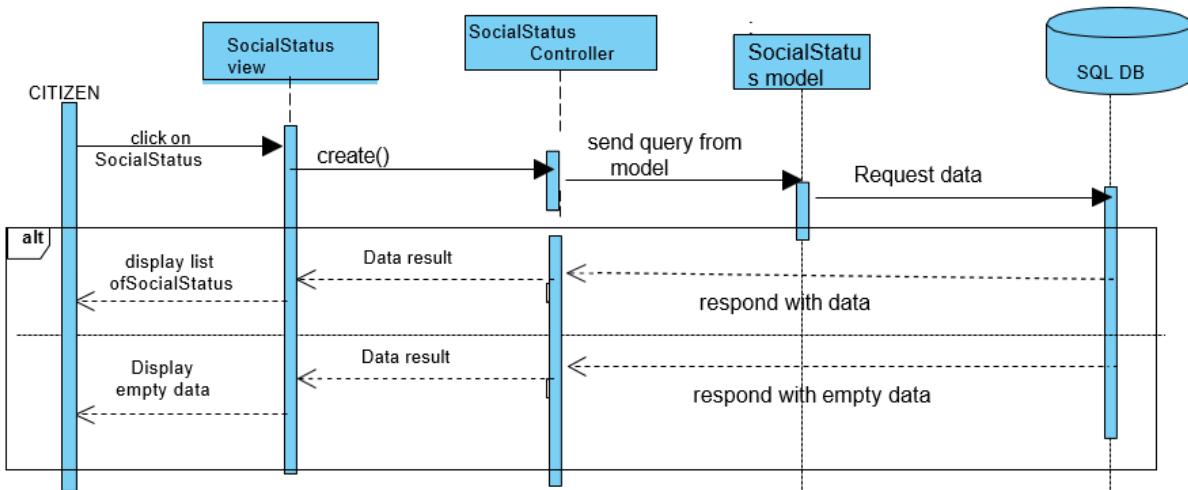


Figure 111: create social status

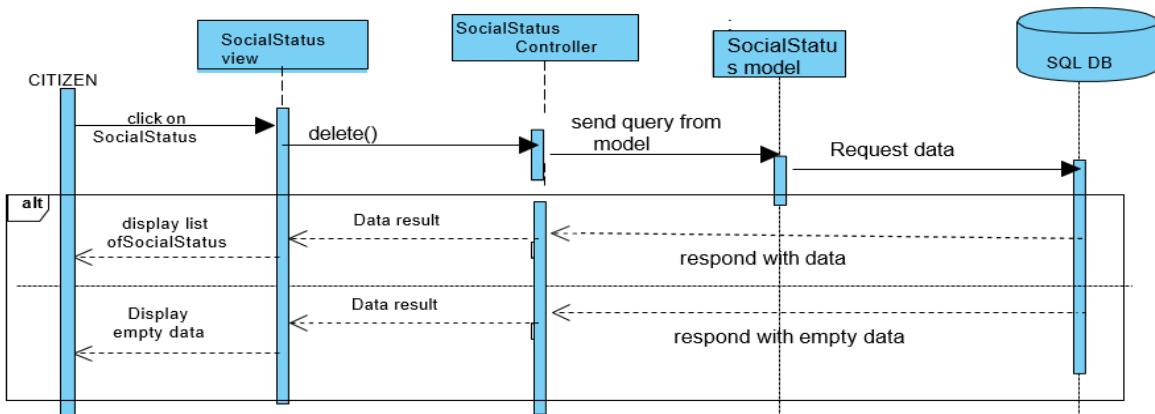


Figure 112: delete Social status

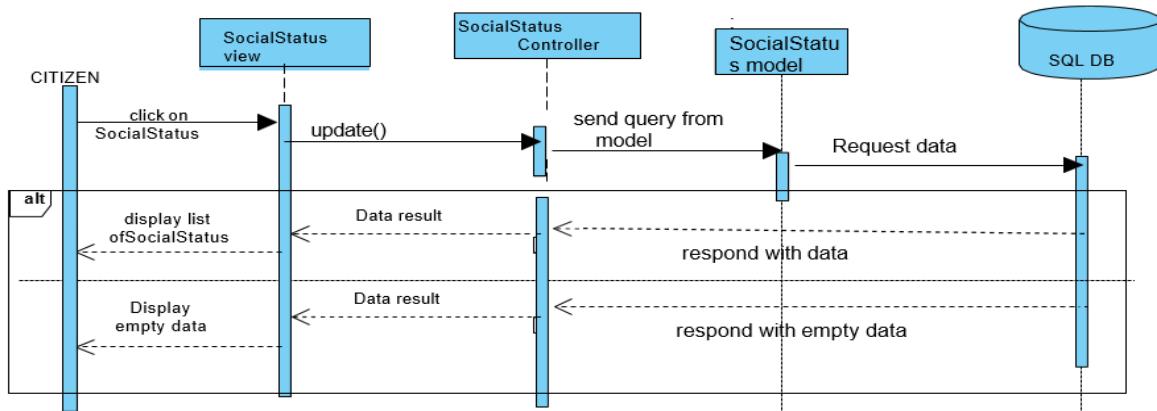


Figure 113: Update Social status

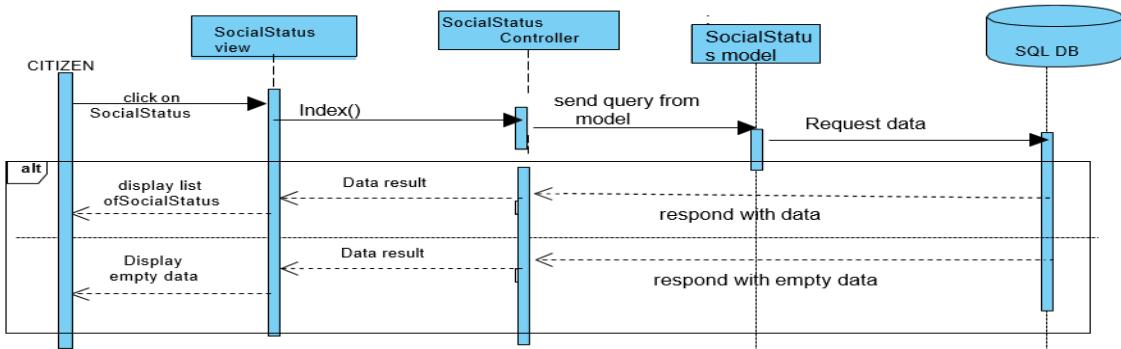


Figure 114: Show Social status

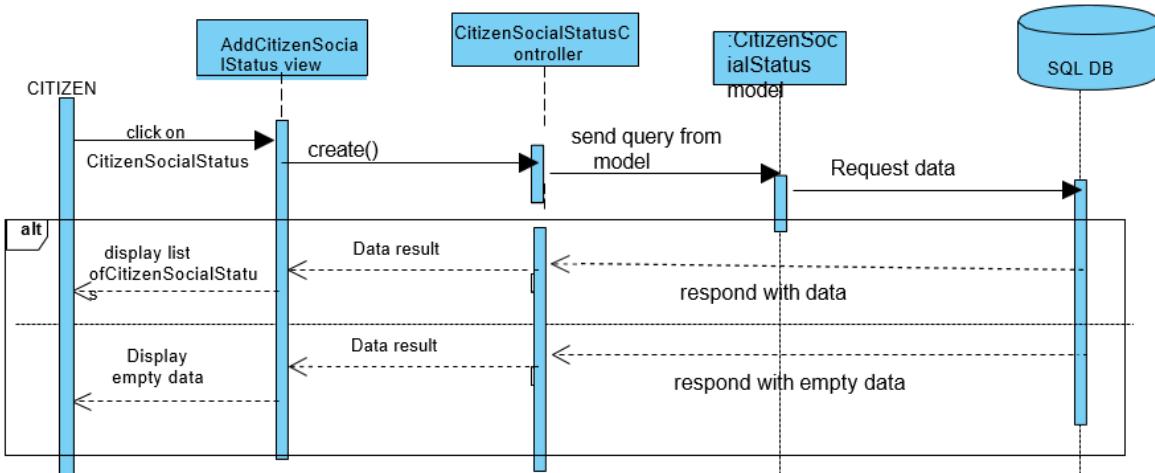


Figure 115: create Social status for citizen

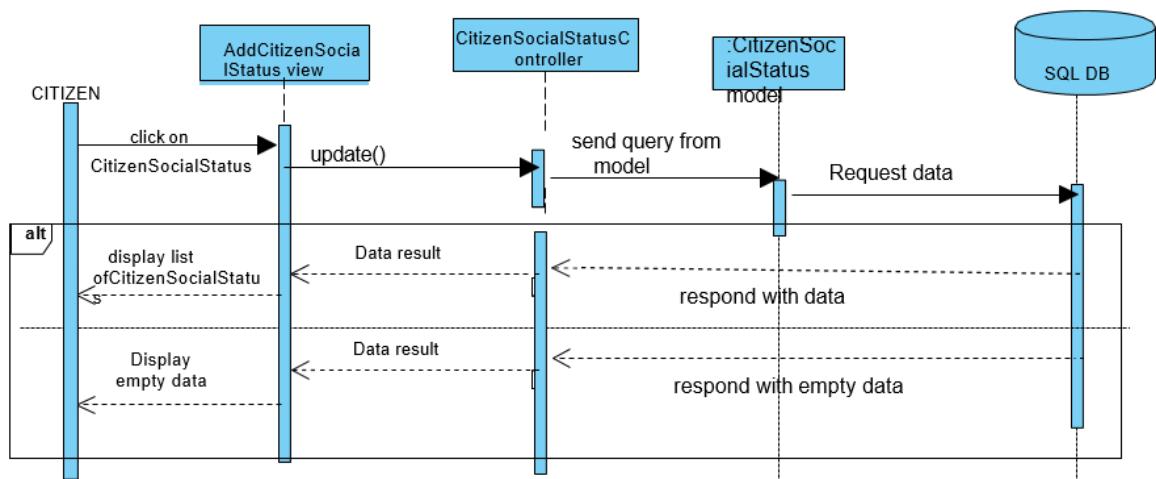


Figure 116: Update Social status for citizen

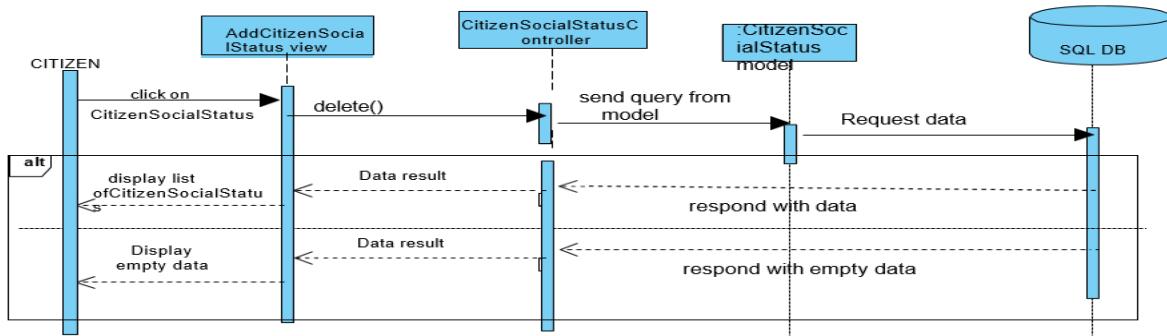


Figure 117: delete Social status for citizen

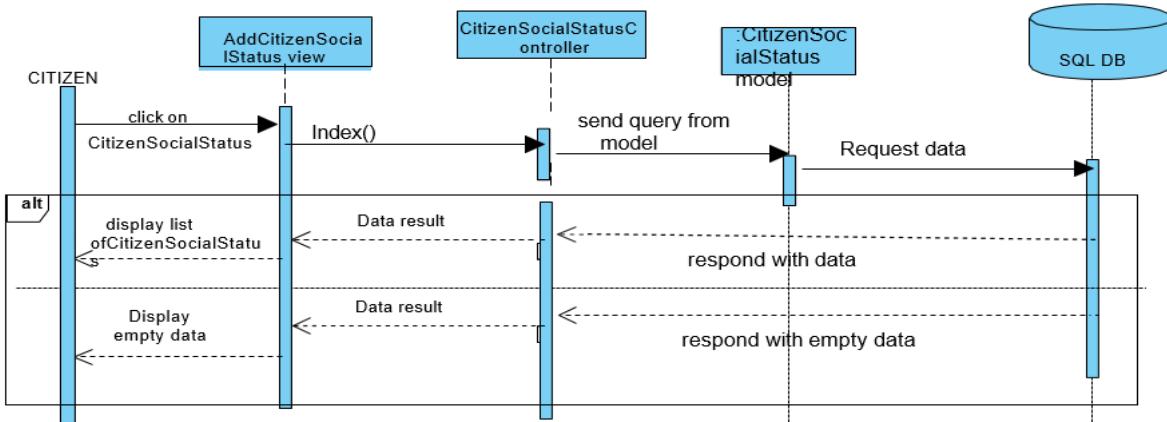


Figure 118: Index Social status for citizen

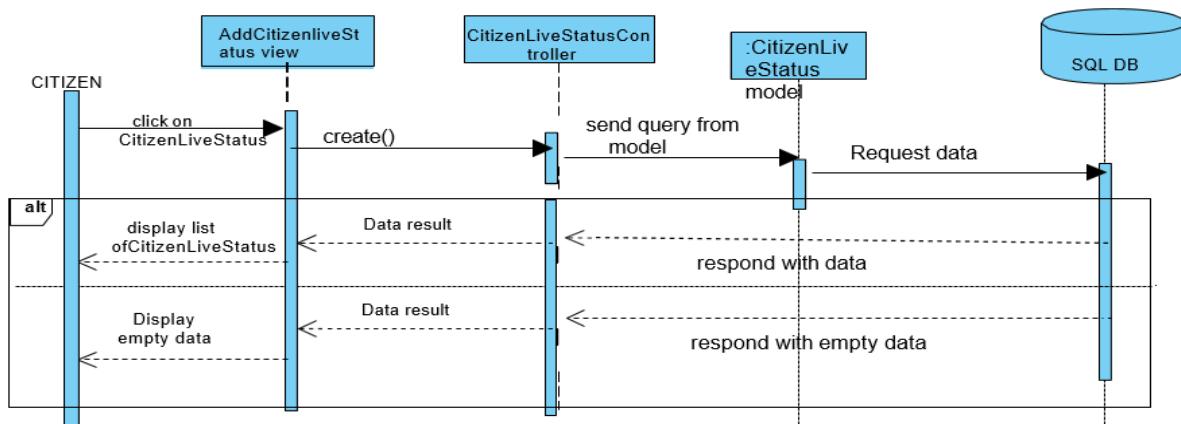


Figure 119: create live status

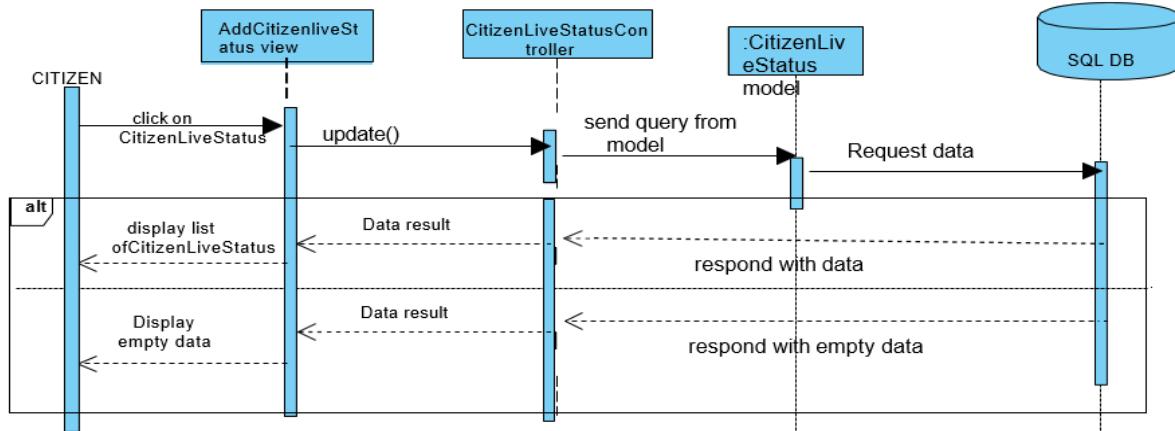


Figure 120: update live status

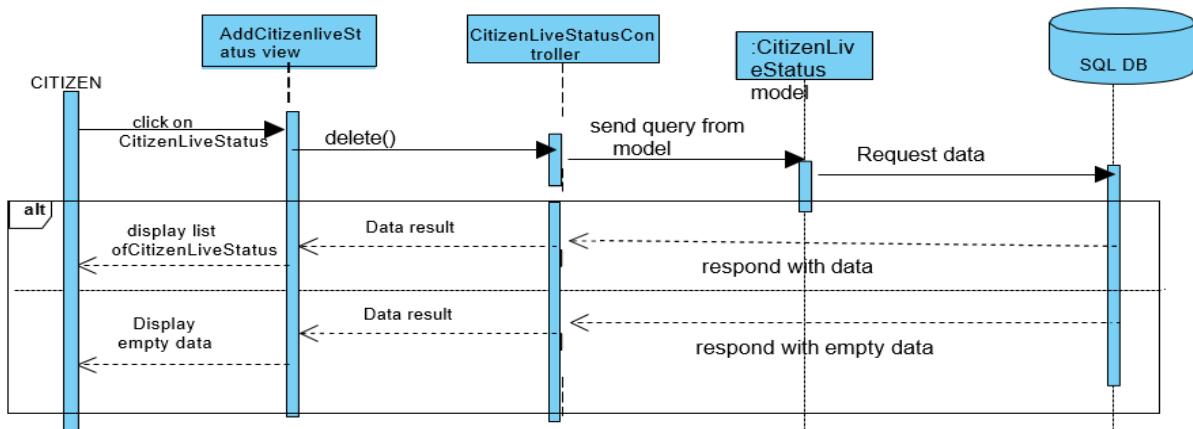


Figure 121: delete live status

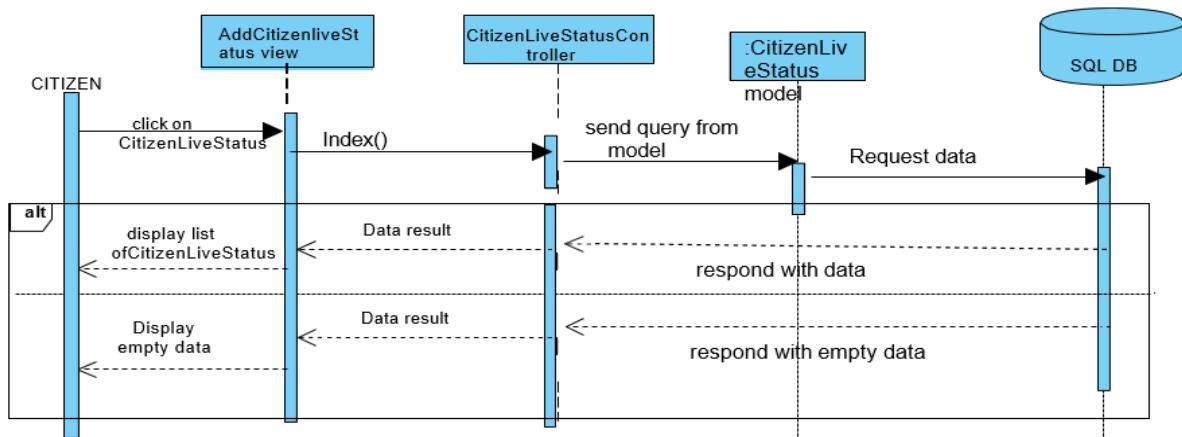


Figure 122: create live status for citizen

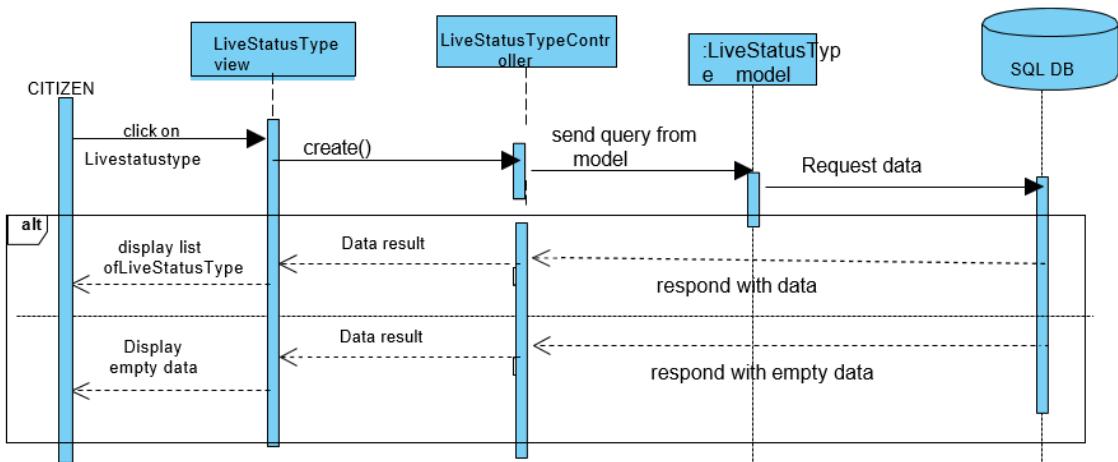


Figure 122: create live status Type

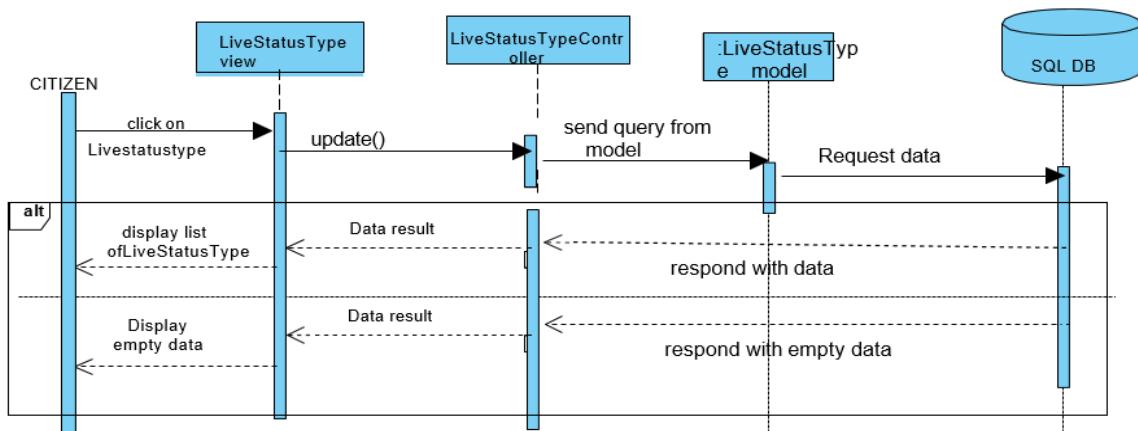


Figure 123: Update live status Type

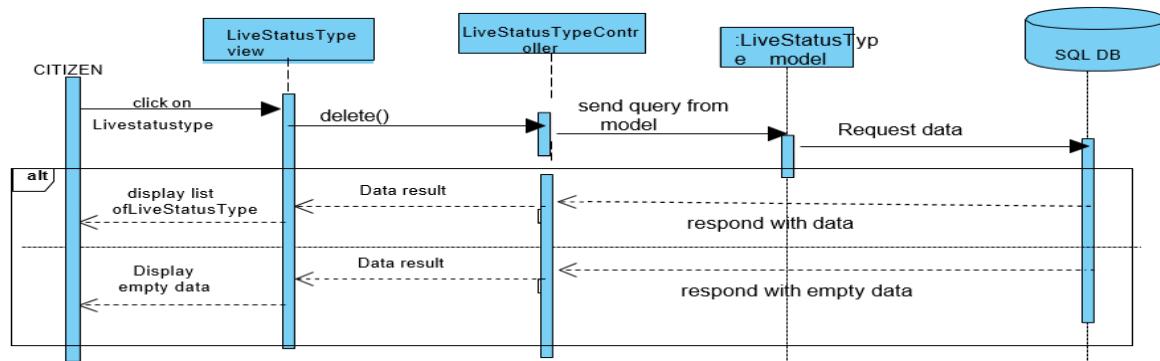


Figure 124: delete live status Type

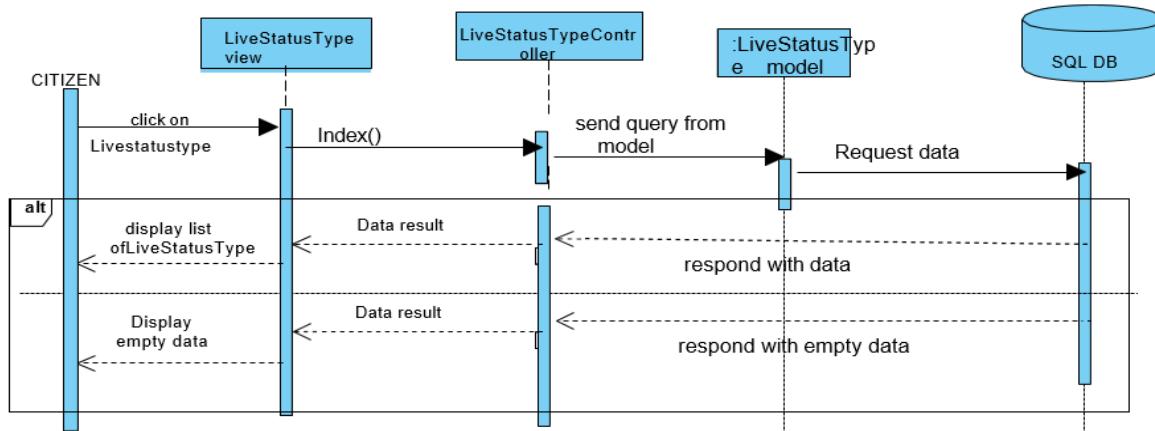


Figure 125: show live status Type

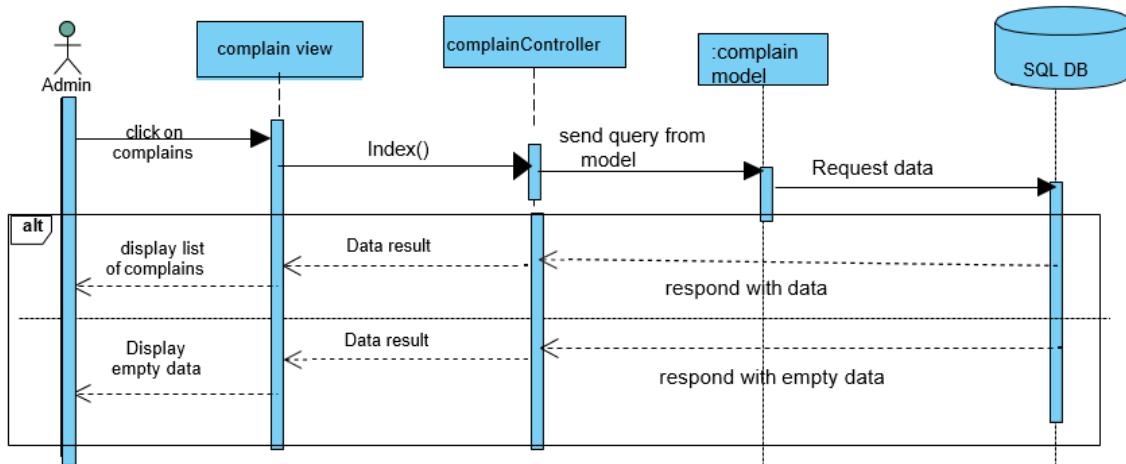


Figure 126: show Complains

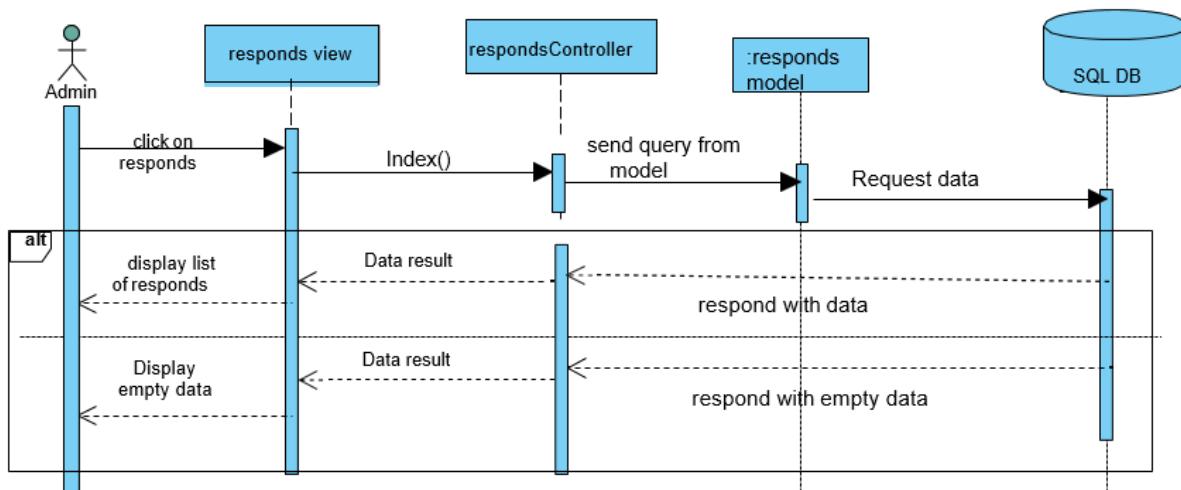


Figure 127: Show responds

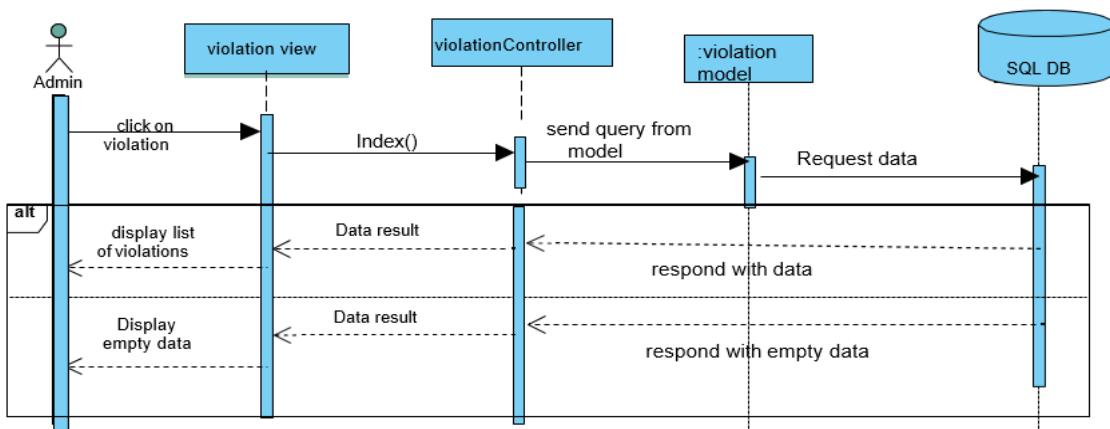


Figure 128: Show violation

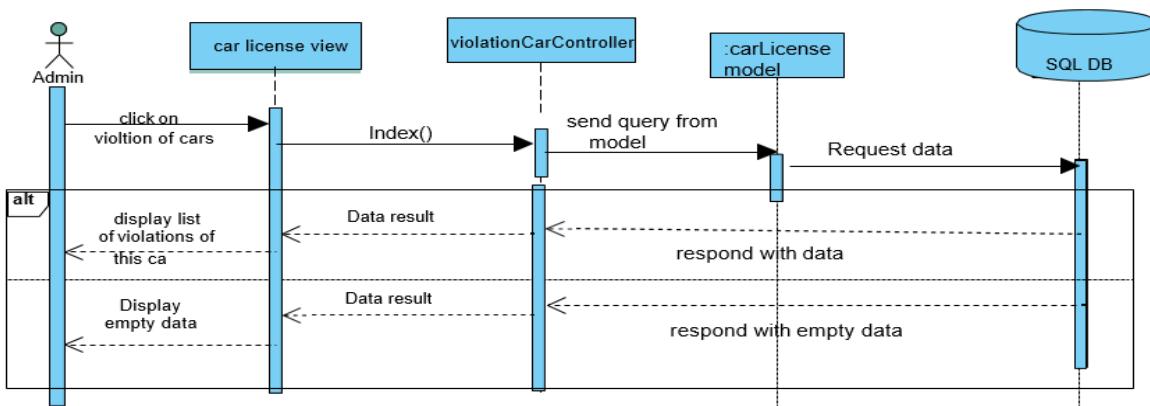


Figure 129: show violation car

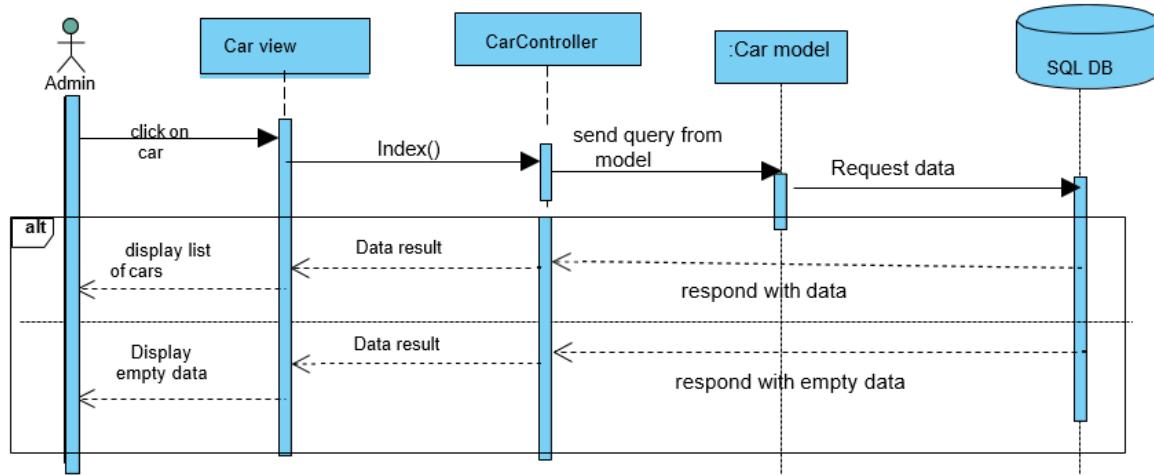


Figure 130: show car

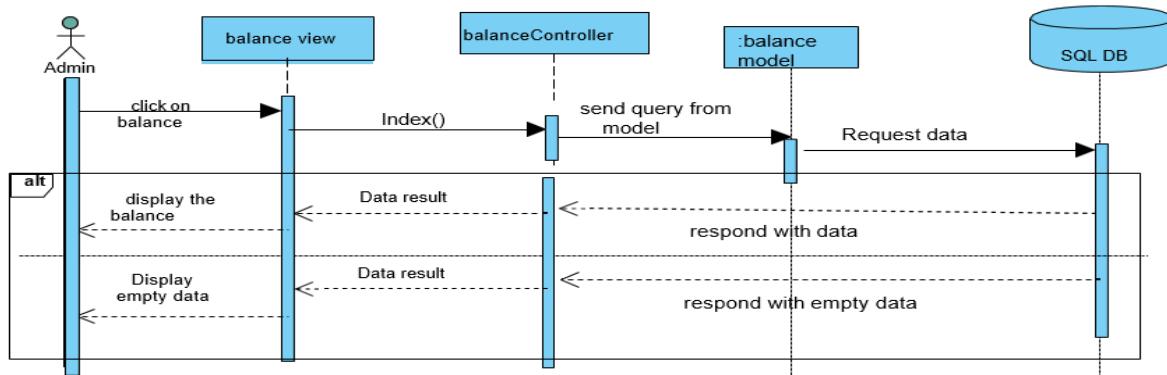


Figure 131: Show balance

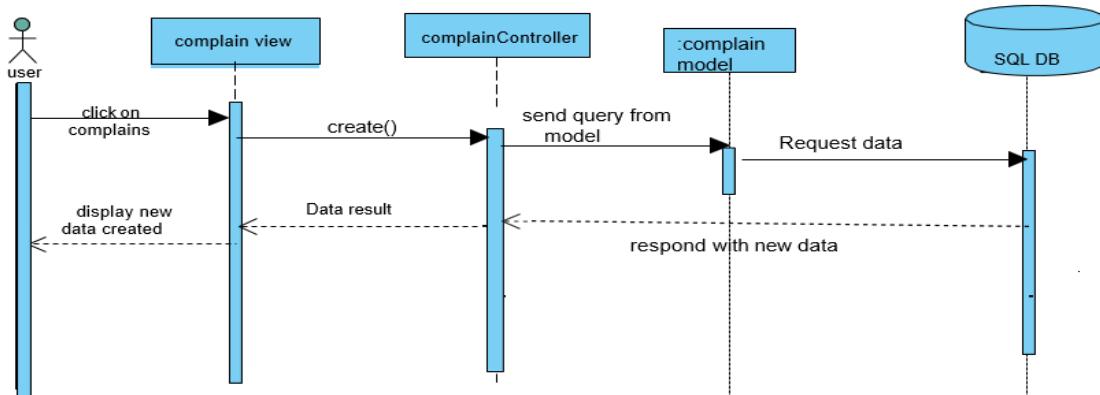


Figure 132: create complain

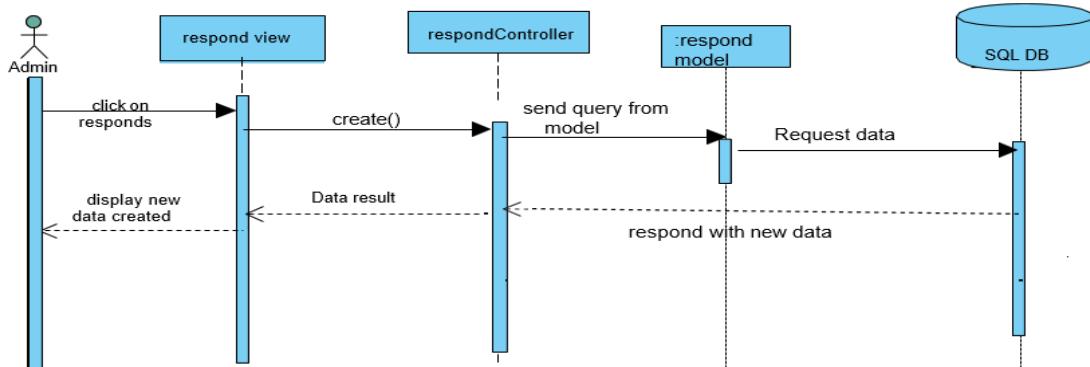


Figure 133: create respond

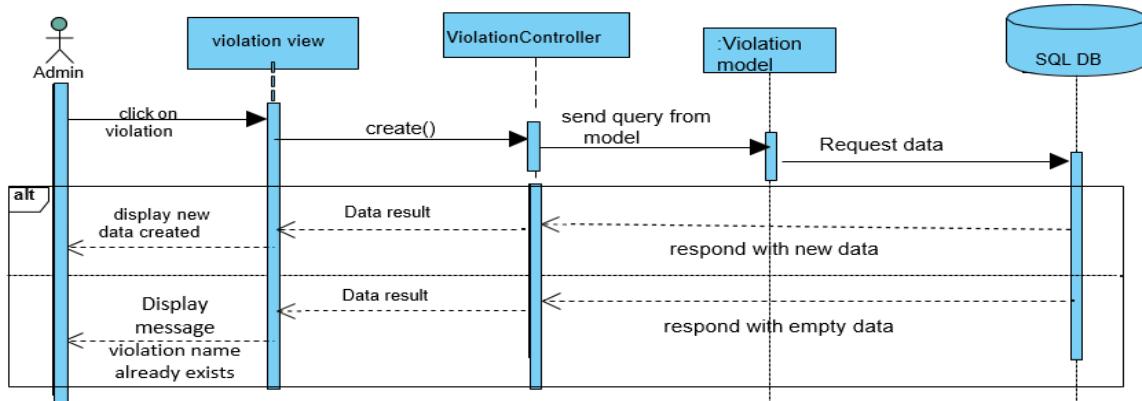


Figure 124: create violation

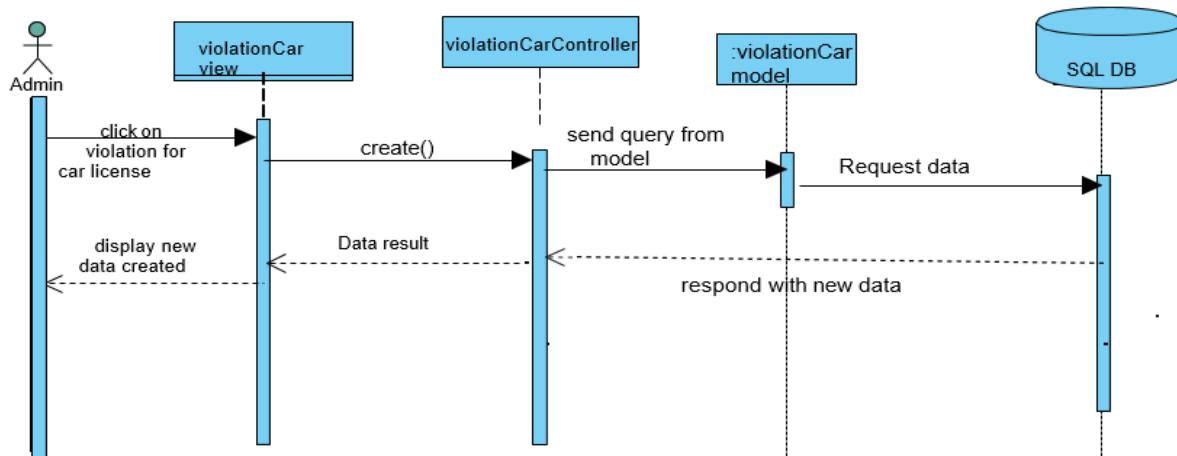


Figure 125: create violation car

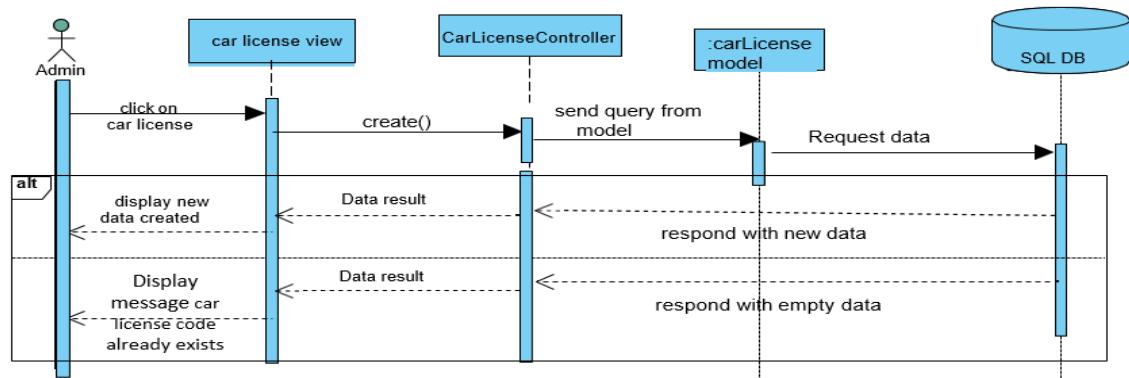


Figure 126: create car license

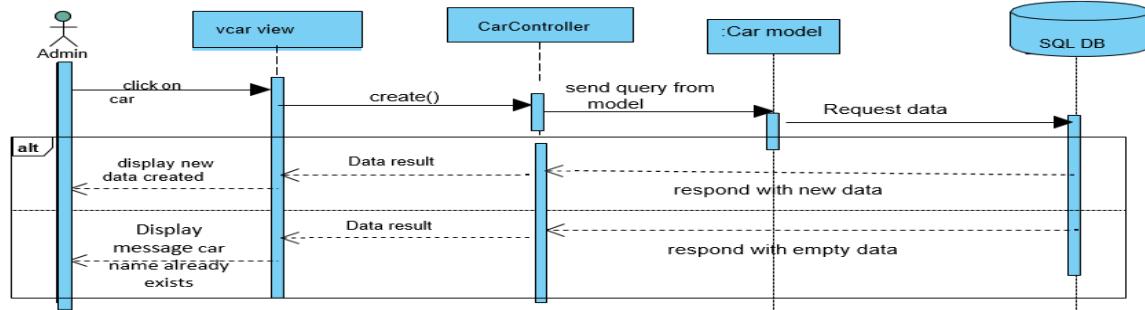


Figure 127: create car

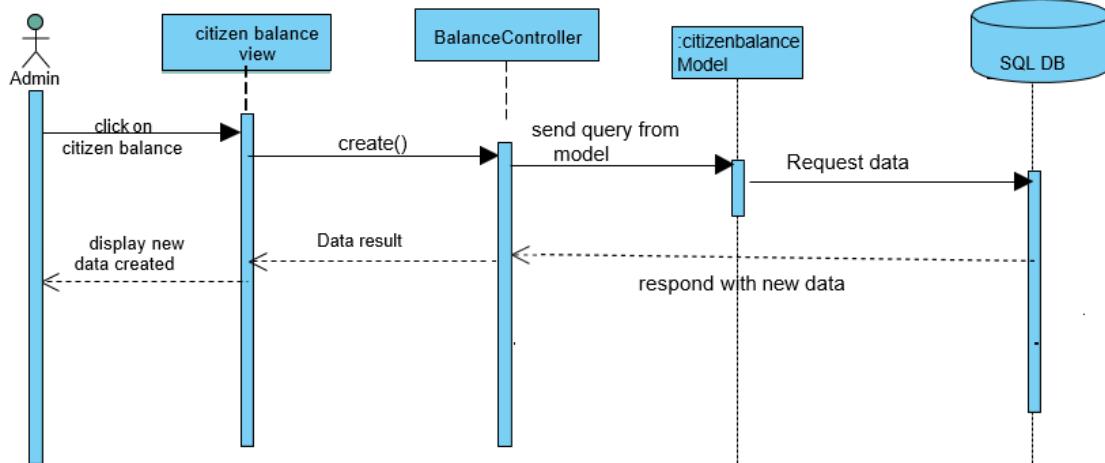


Figure 128: create balance

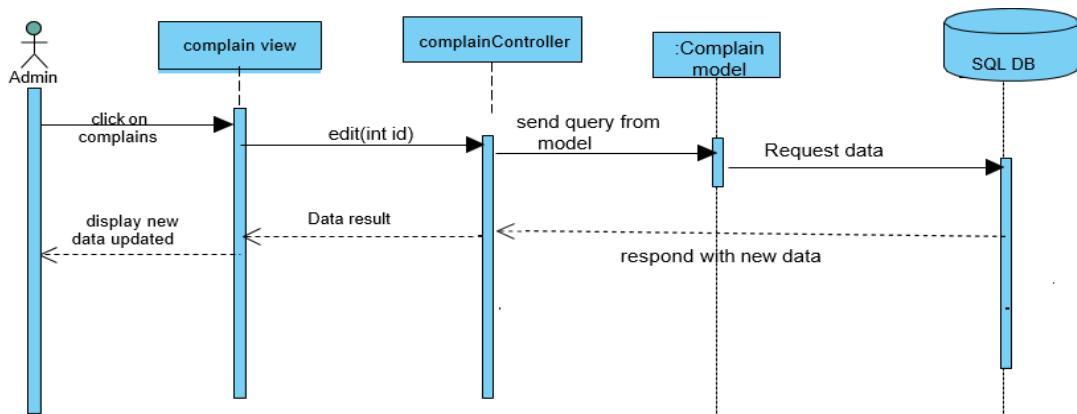


Figure 129: Update Complain

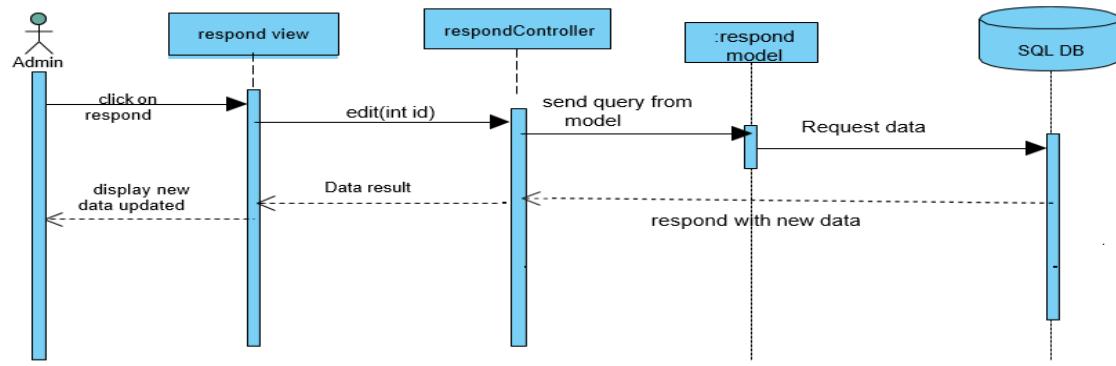


Figure 130: Update Complain

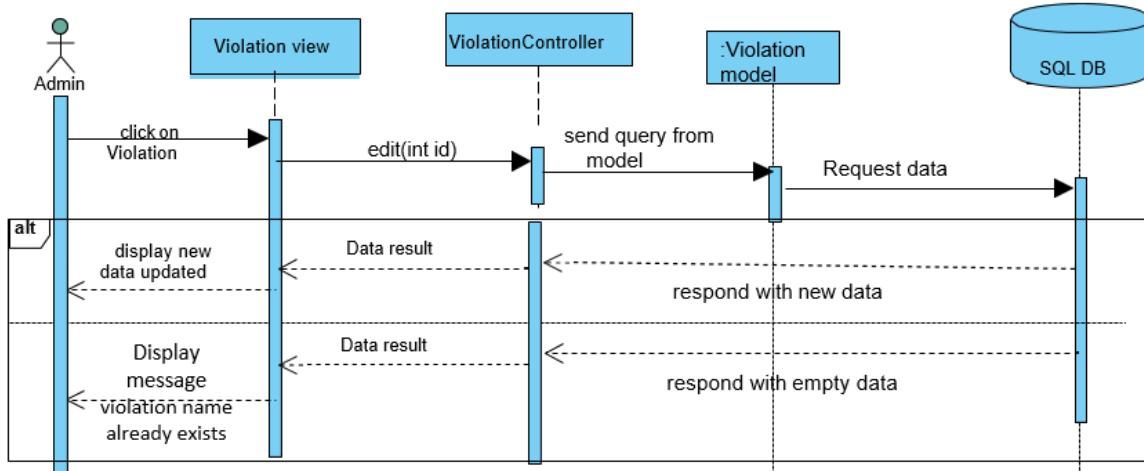


Figure 131: edit violation

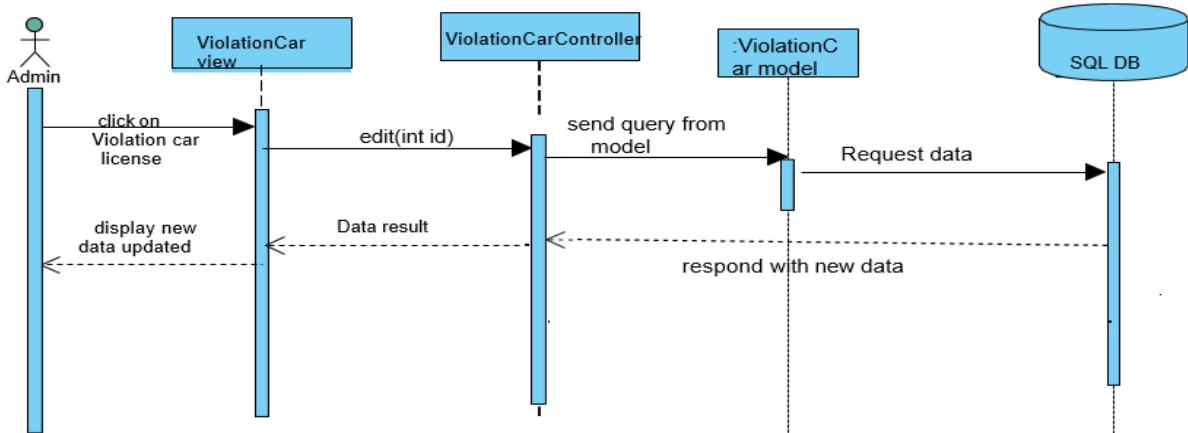


Figure 132: Update violation car

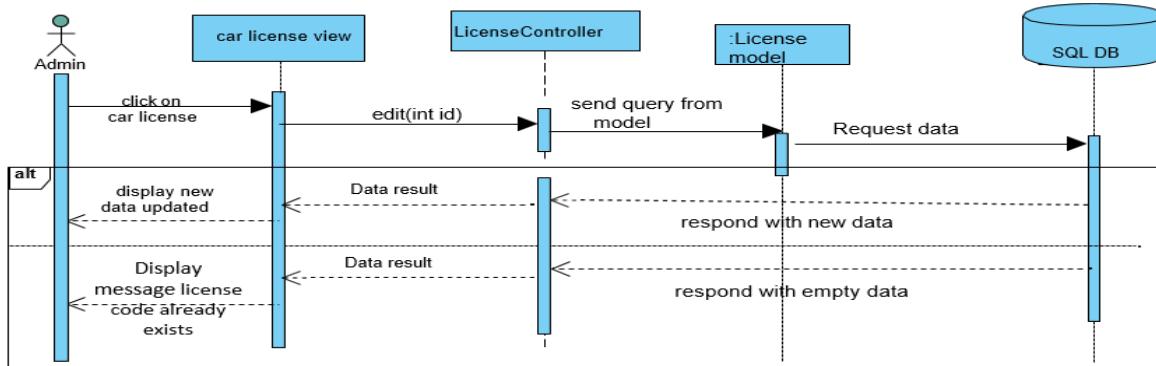


Figure 133: Update car license

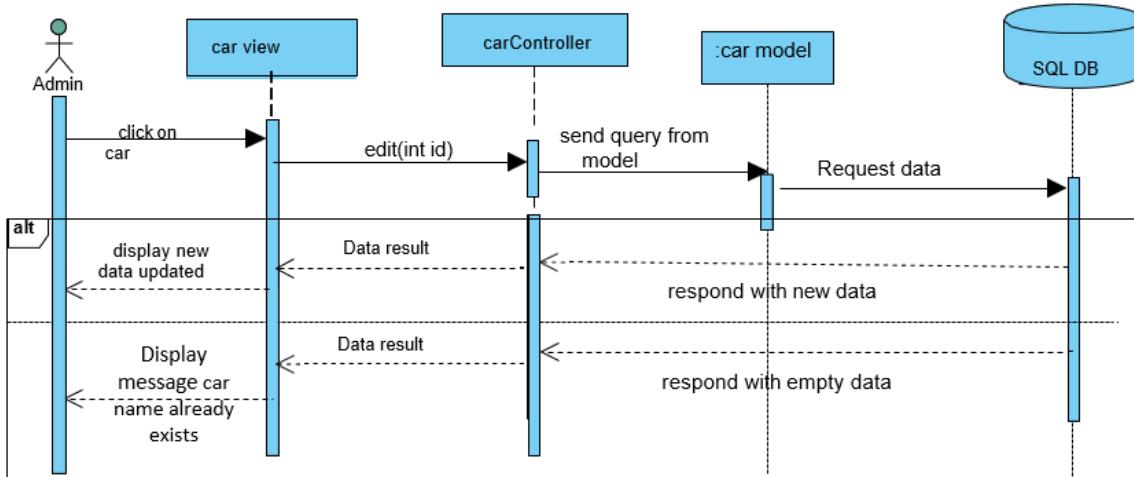


Figure 134: Update car

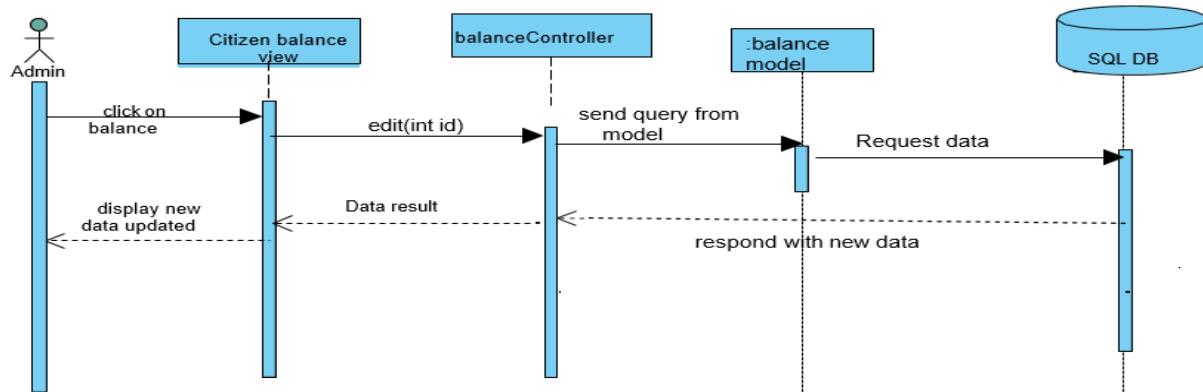


Figure 135: Update balance

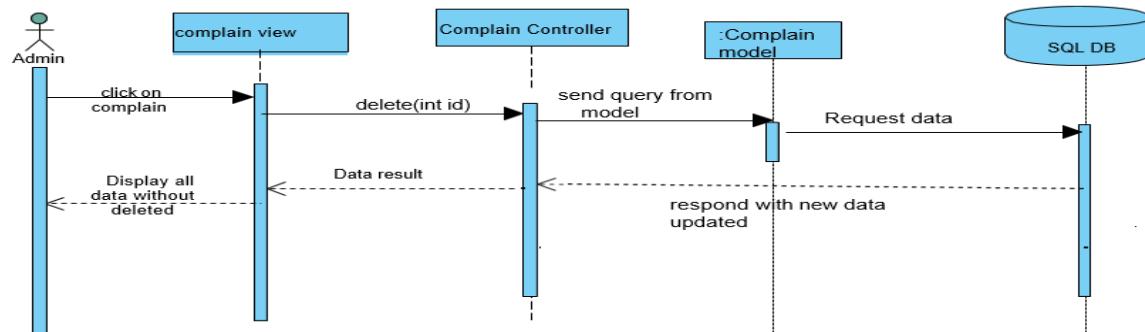


Figure 136: delete Complain

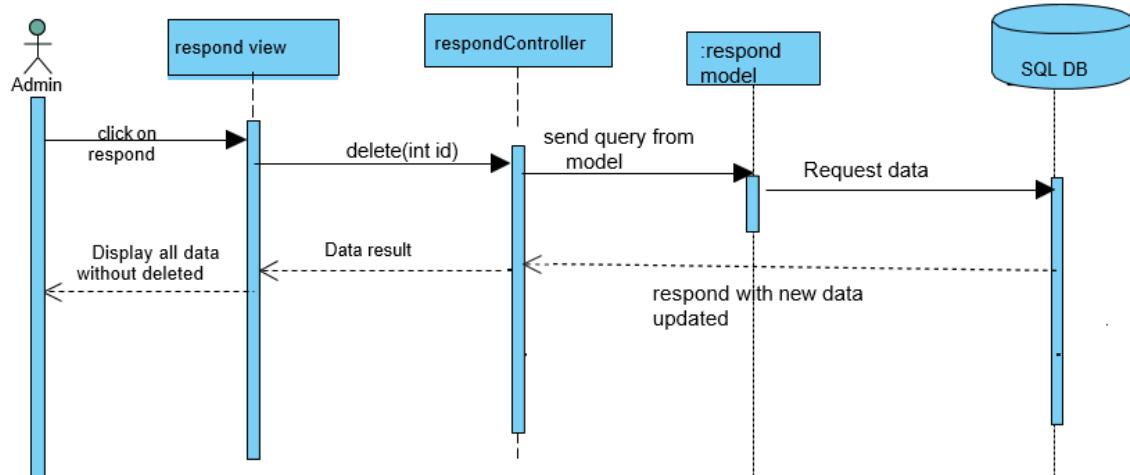


Figure 137: delete respond

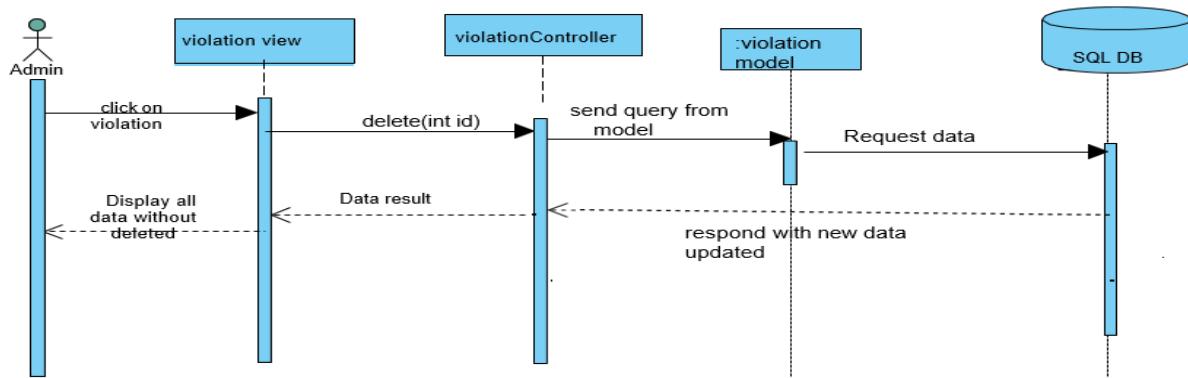


Figure 138: violation

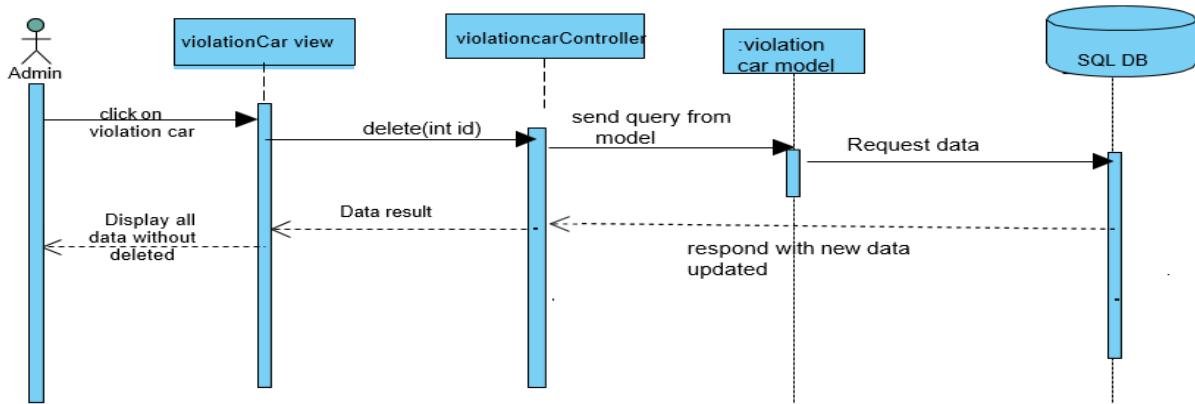


Figure 139: delete violation car

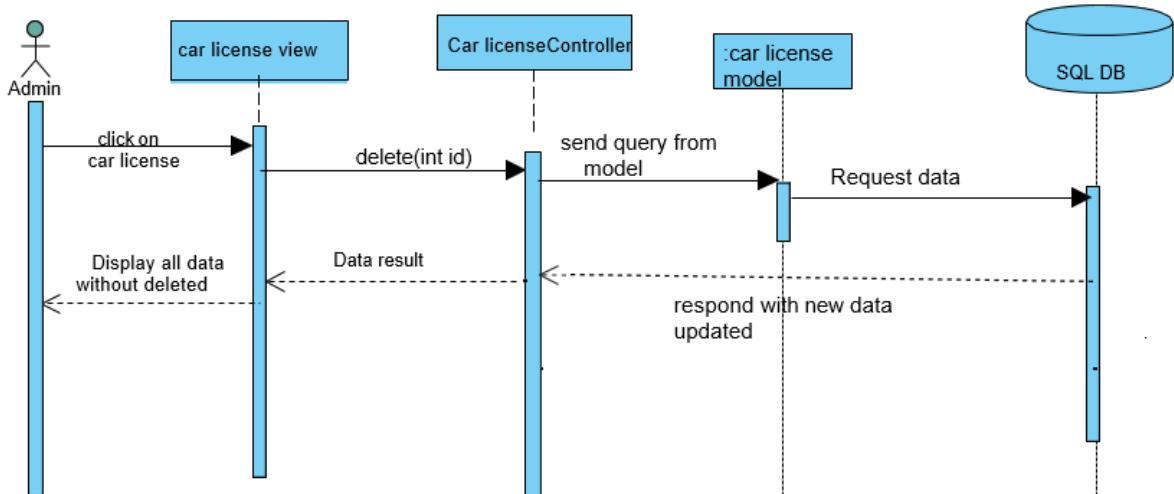


Figure 140: delete Car license

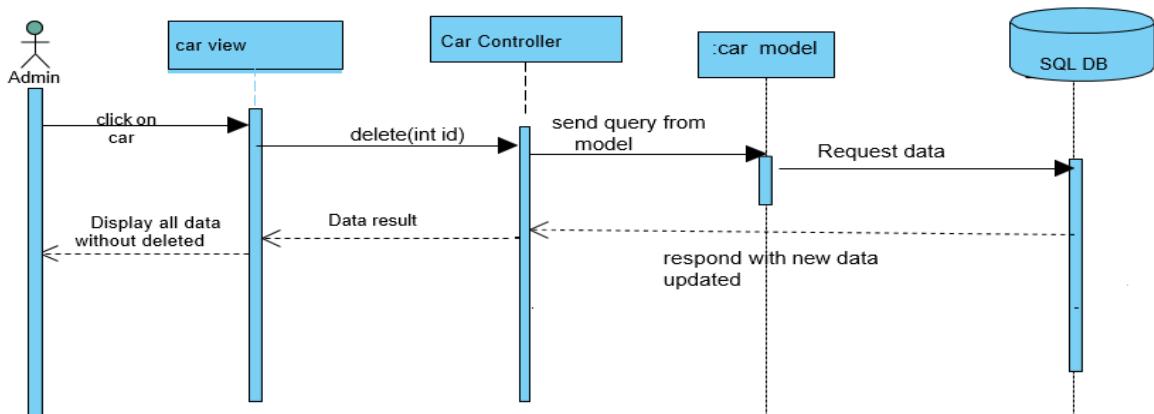


Figure 141: delete car

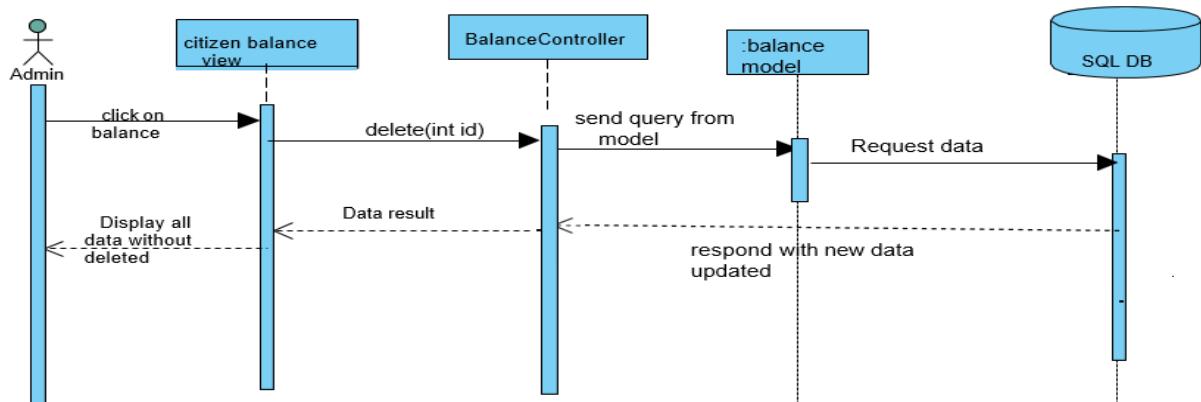


Figure 142: delete Complain

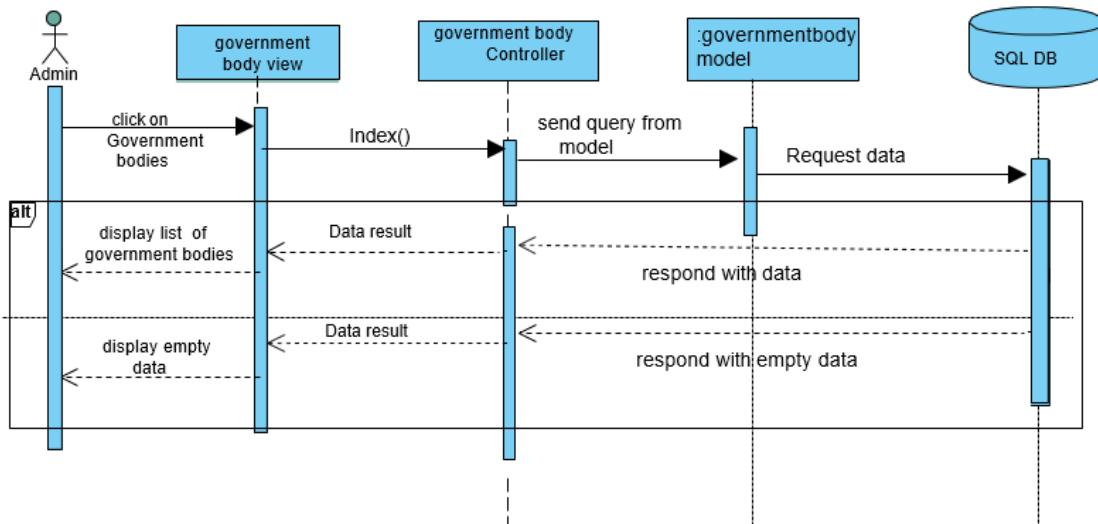


Figure 143: show government body

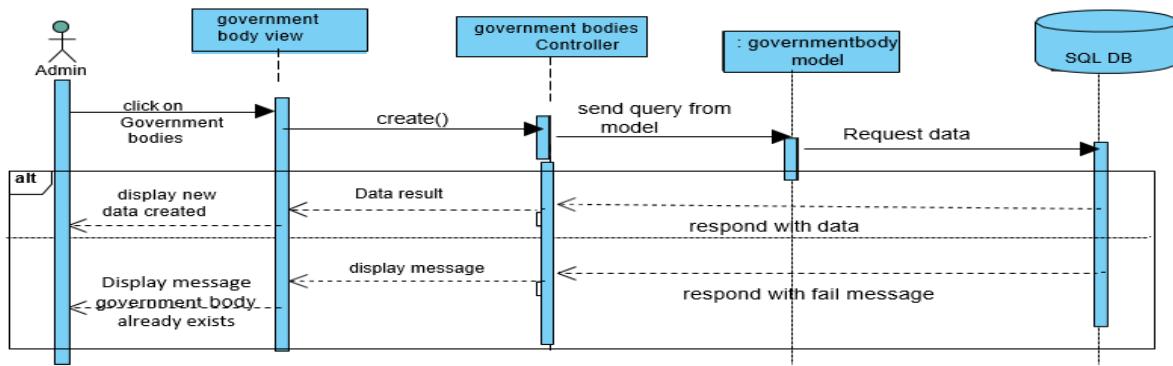


Figure 145: create government body

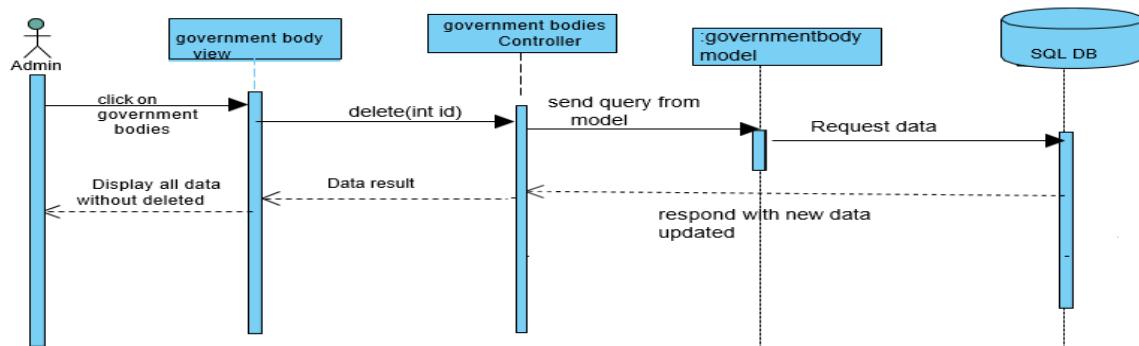


Figure 146: delete government body

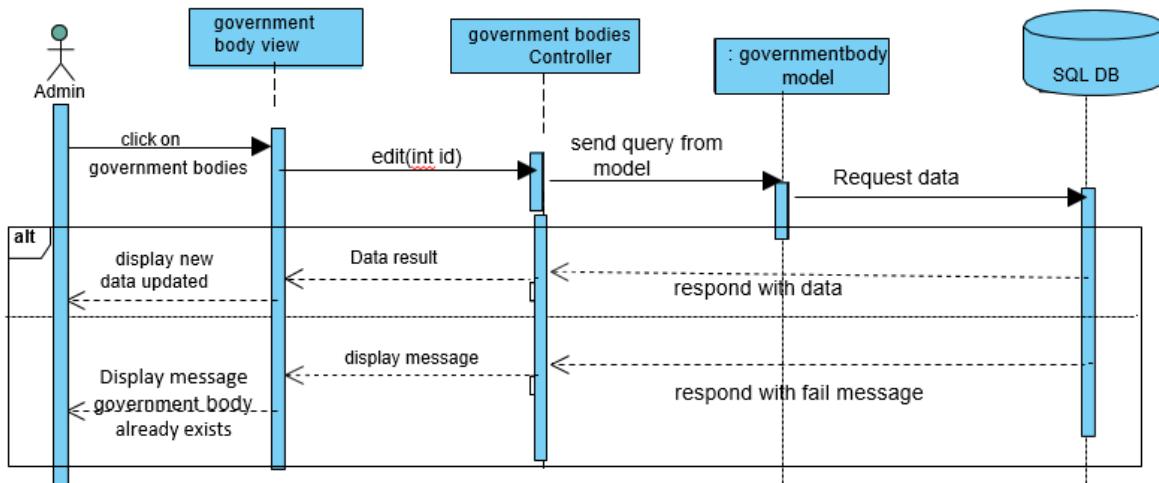


Figure 147: update government body

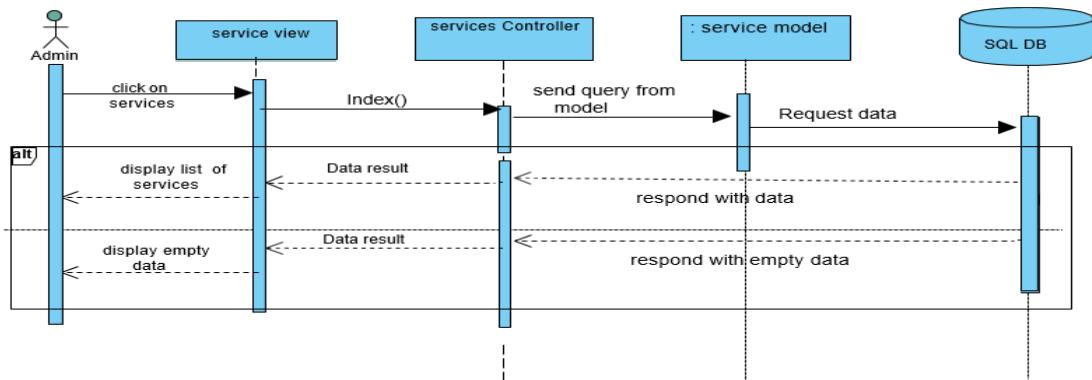


Figure 148: show service

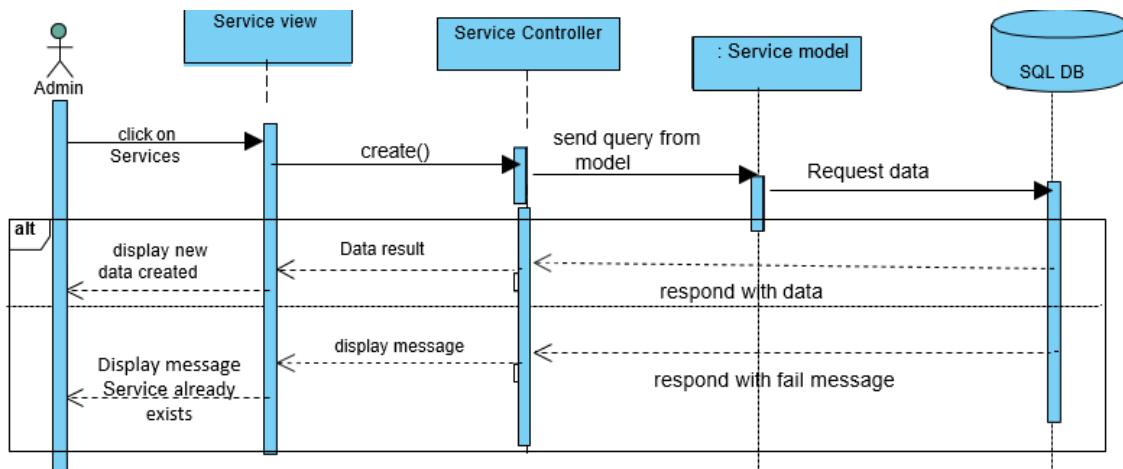


Figure 149: create service

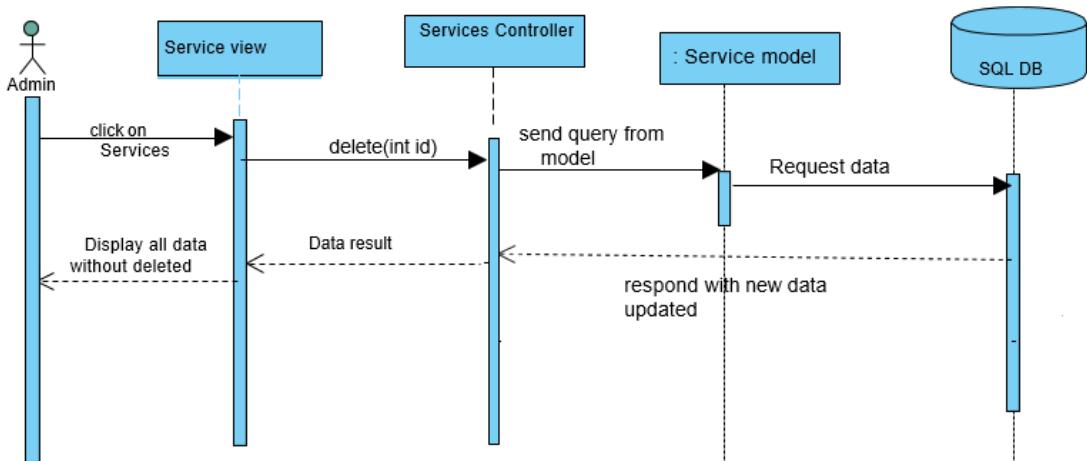


Figure 150: delete service

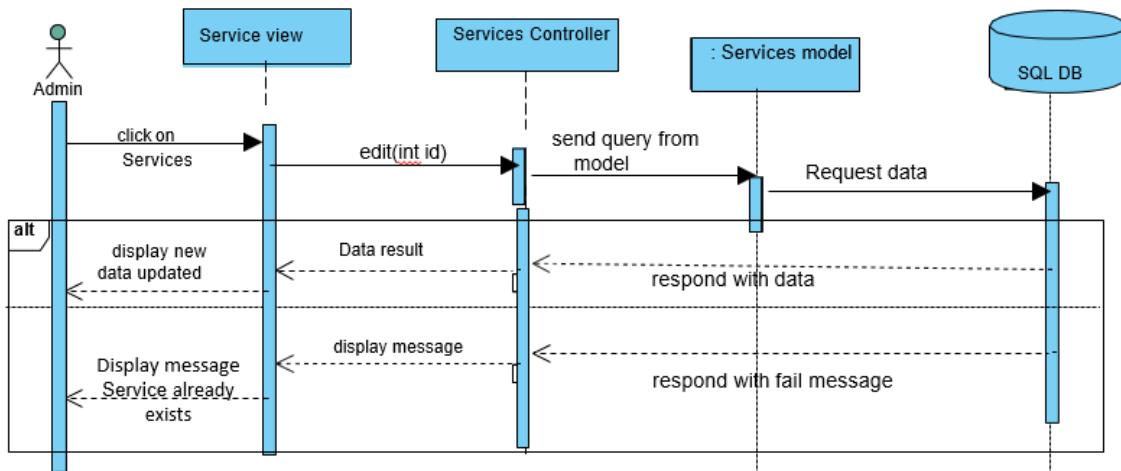


Figure 151: edit service

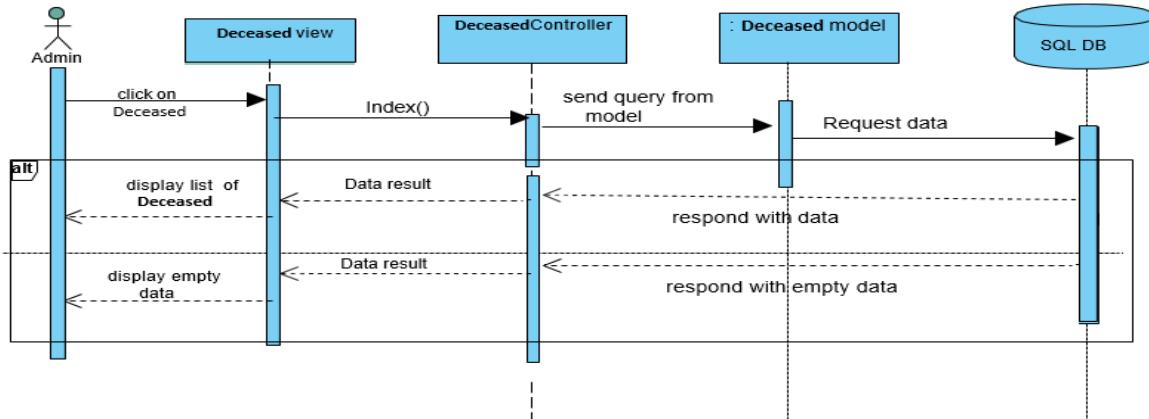


Figure 152: show deceased

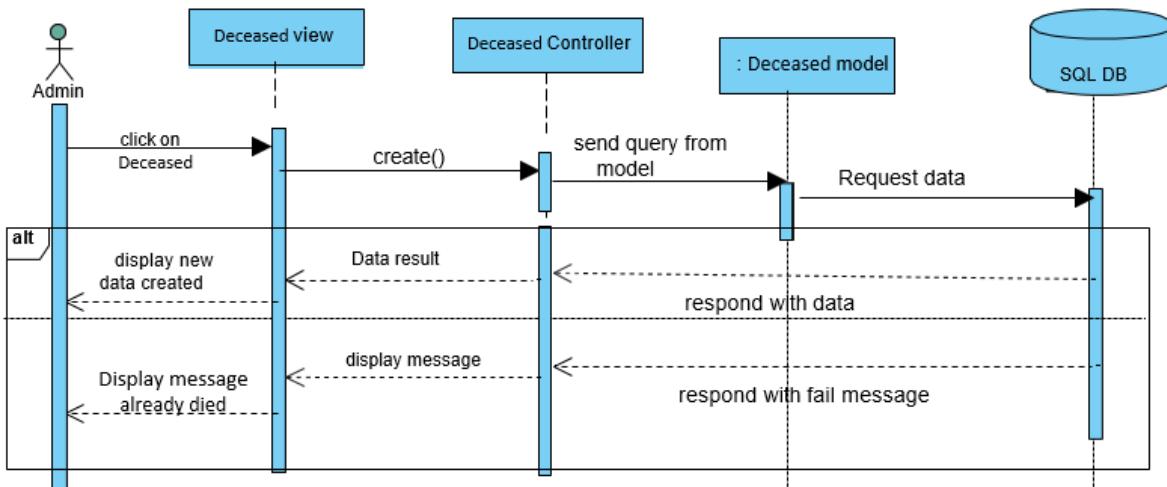


Figure 153: create deceased

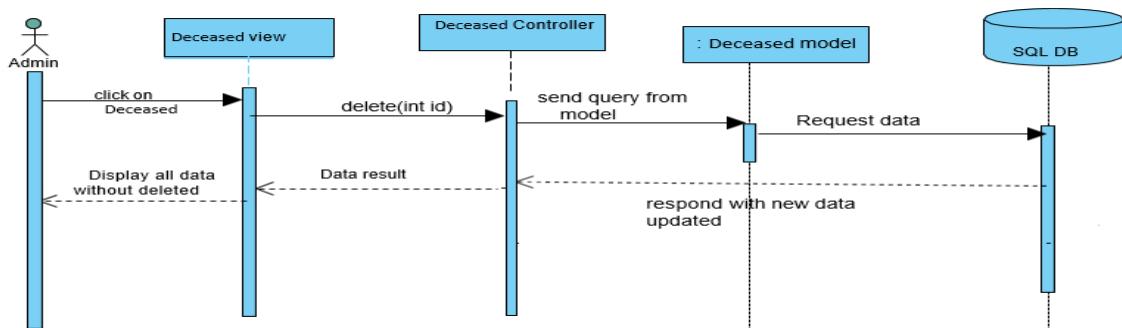


Figure 154: delete deceased

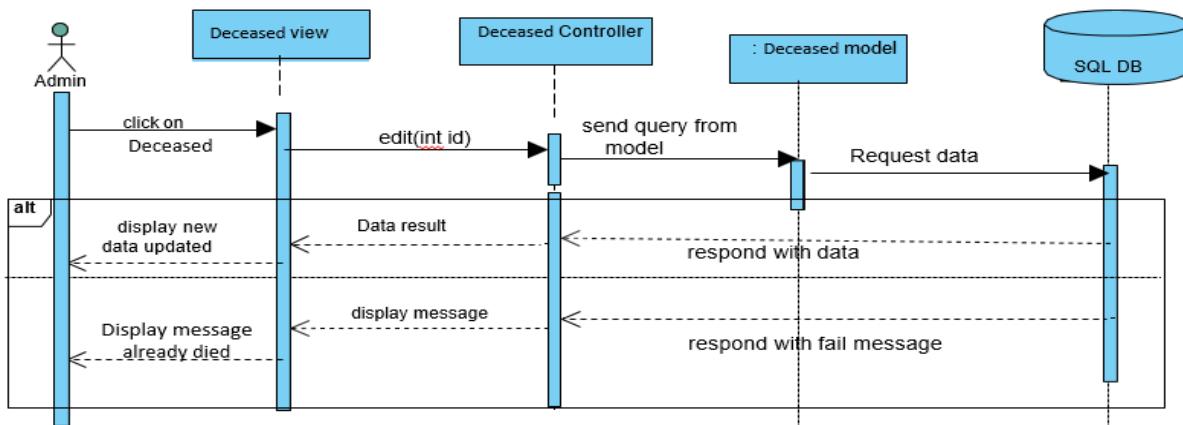


Figure 155: edit deceased

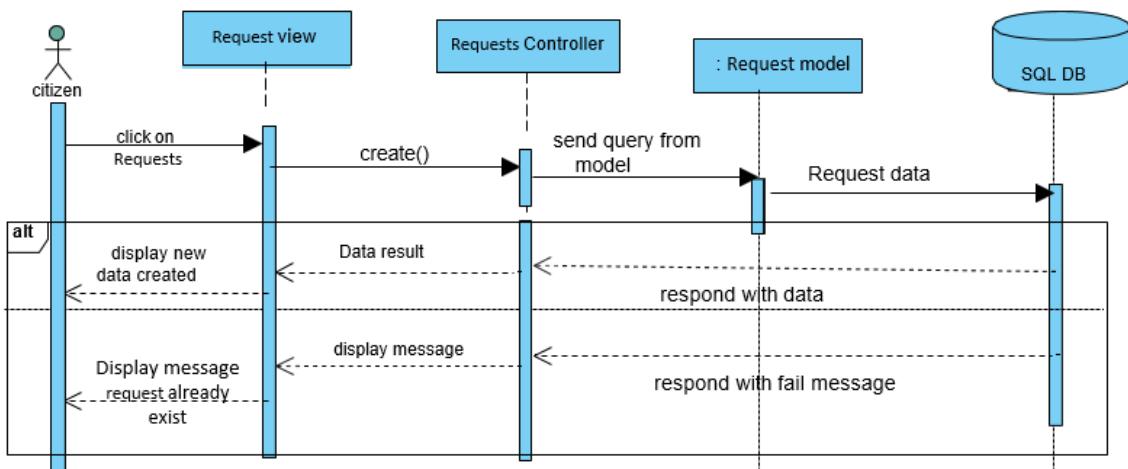


Figure 156: create request

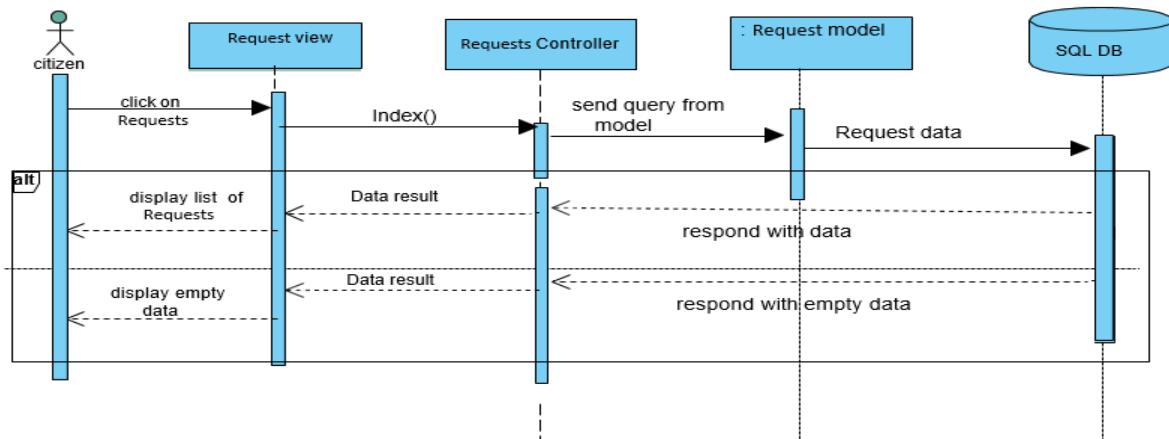


Figure 157: show request

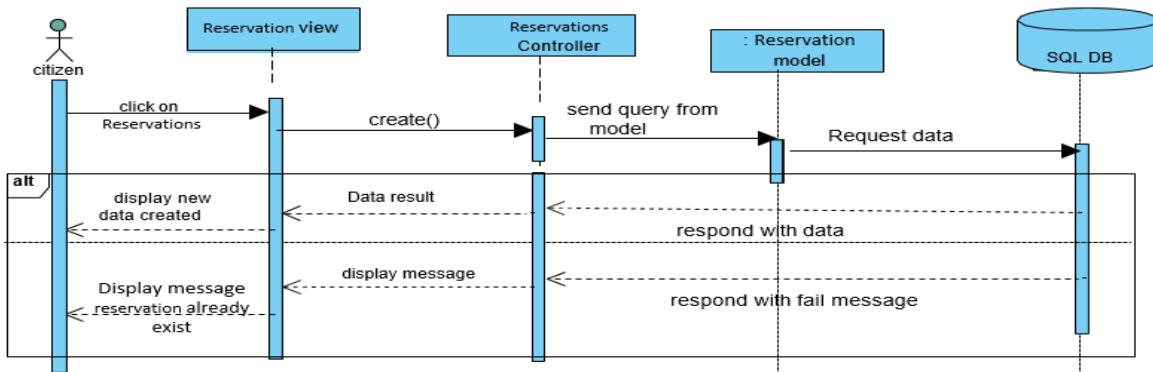


Figure 158: create reservation

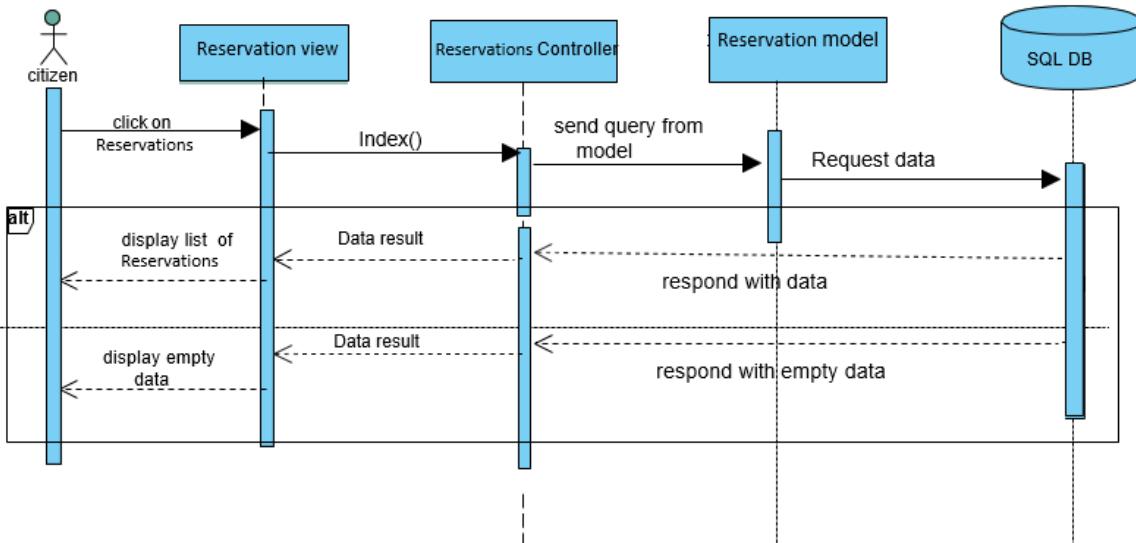


Figure 159: show reservation

4.4.2.2 ministry of education

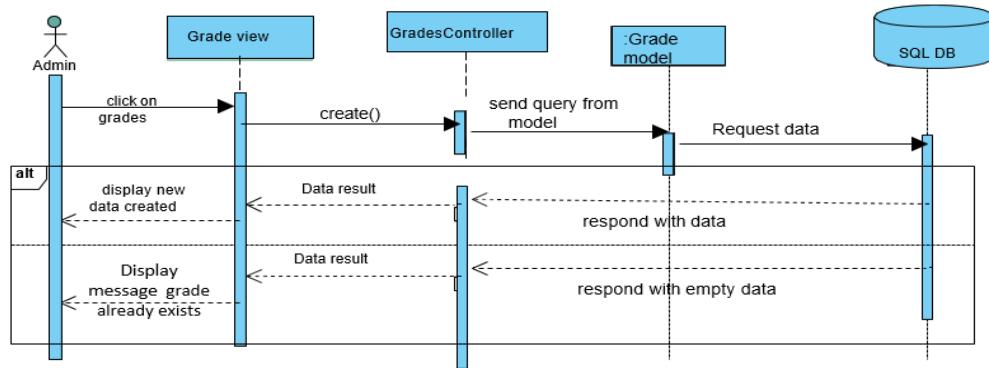


Figure 160: create grades

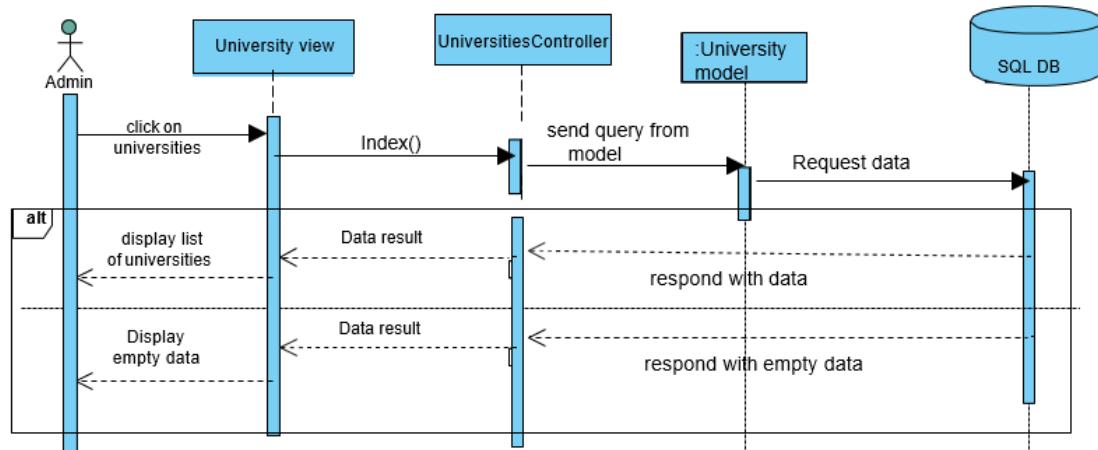


Figure 161: show universities

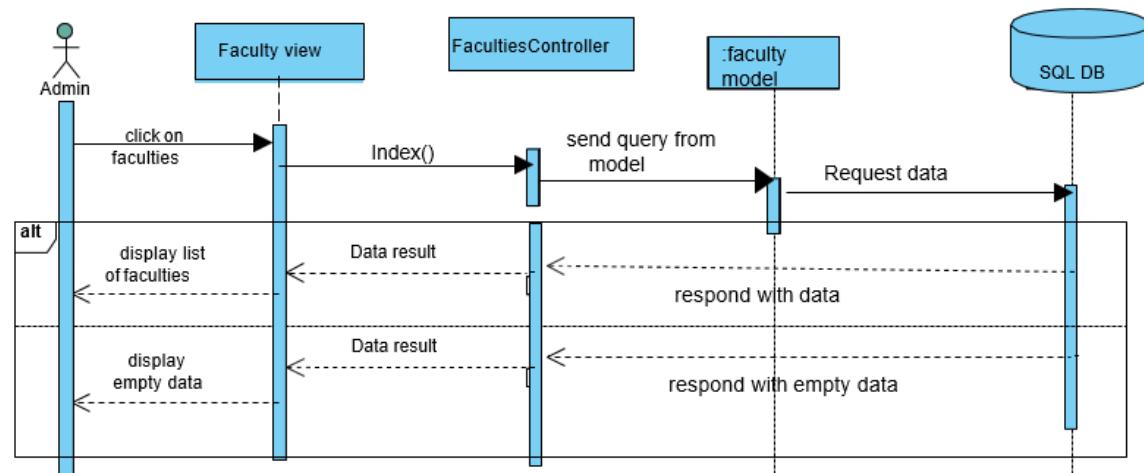


Figure 162: how faculties

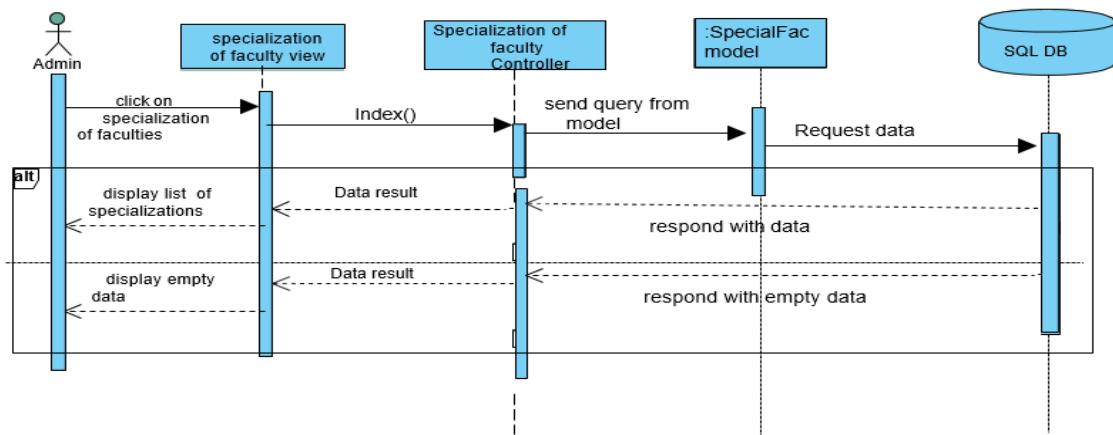


Figure 163: show specialization of faculty

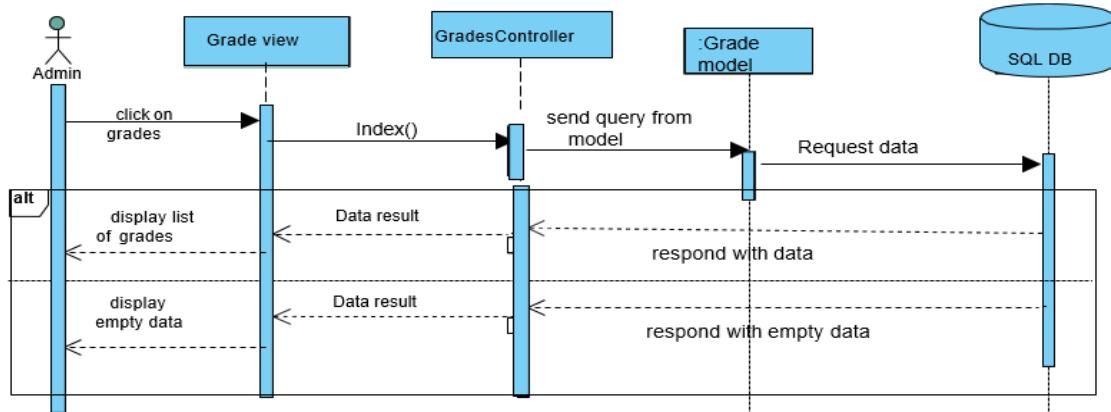


Figure 164: show grades

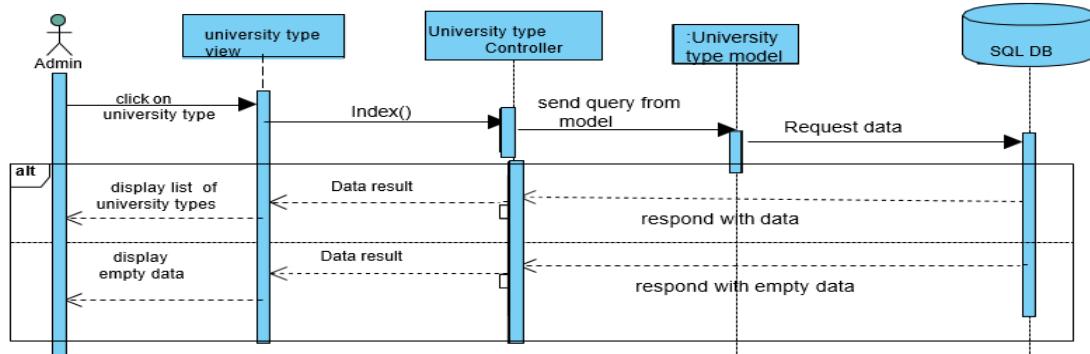


Figure 165: show university type

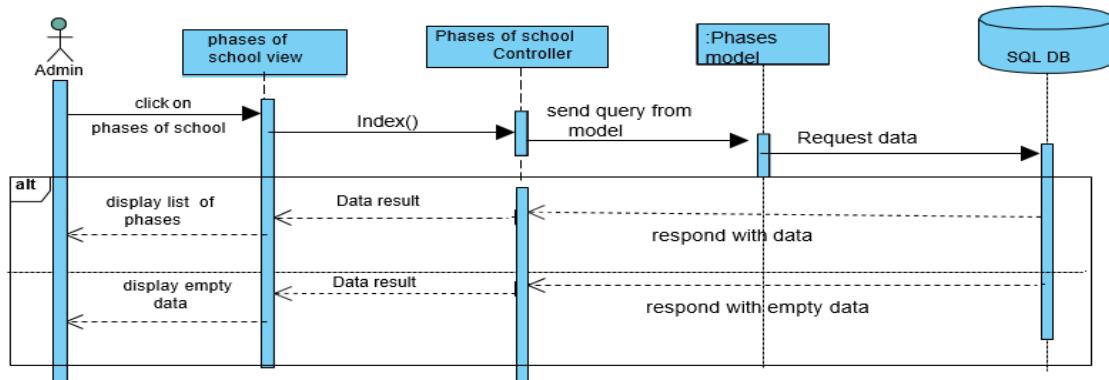


Figure 166: show phases of school

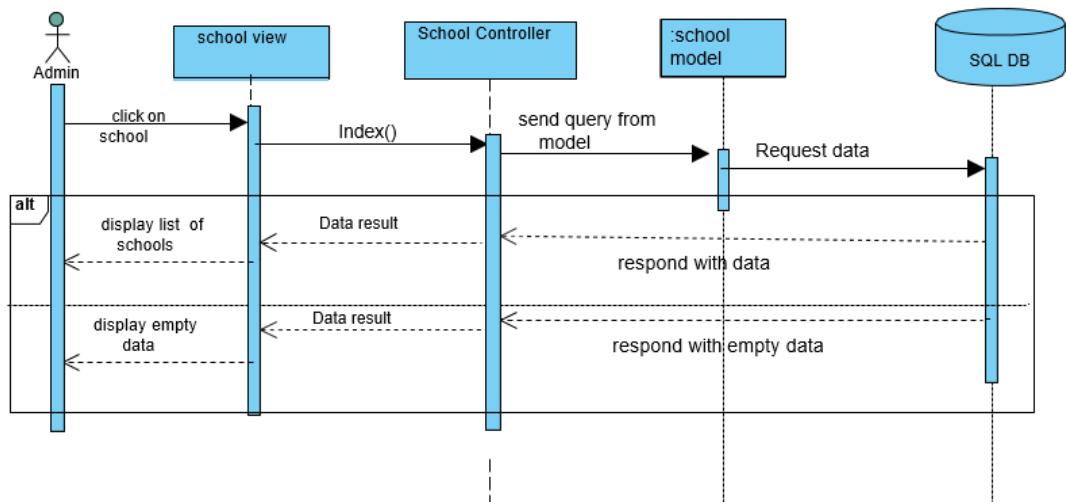


Figure 167: show school

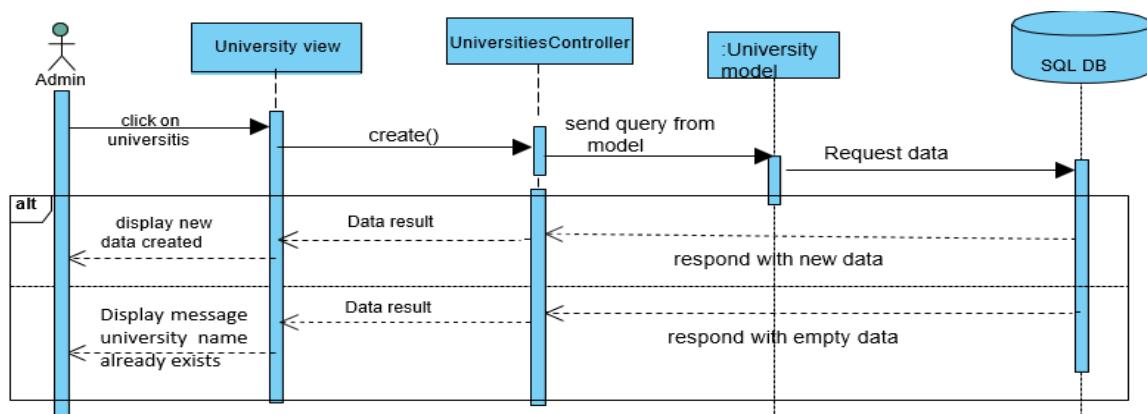


Figure 168: create university

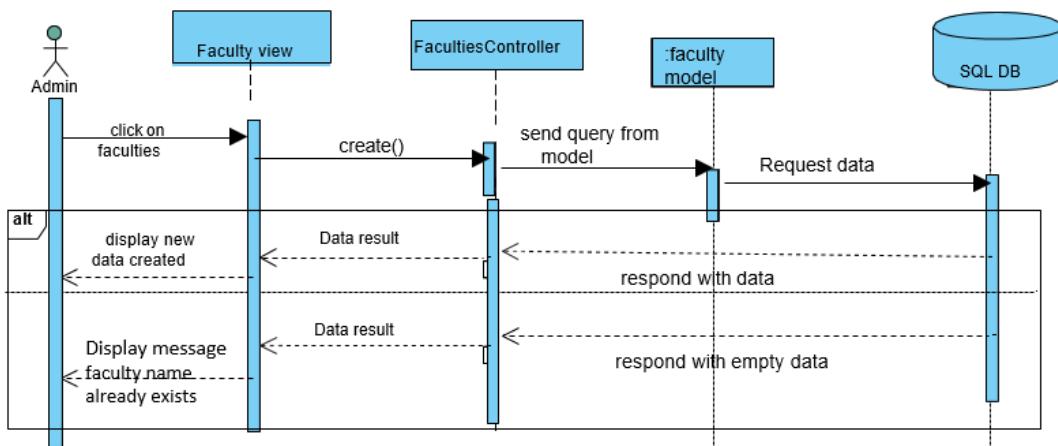


Figure 169: create faculties

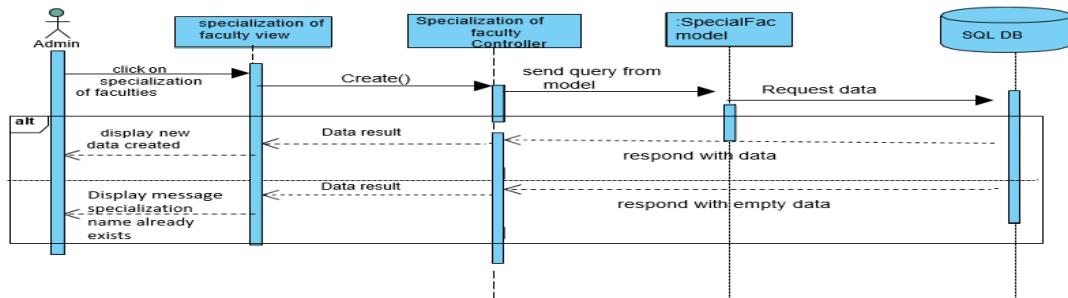


Figure 170: create request

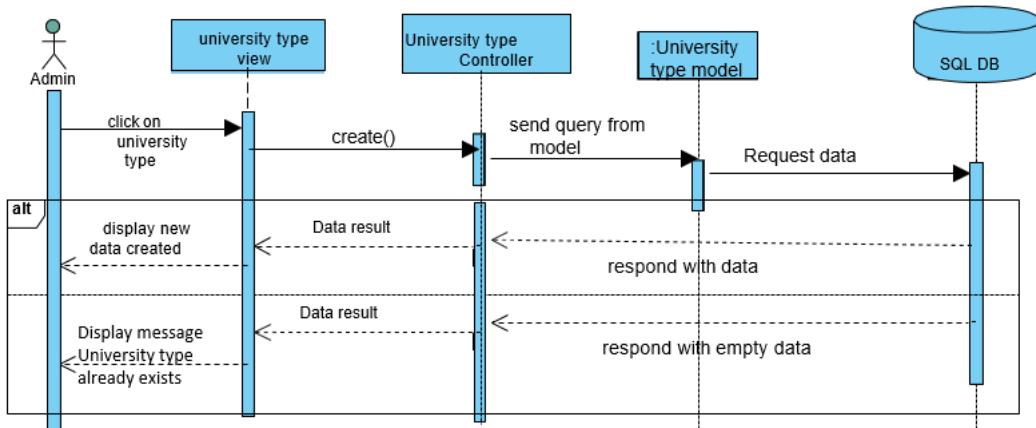


Figure 171: create university type

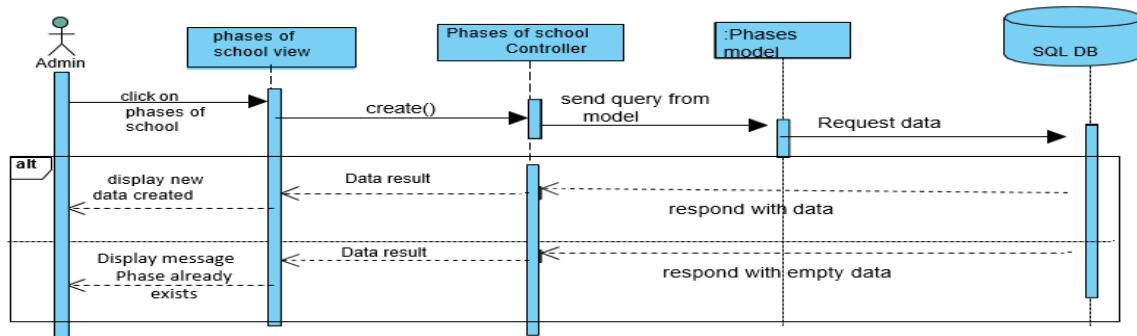


Figure 171: create phases of school

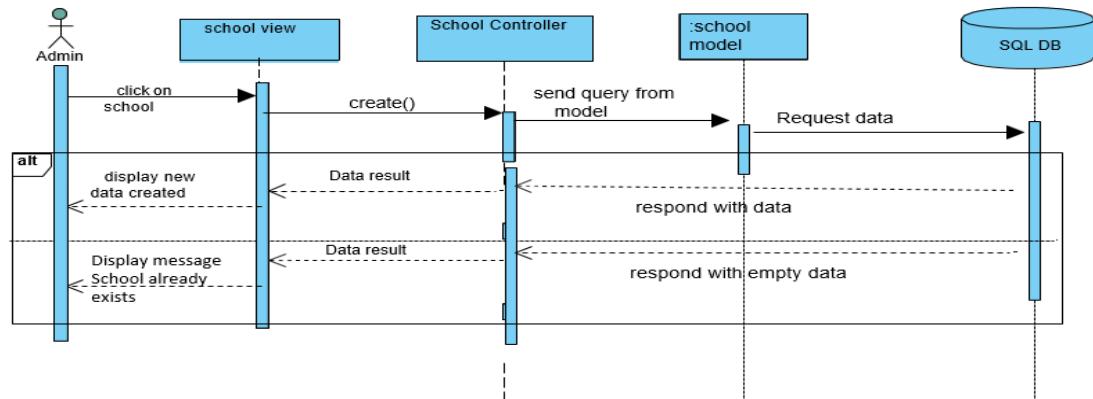


Figure 172: create school

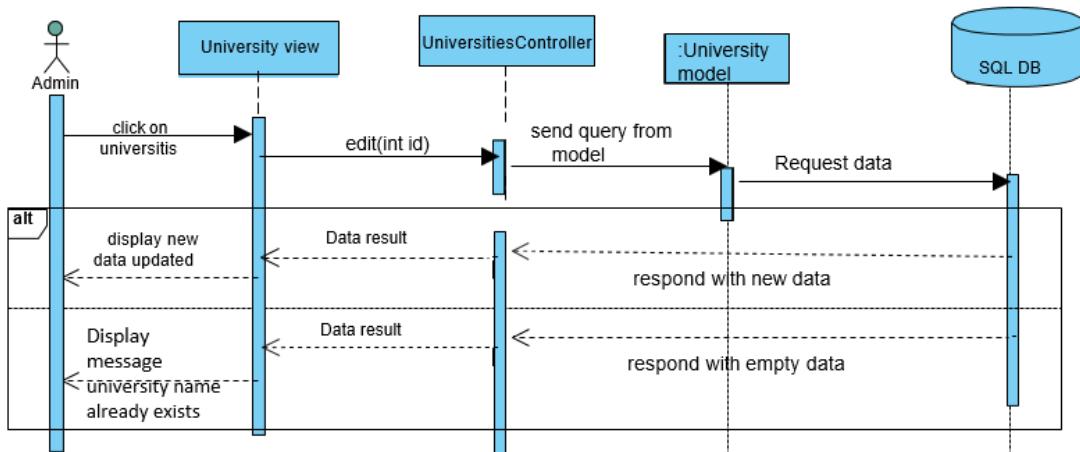


Figure 173: update universities

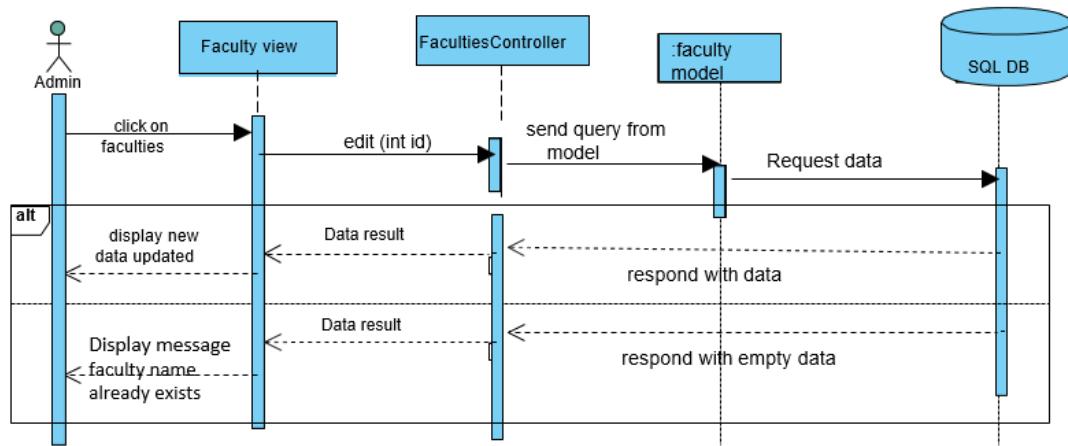


Figure 174: Update faculty

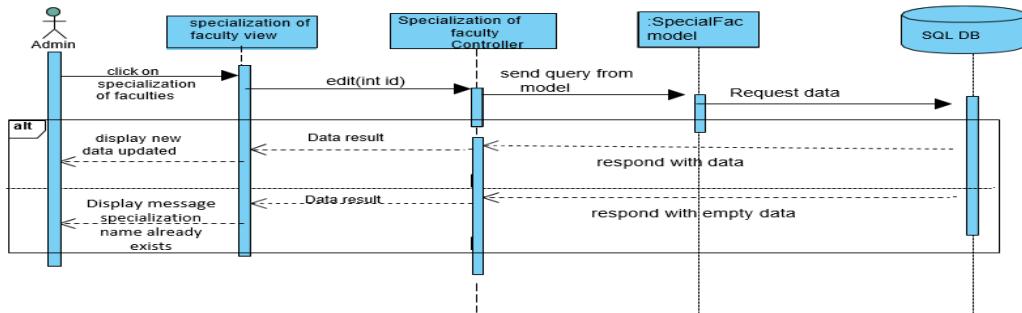


Figure 175: Update specialization faculty

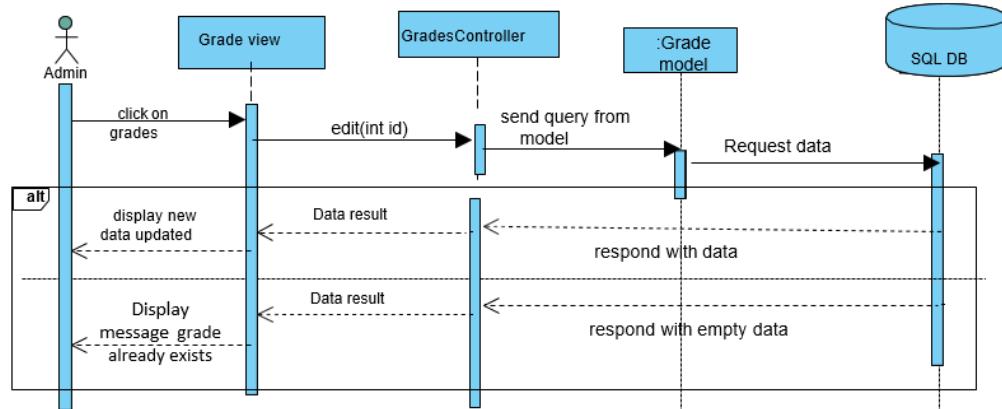


Figure 176: Update grades

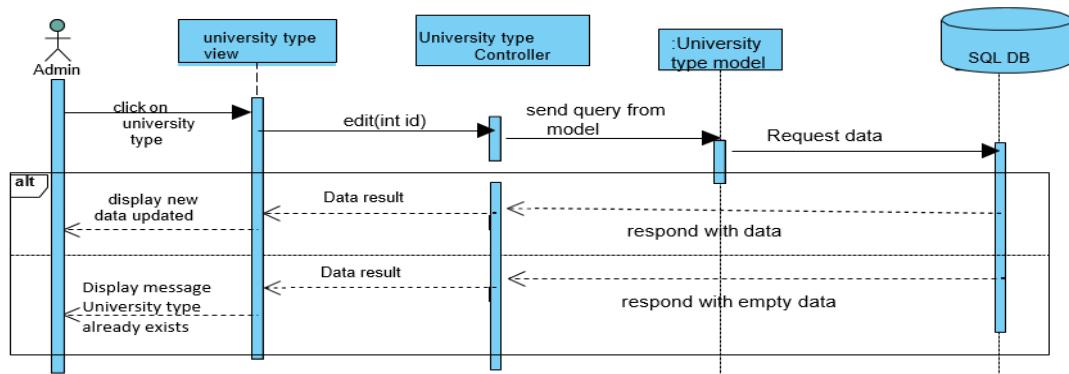


Figure 177: Update university type

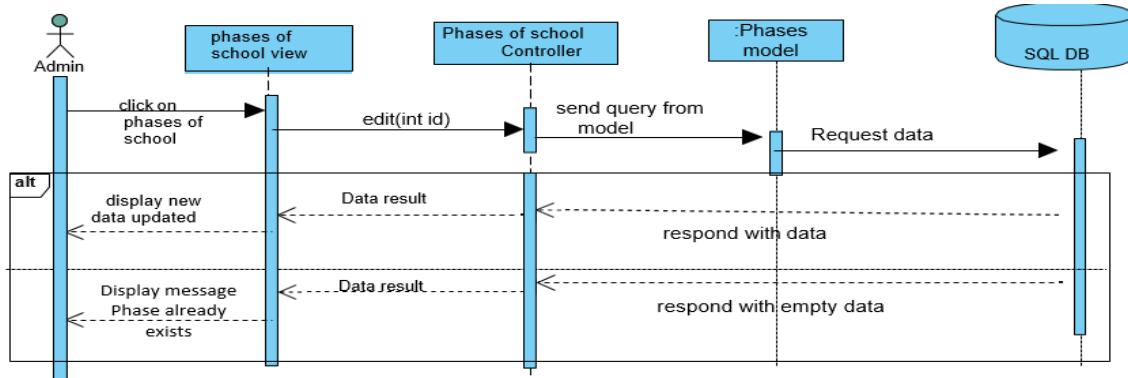


Figure 178: Update phases

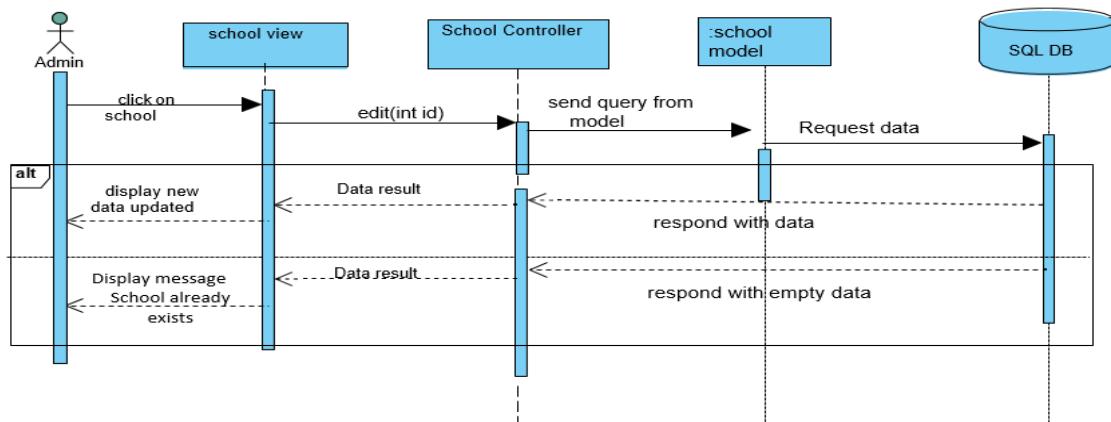


Figure 179: Update School

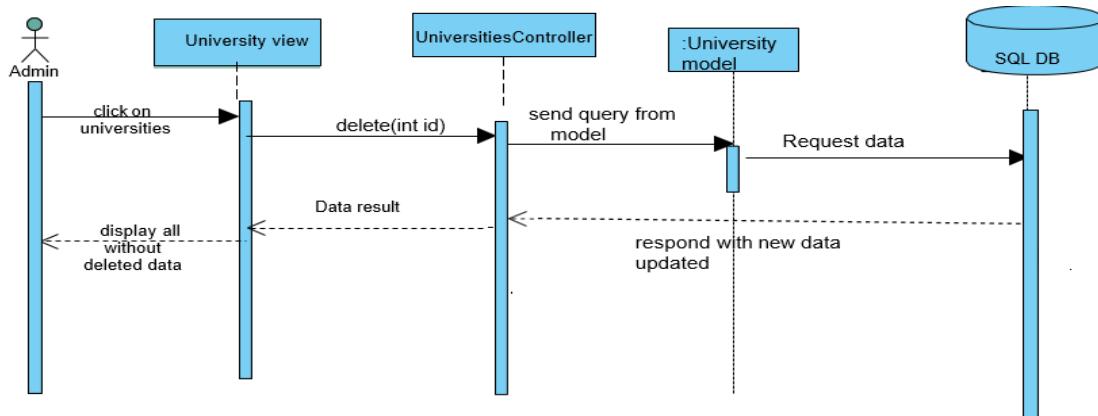


Figure 180: Delete university

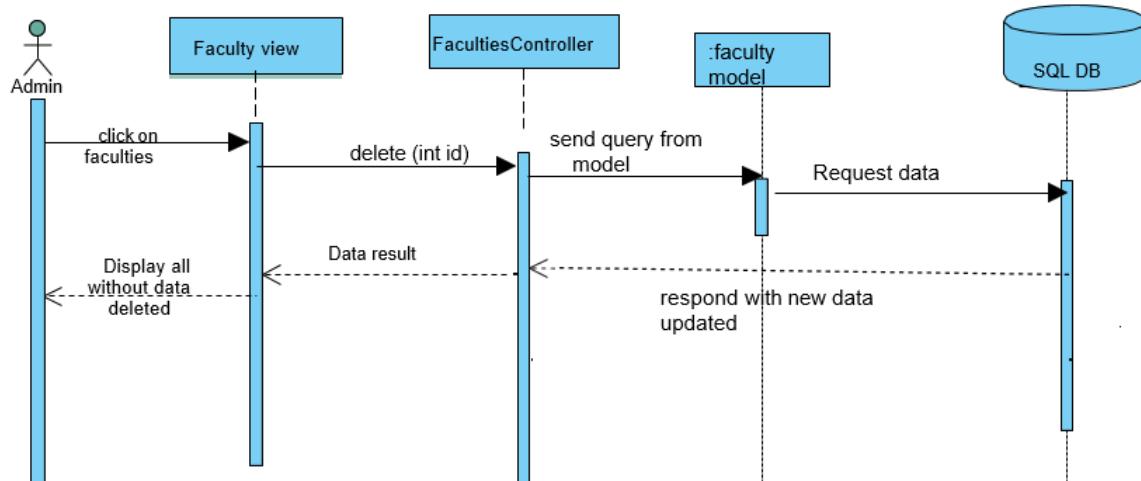


Figure 181: Update faculty

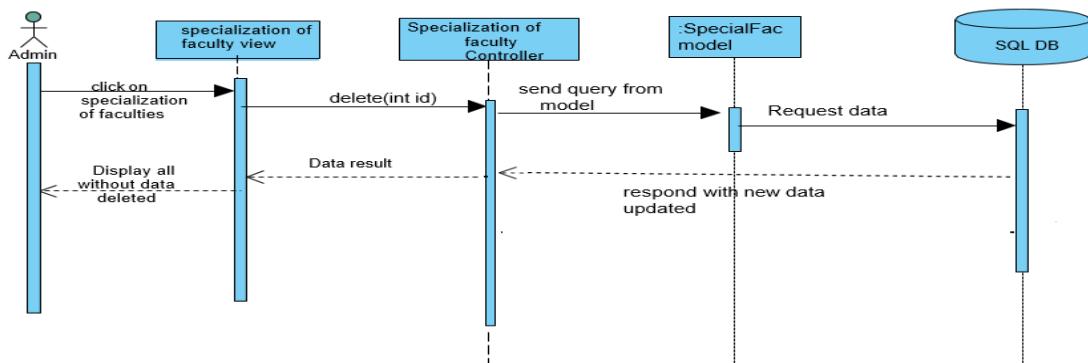


Figure 182: delete specialization of faculty

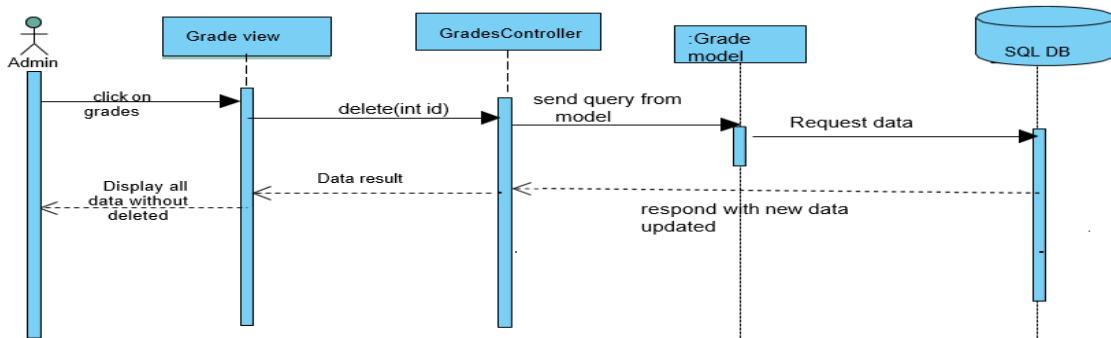


Figure 183: delete grades

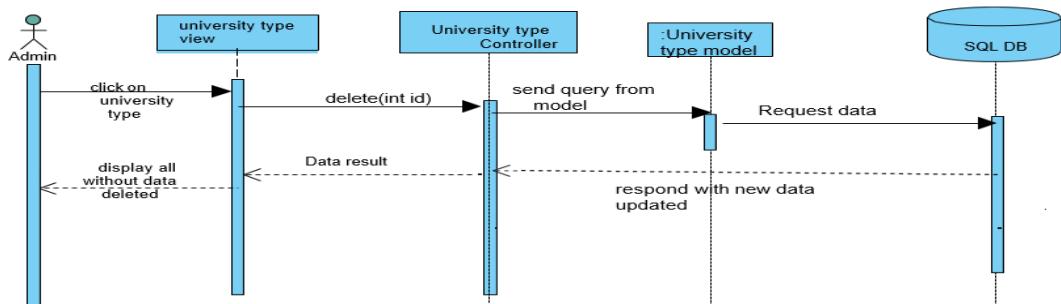


Figure 184: delete university type

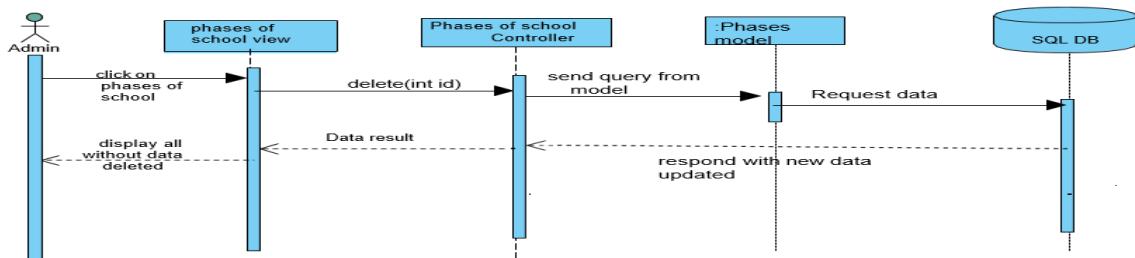


Figure 185: create phases of school

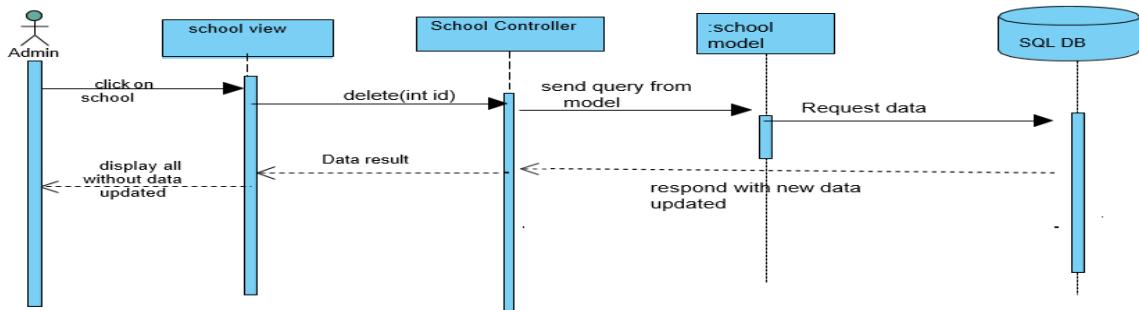


Figure 186: delete school

4.4.2.3 ministry of health

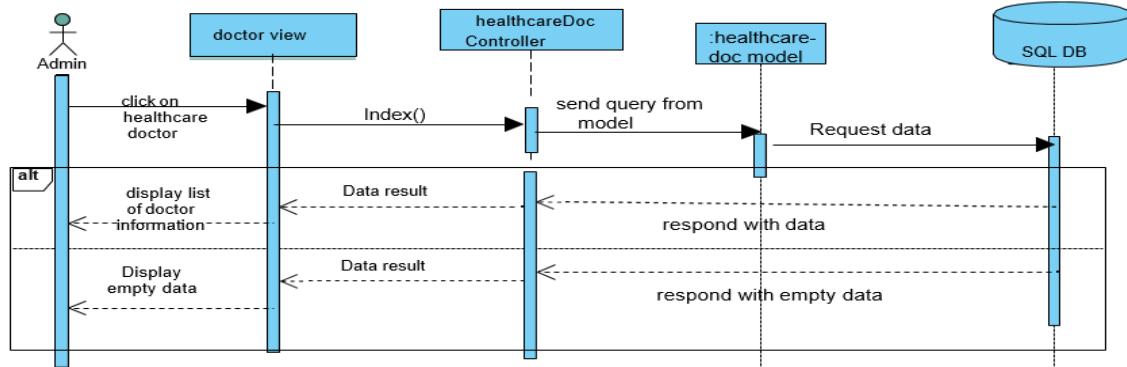


Figure 187: show healthcare

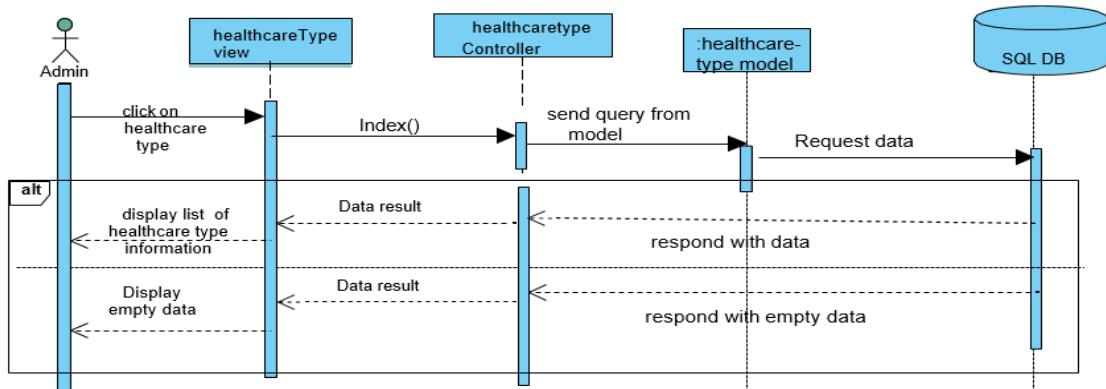


Figure 188: show healthcare type

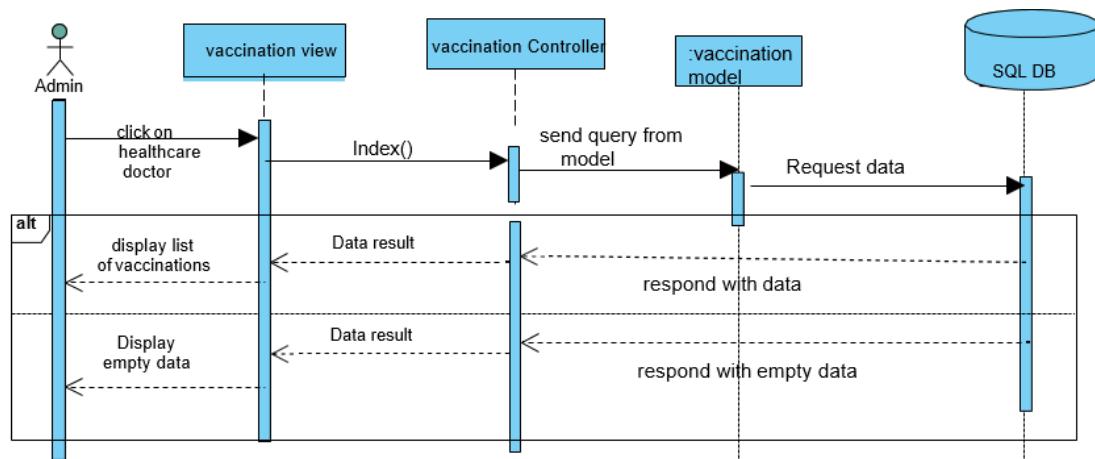


Figure 189: show vaccination

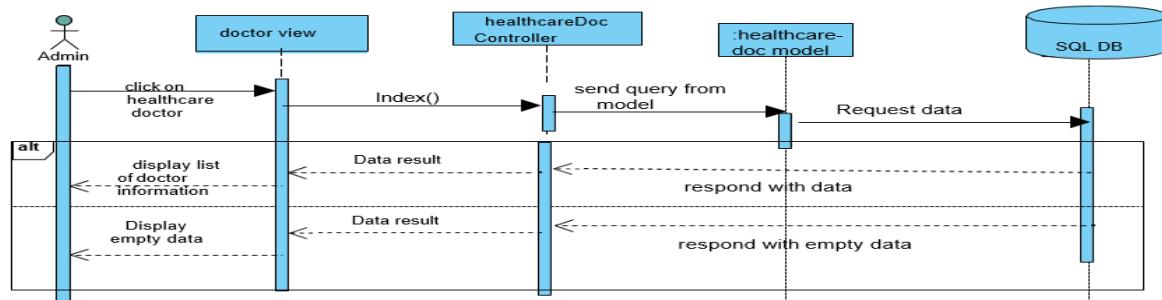


Figure 190: show healthcare

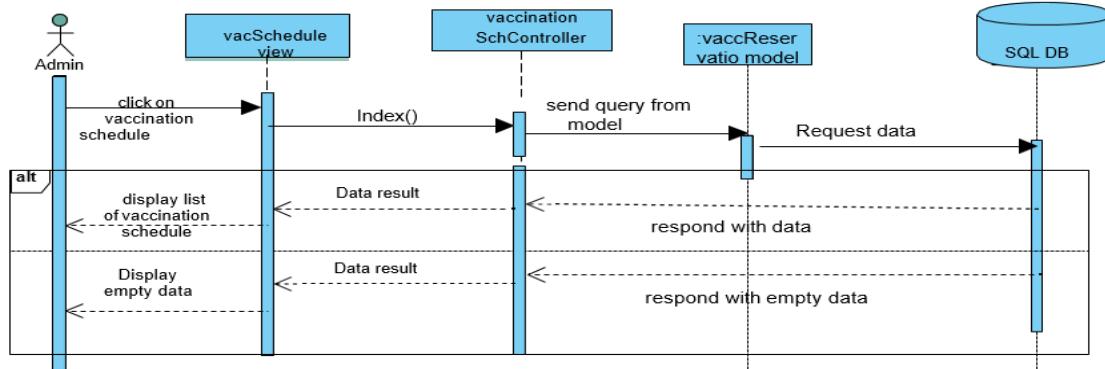


Figure 191: show vaccination schedule

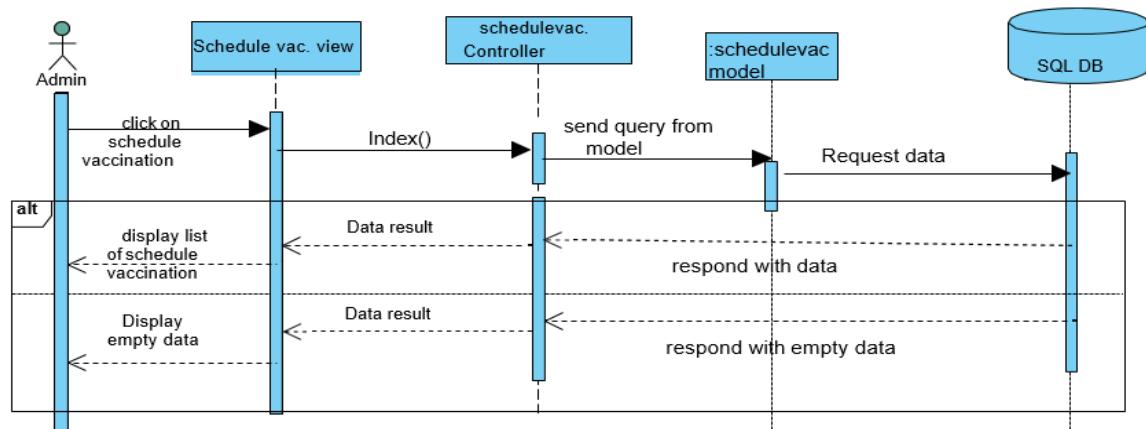


Figure 192: show schedule vaccination

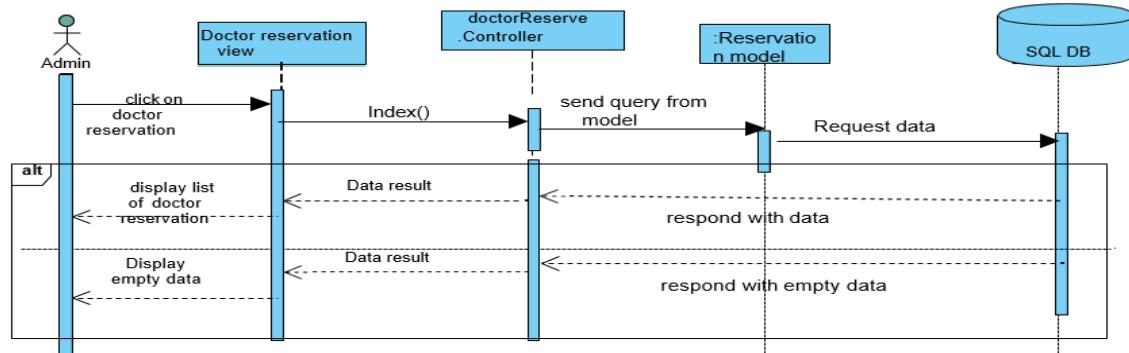


Figure 193: show doctor reservation

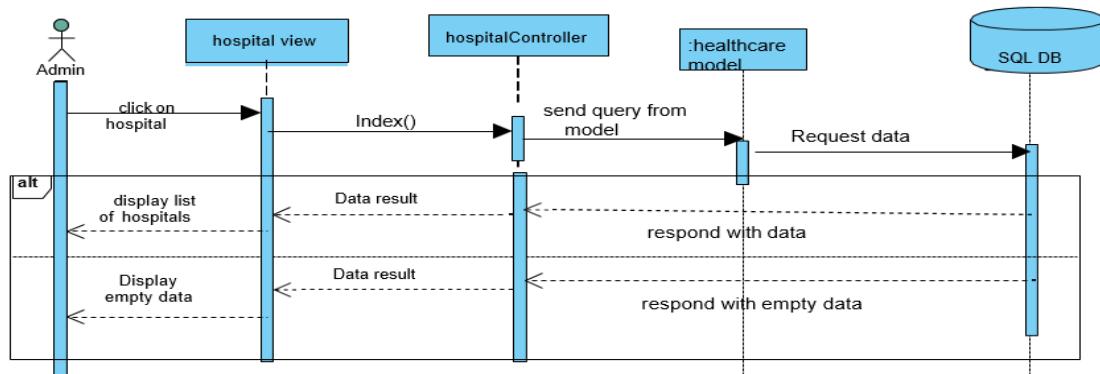


Figure 194: Show Hospital

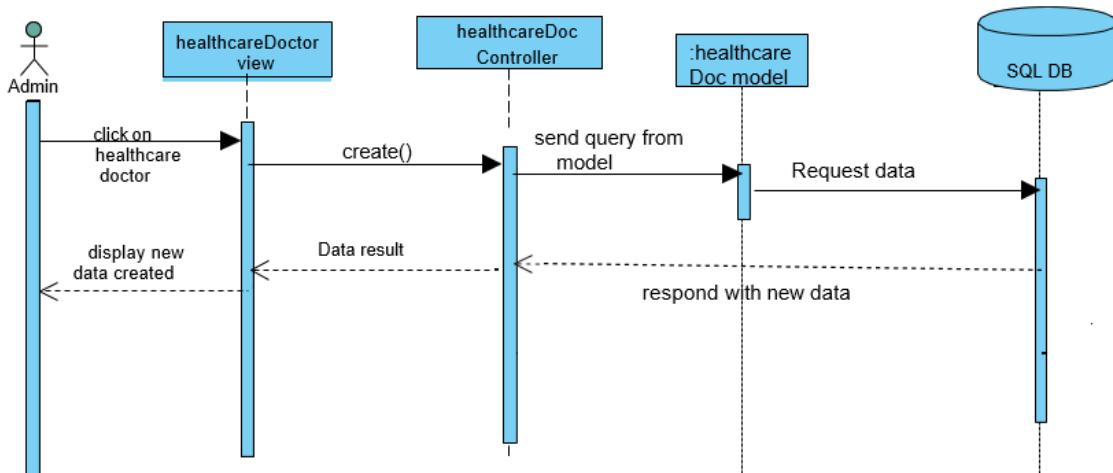


Figure 195: create healthcare

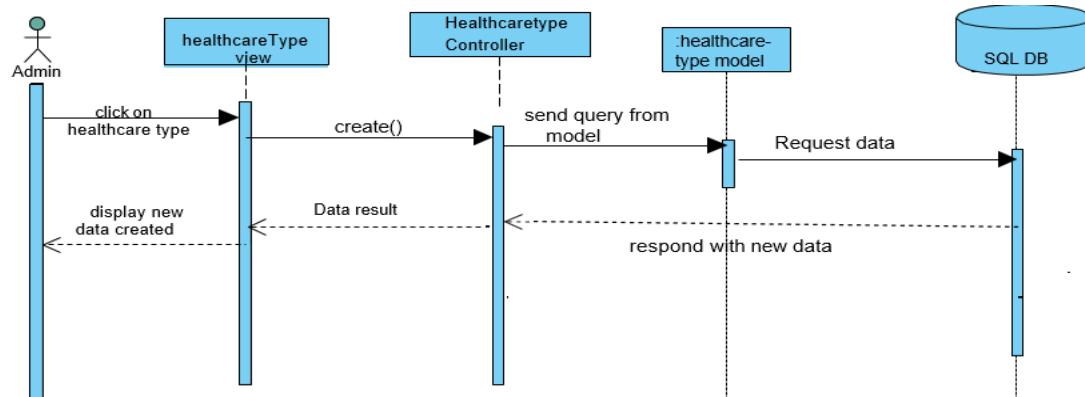


Figure 196: create healthcare type

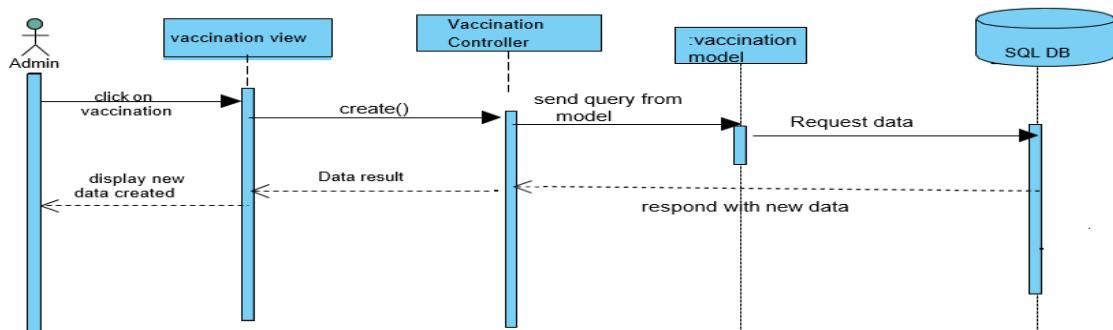


Figure 197: create vaccination

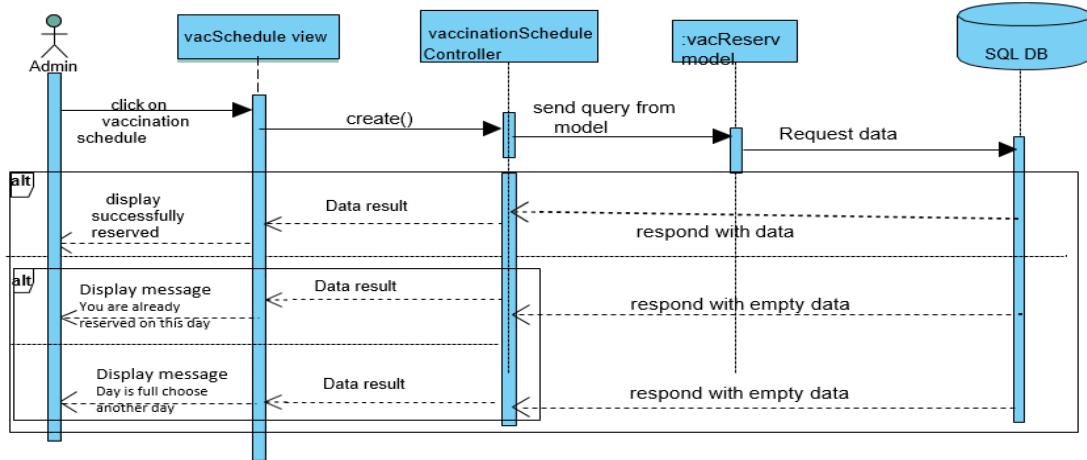


Figure 198: create vaccination schedule

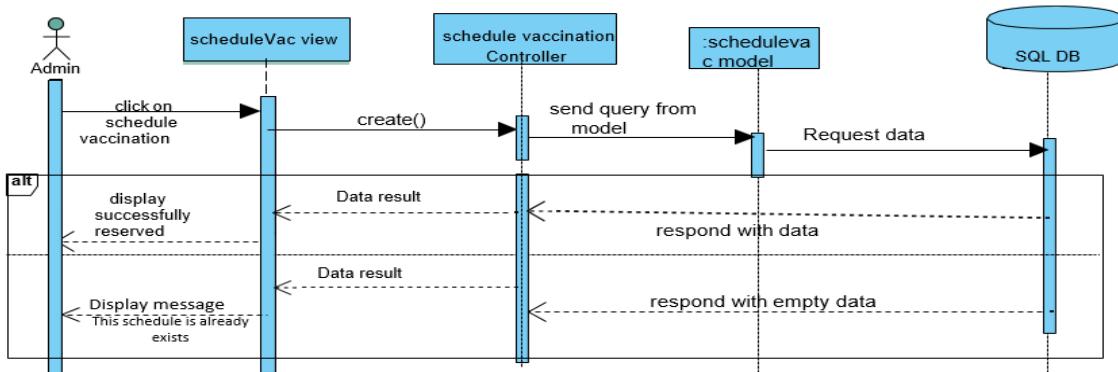


Figure 199: create schedule vaccination

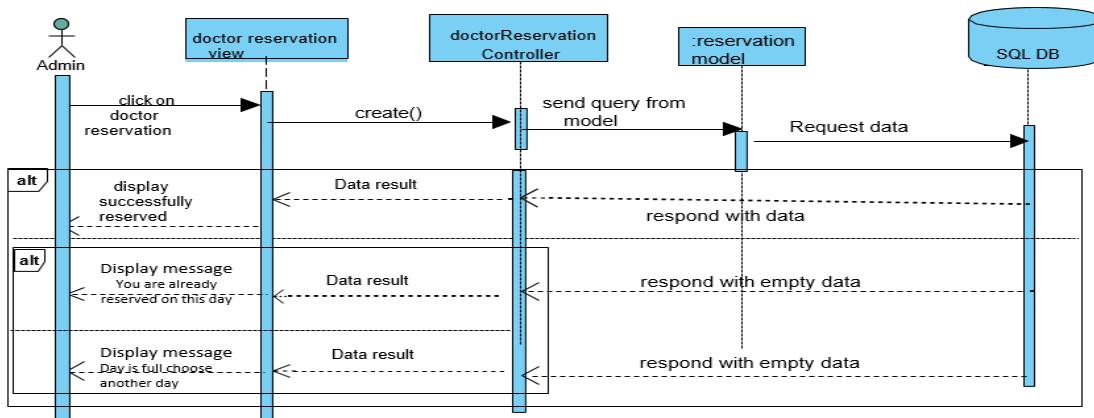


Figure 200: create doctor reservation

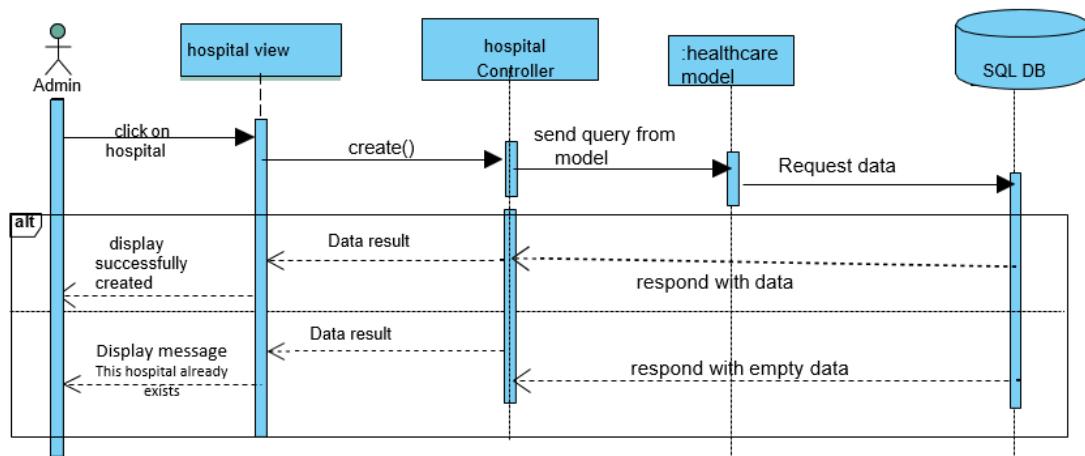


Figure 201: create hospital

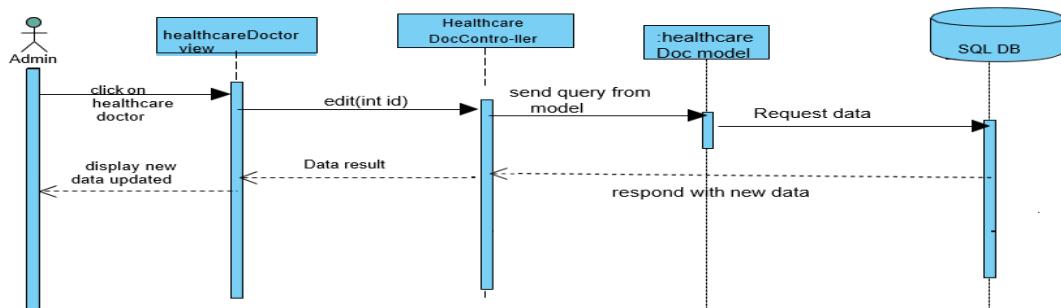


Figure 202: Update healthcare doctor

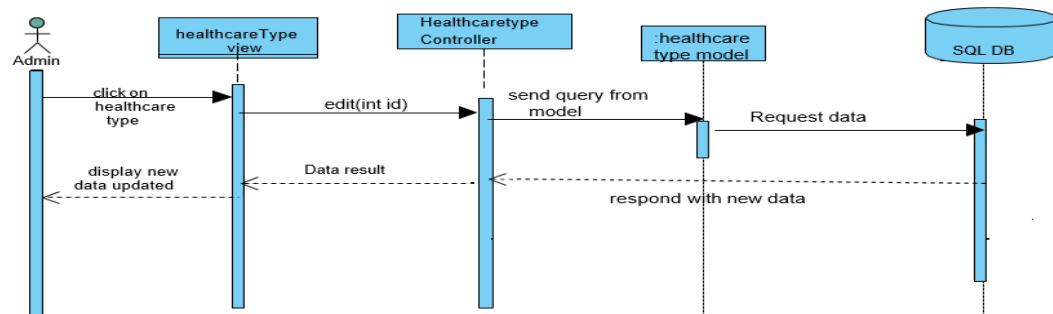


Figure 203: Update healthcare type

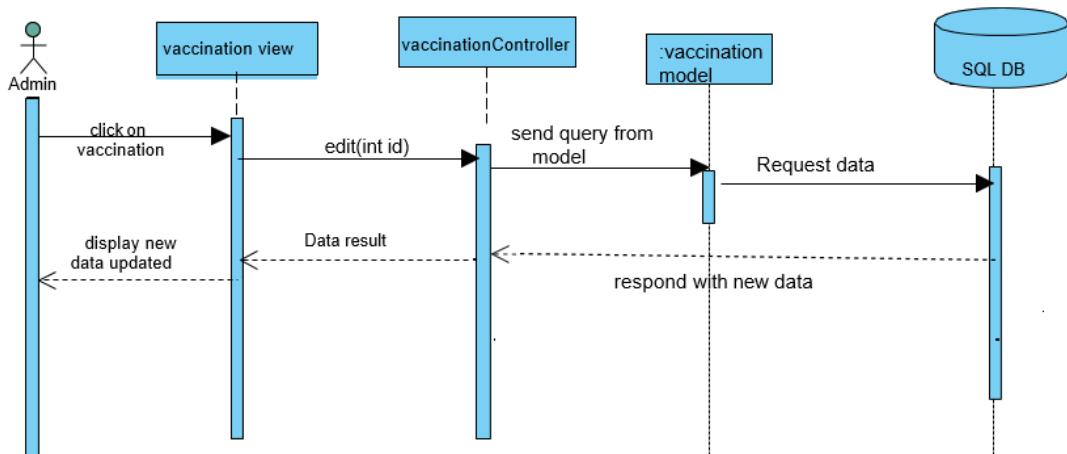


Figure 204: Update vaccination

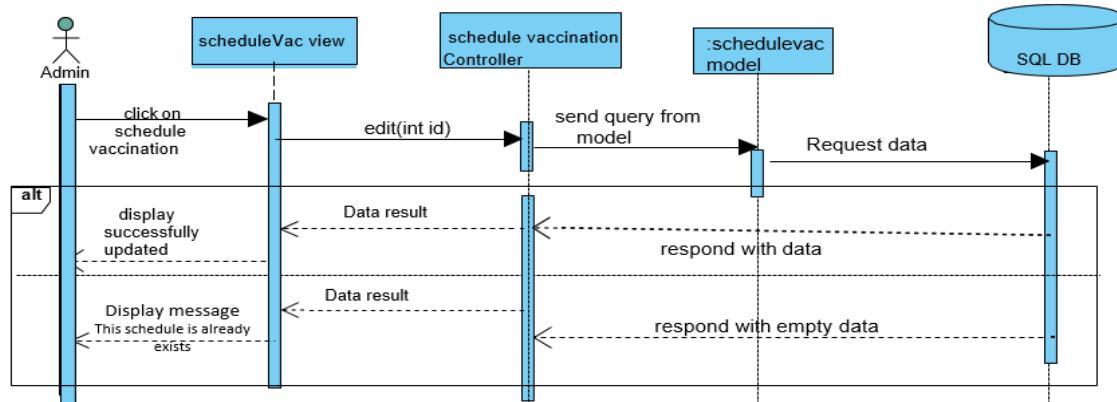


Figure 206: Update schedule vaccination

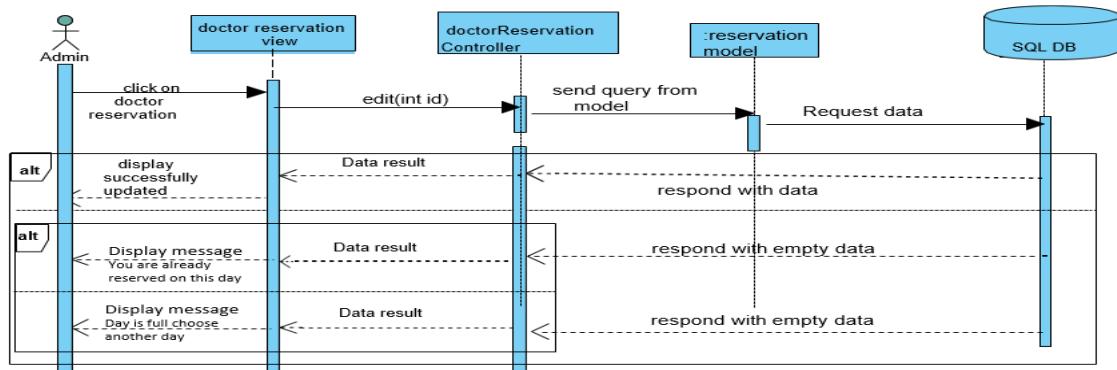


Figure 207: Update doctor reservation

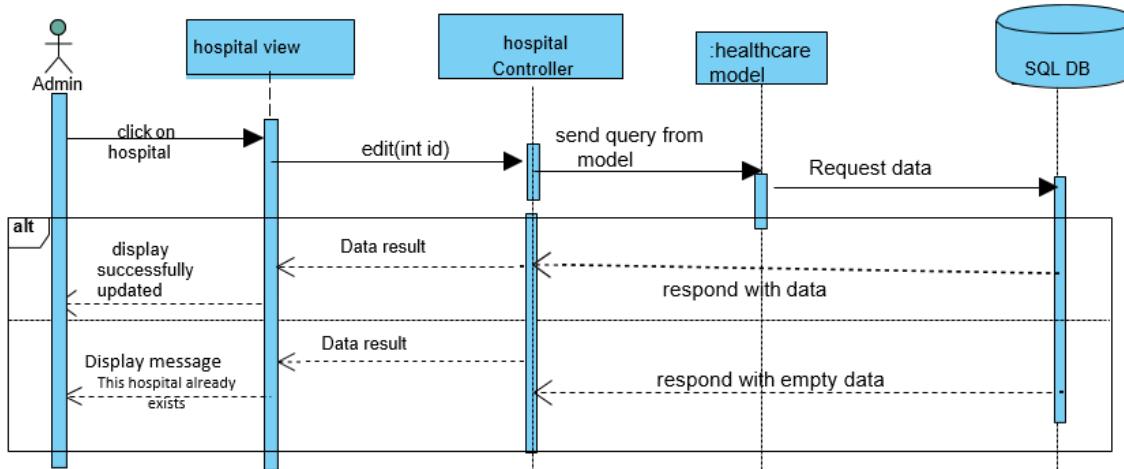


Figure 208: Update hospital

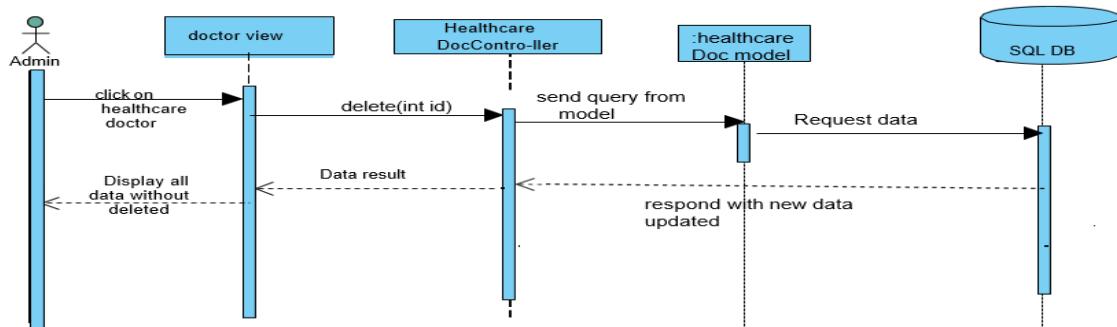


Figure 209: delete doctor

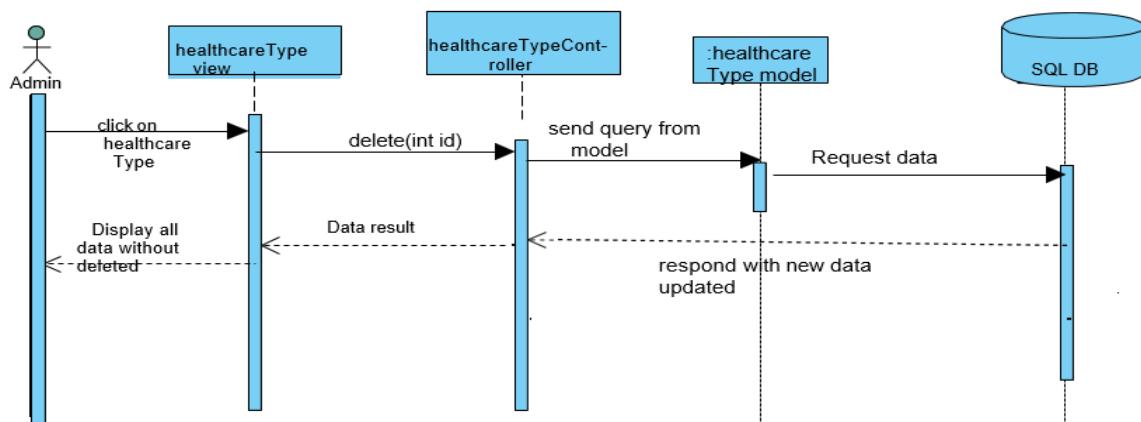


Figure 210: delete healthcare type

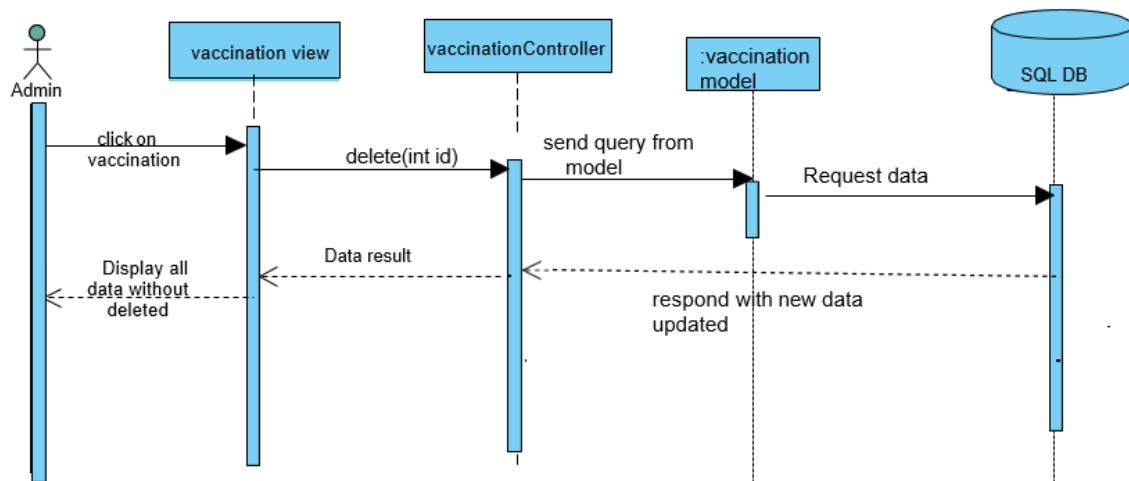


Figure 211: delete vaccination

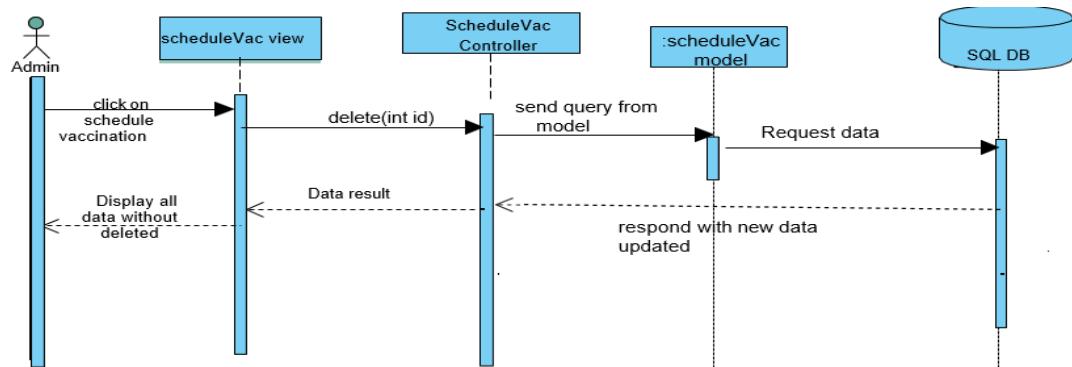


Figure 212: delete schedule vaccination

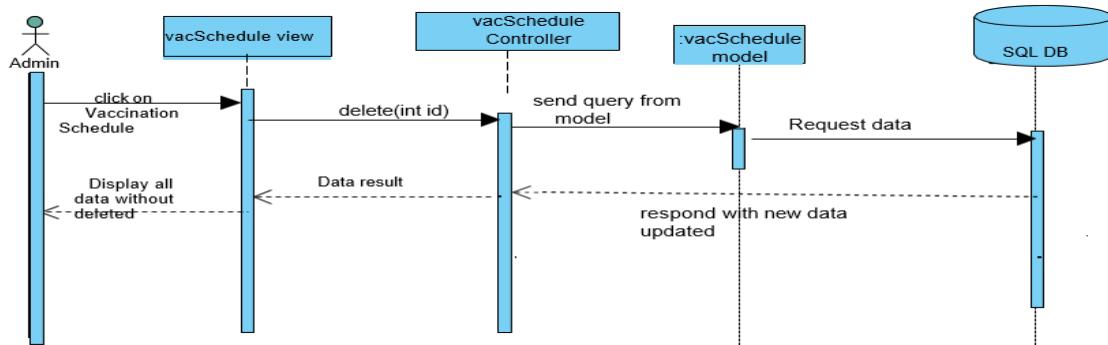


Figure 213: delete vaccination schedule

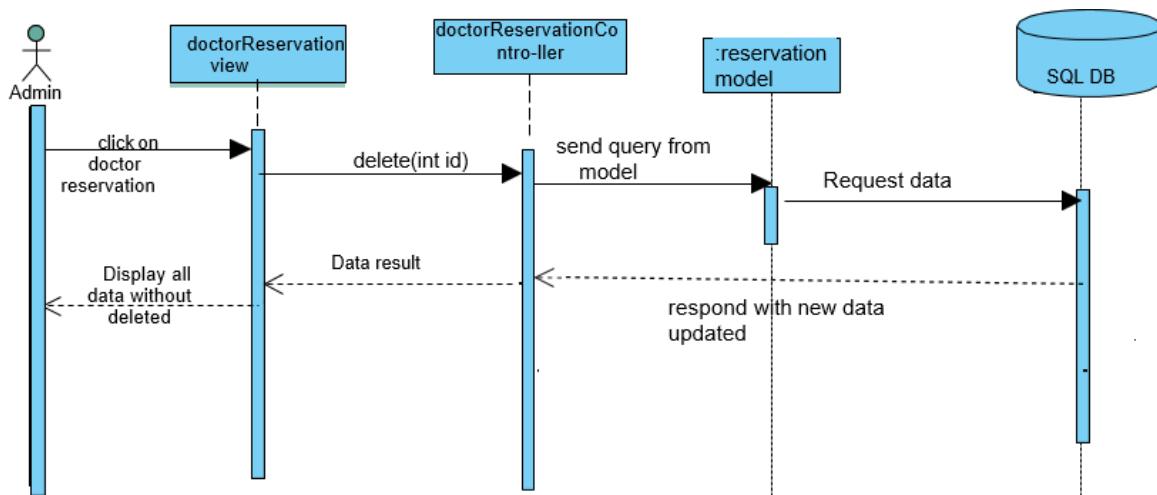


Figure 214: delete doctor reservation

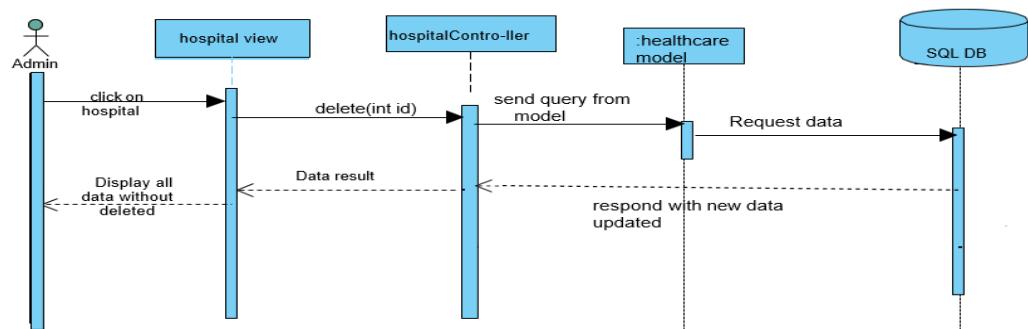


Figure 215: delete hospital

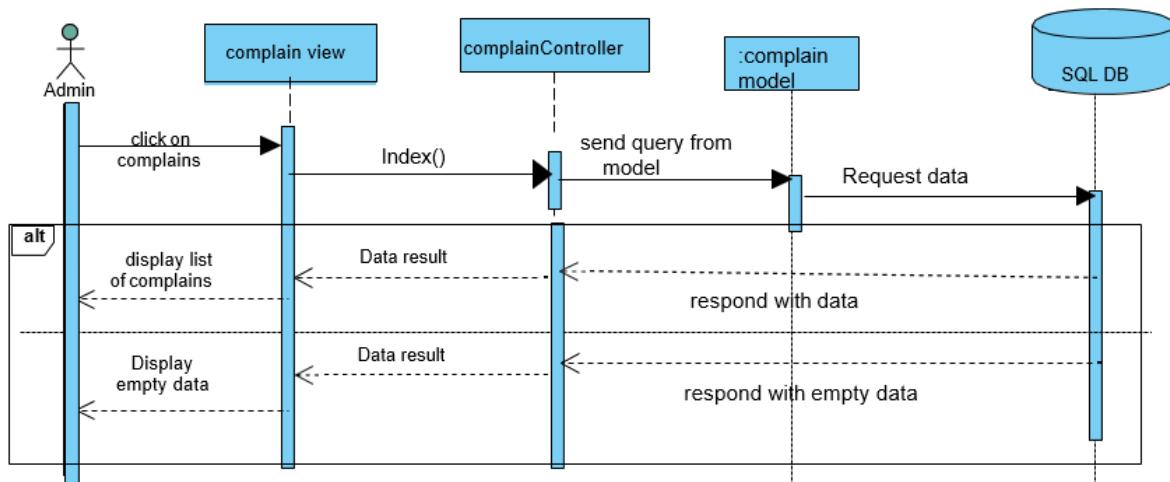


Figure 216: Show Complain

4.4.2.4 Real state registry interest

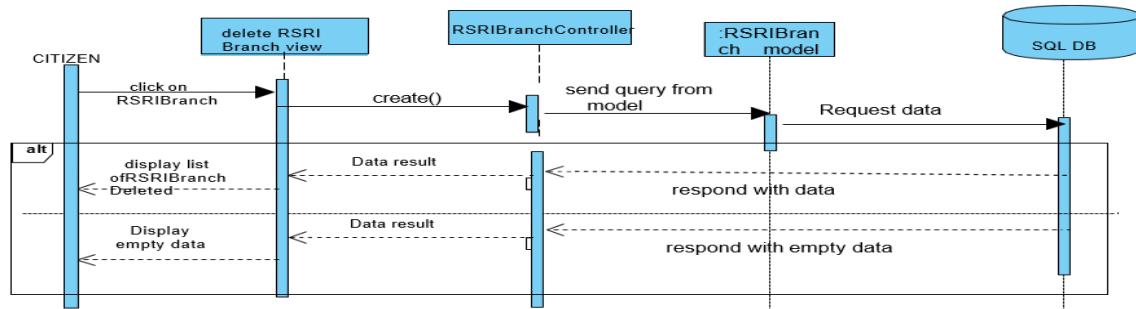


Figure 217: delete RSRI Branch

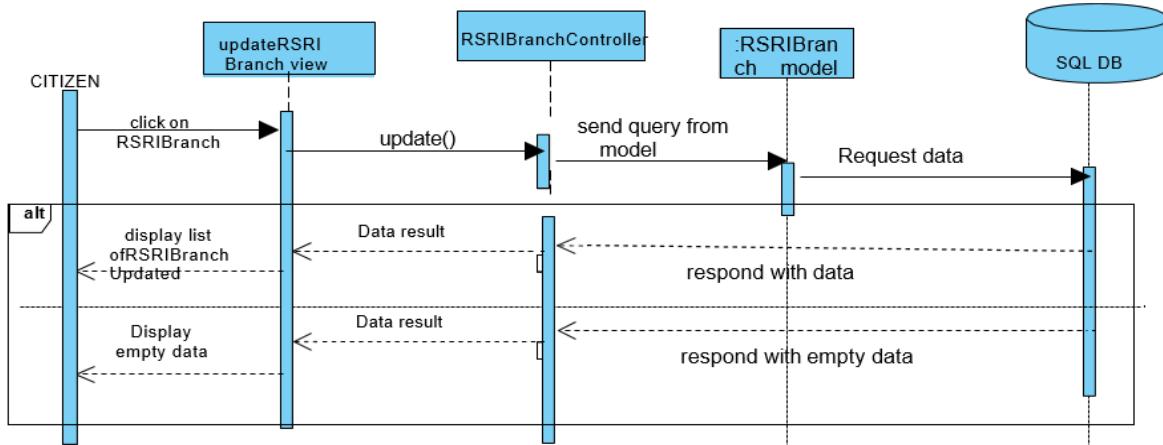


Figure 218: Update RSRI branch

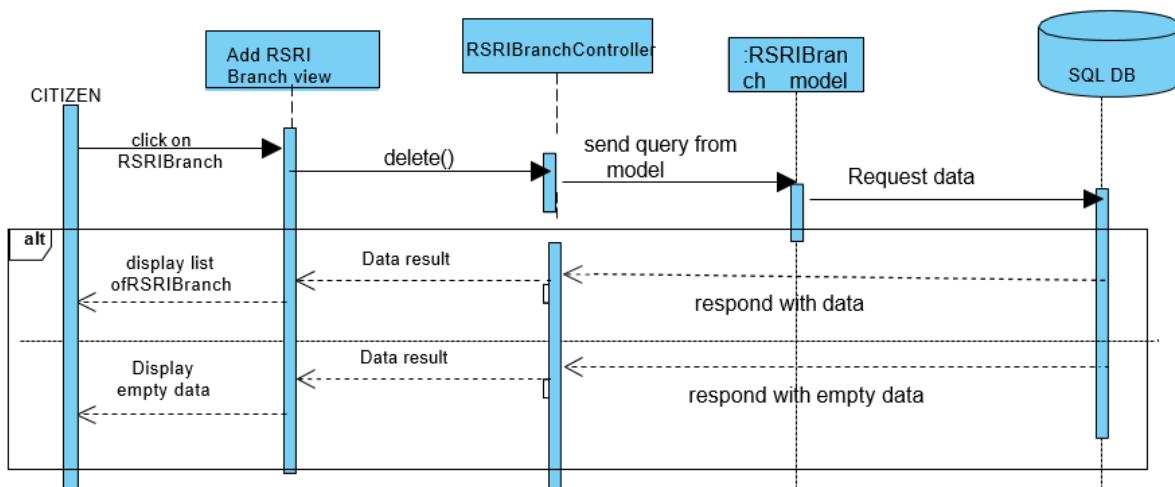


Figure 219: delete RSRI branch



4.4.3 Mobile Application

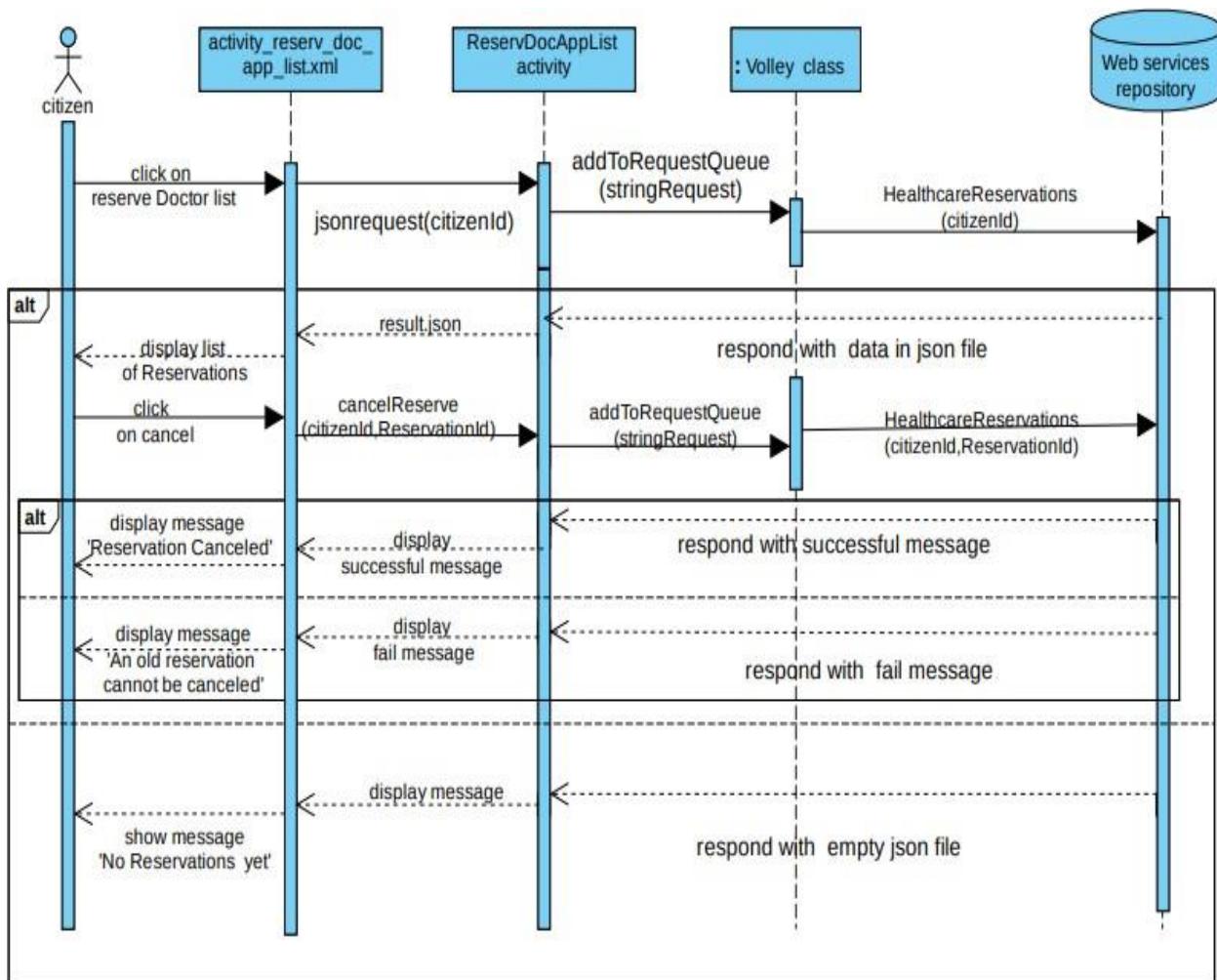


Figure 220: Reserve document

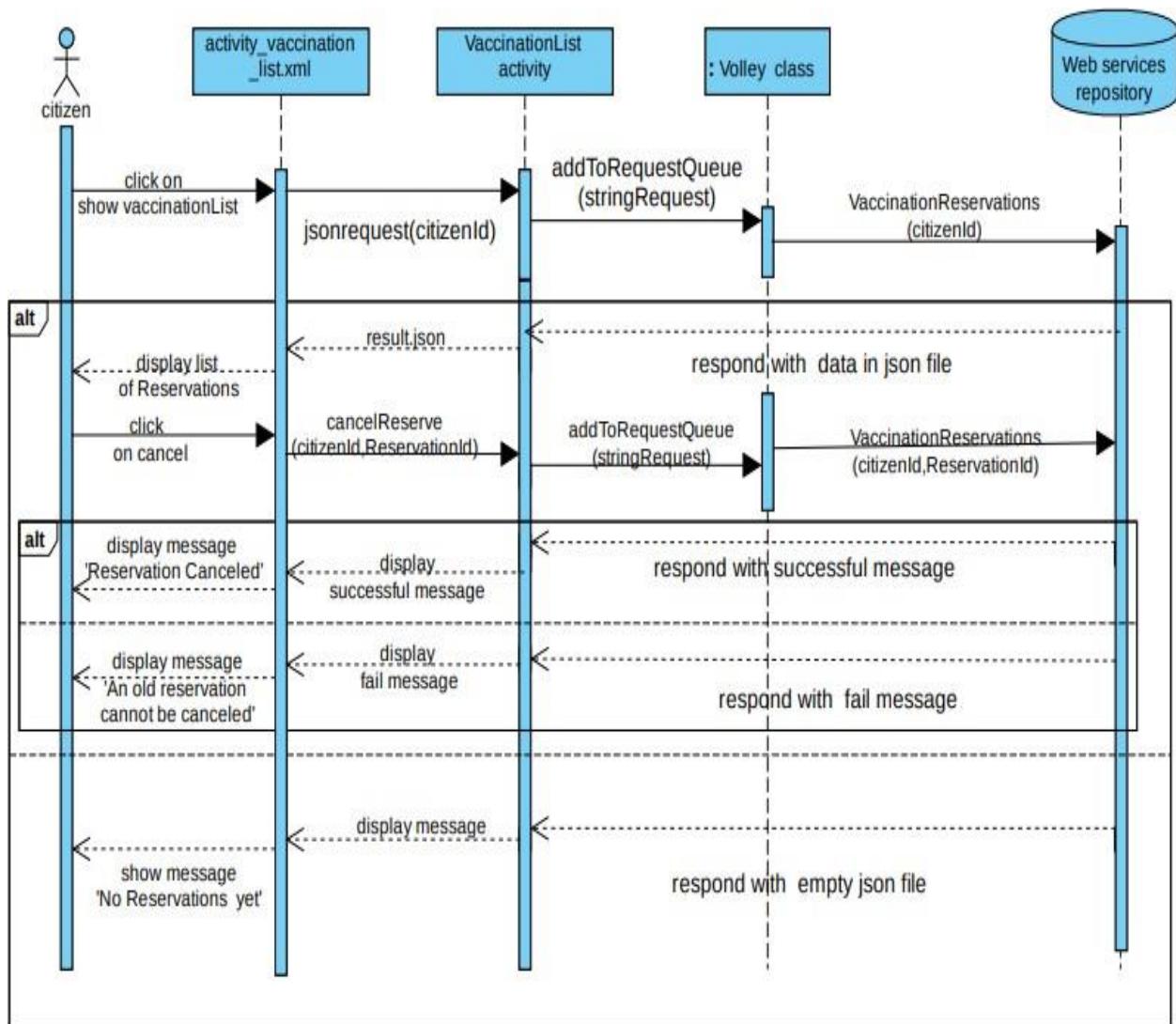


Figure 221: vaccination list

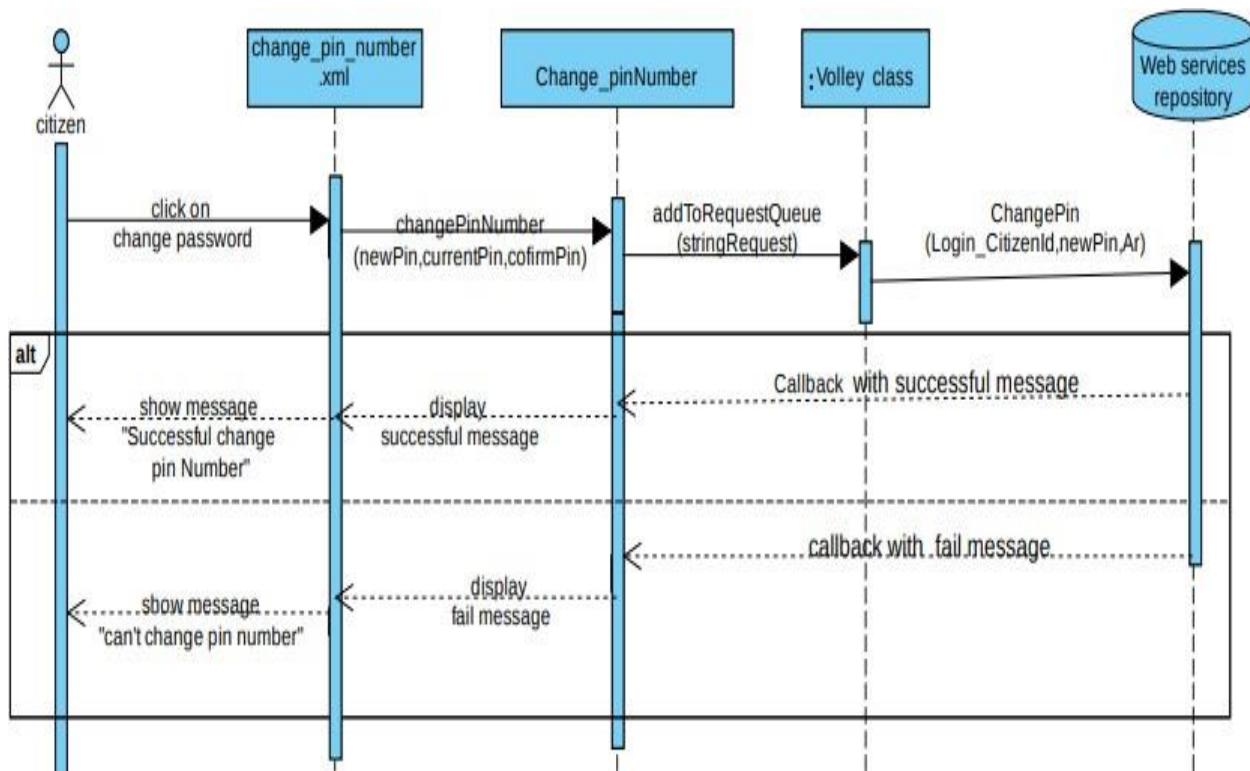


Figure 222: change pin number

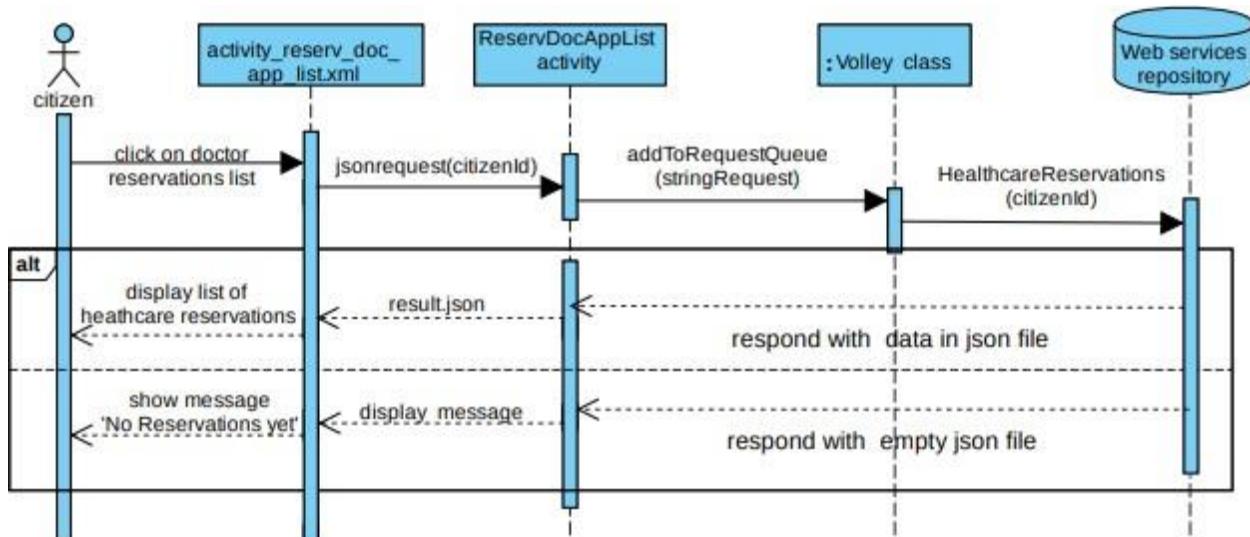


Figure 223: show healthcare reservations

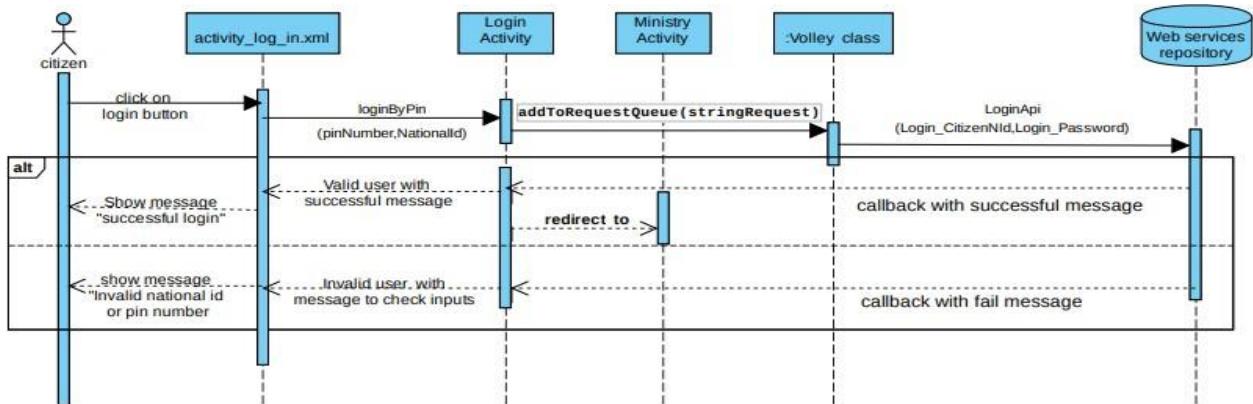


Figure 224: login

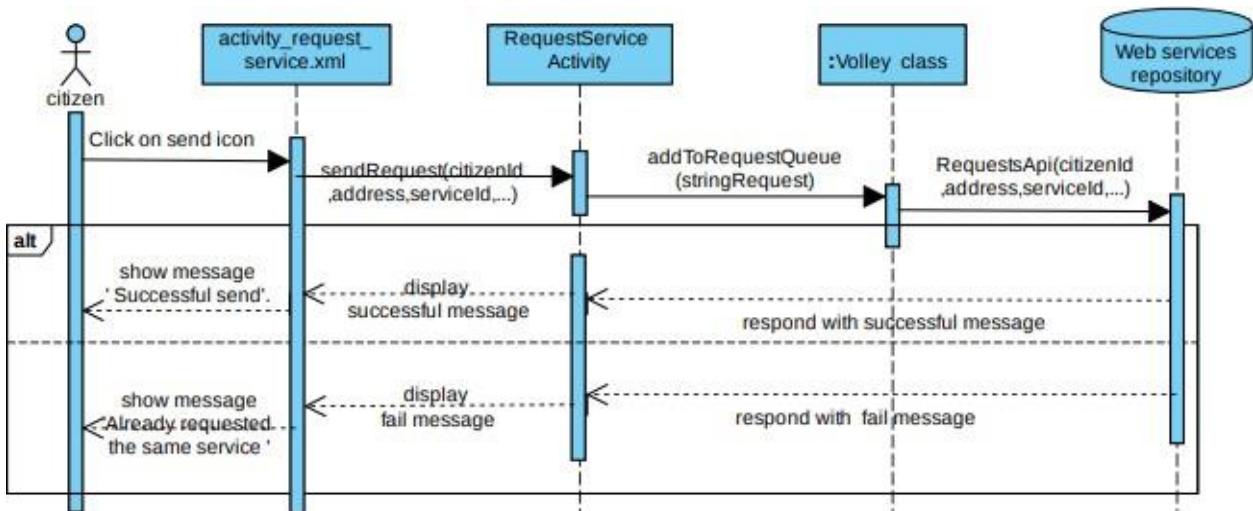


Figure 225: request service

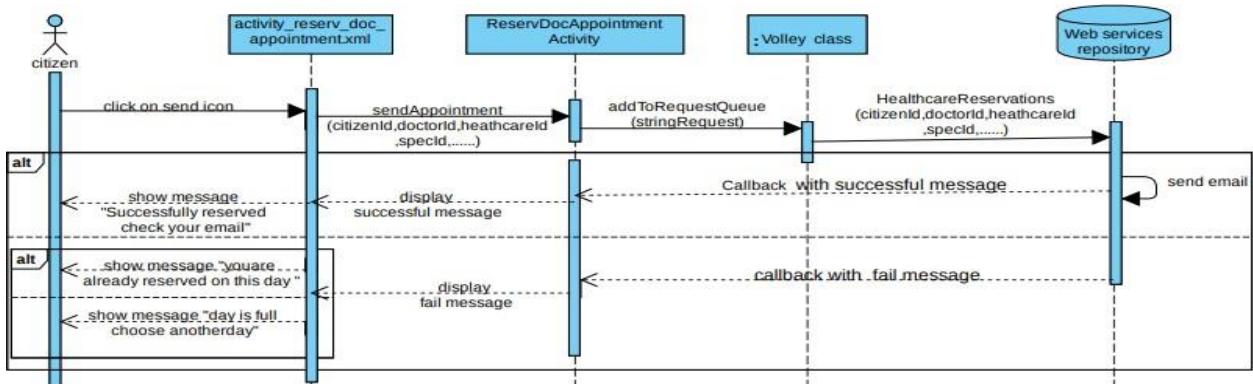


Figure 225: reserve appointment

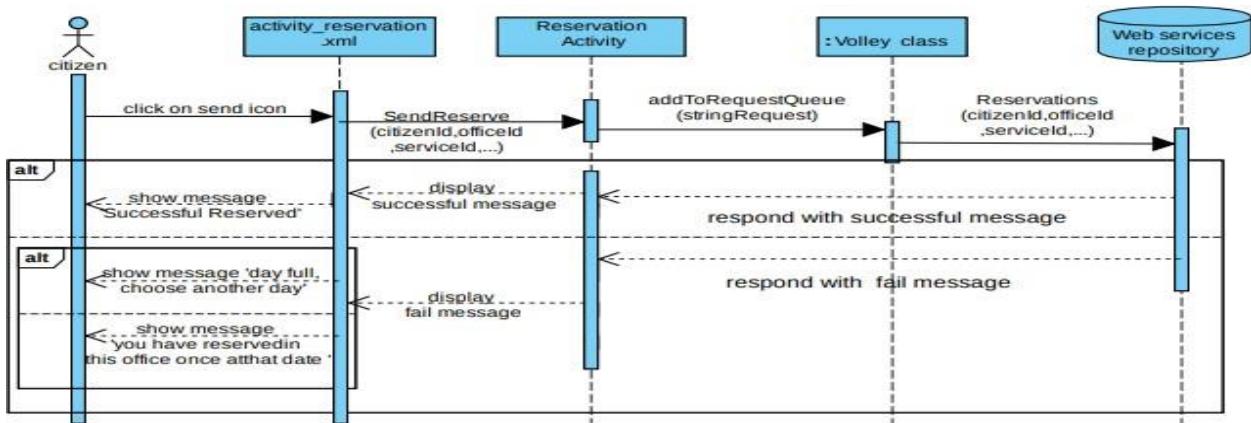


Figure 226: reservation activity

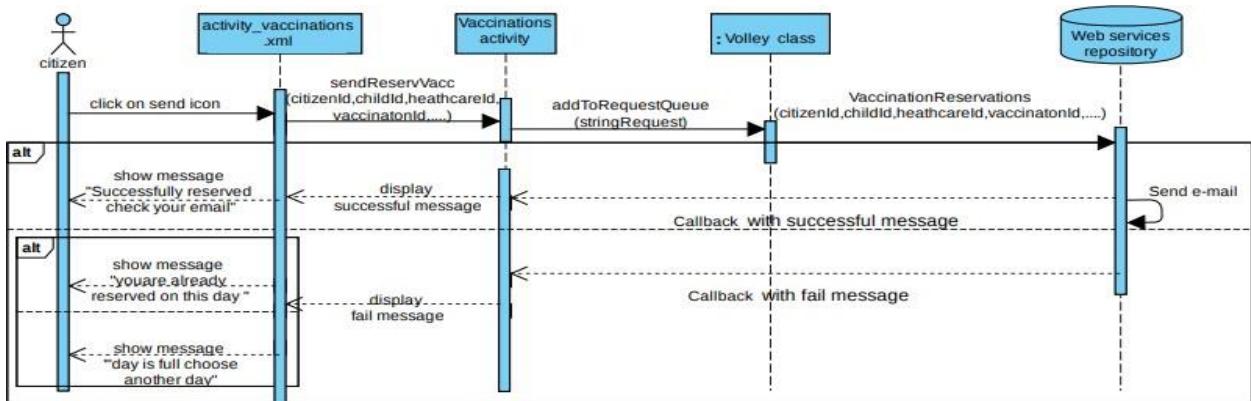


Figure 227: vaccination reservation

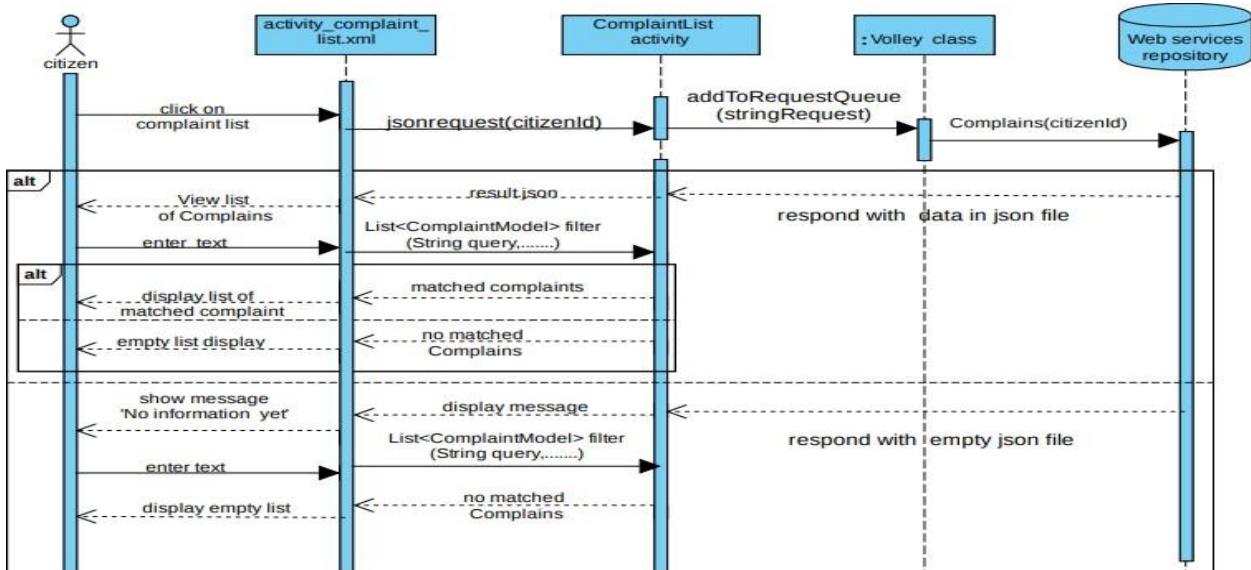


Figure 228: show complaint list

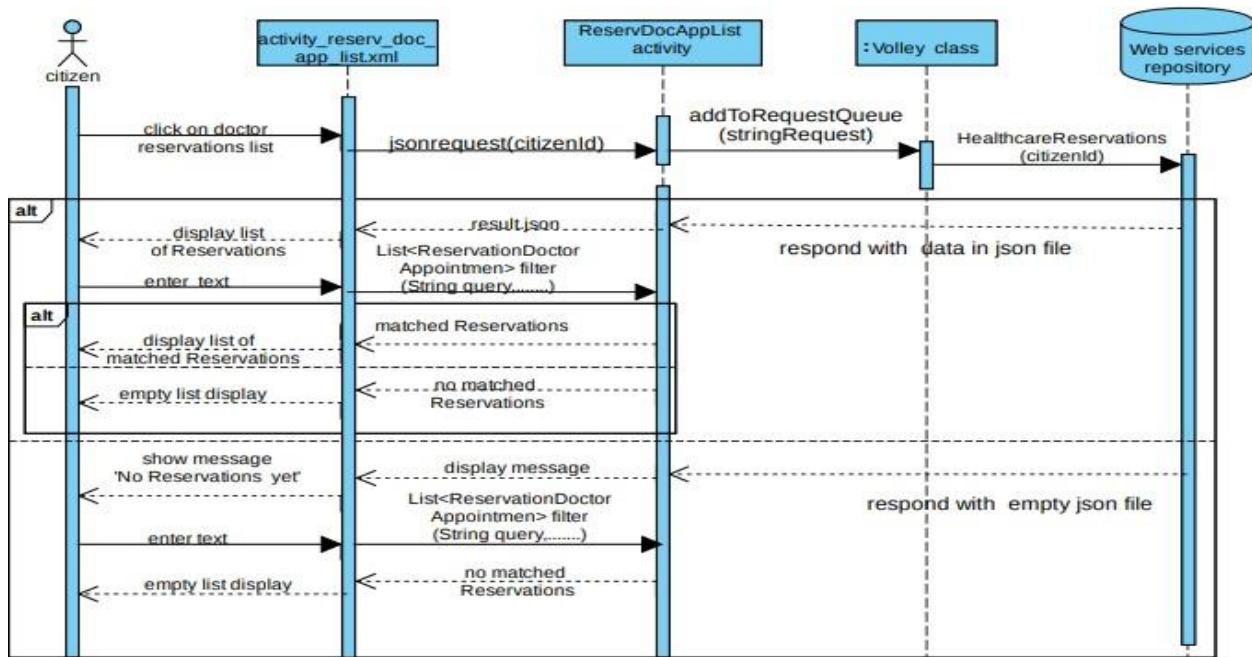


Figure 229: reservations of documents

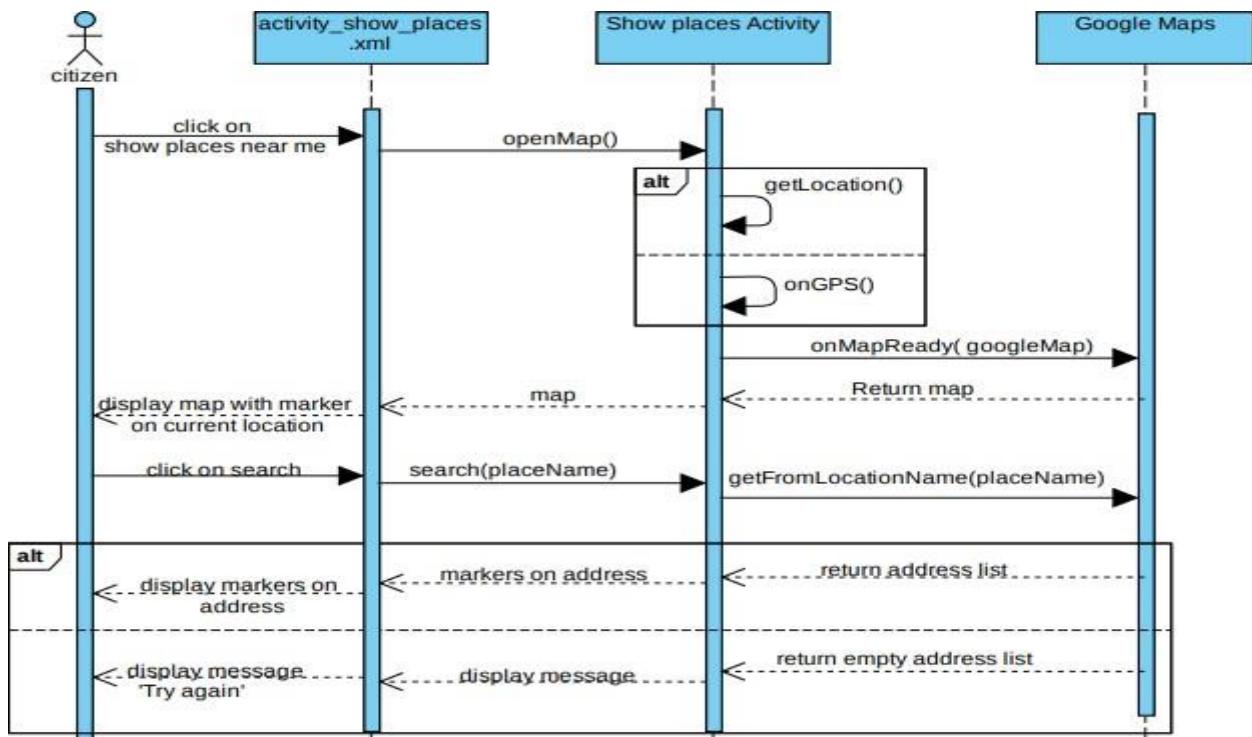


Figure 230: show places activity

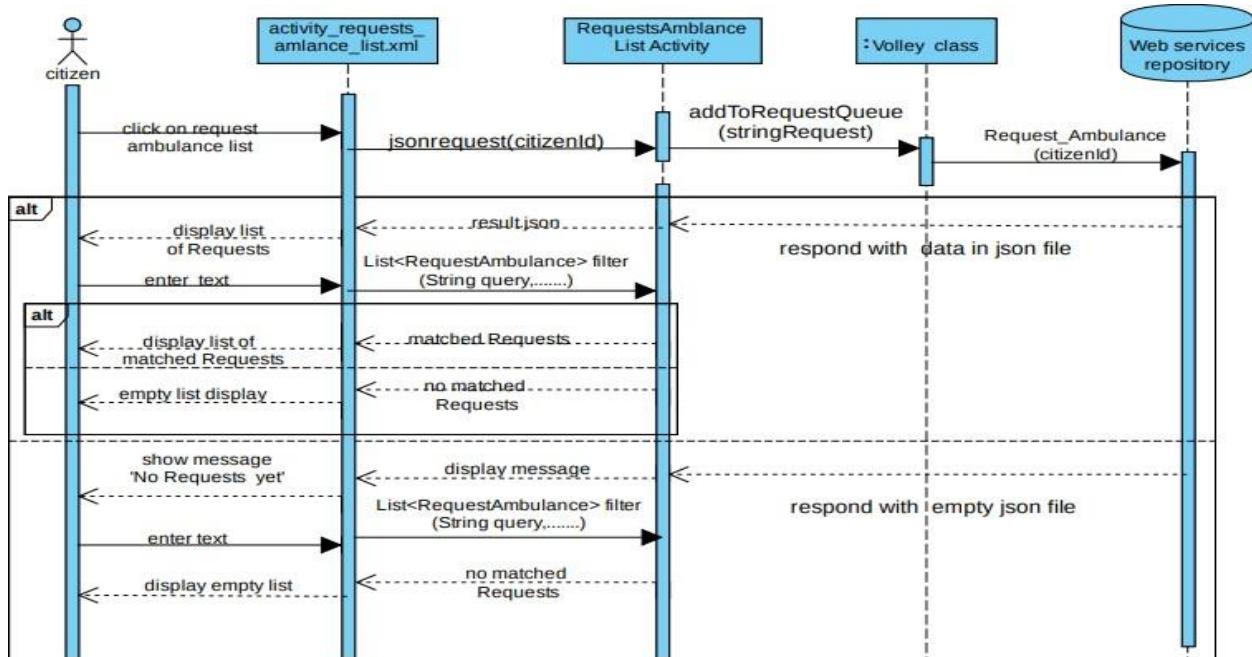


Figure 231: Request ambulance

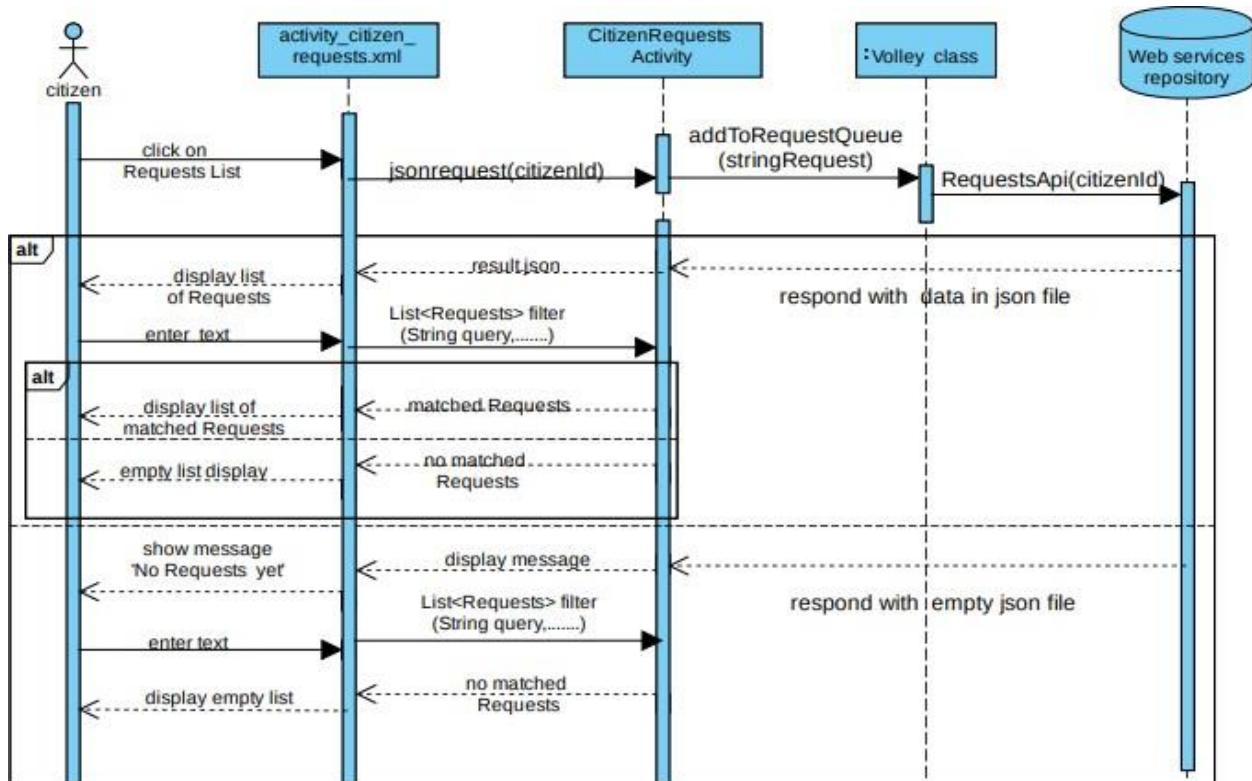


Figure 232: display list of requests

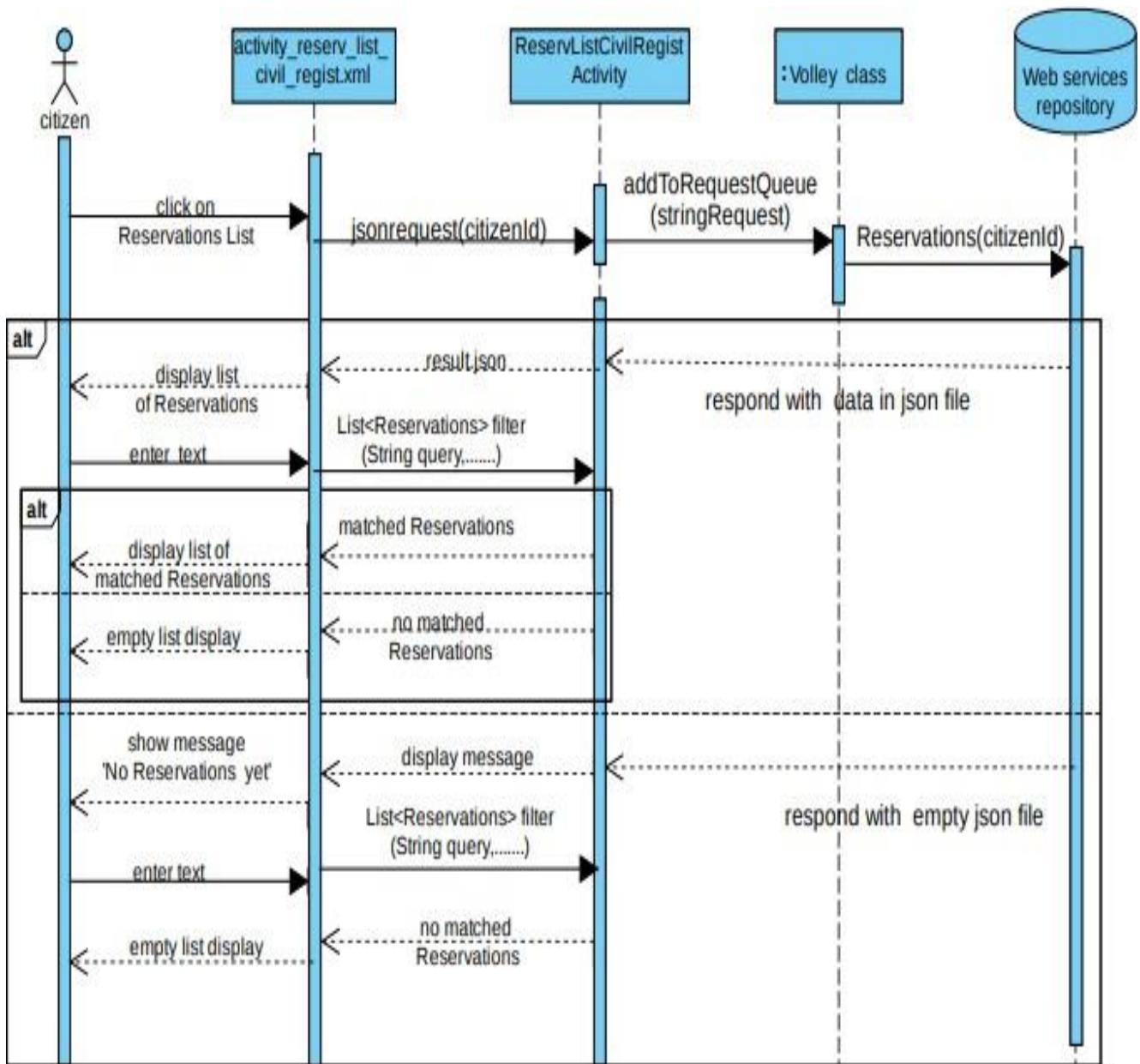


Figure 233: list civil reservation lists

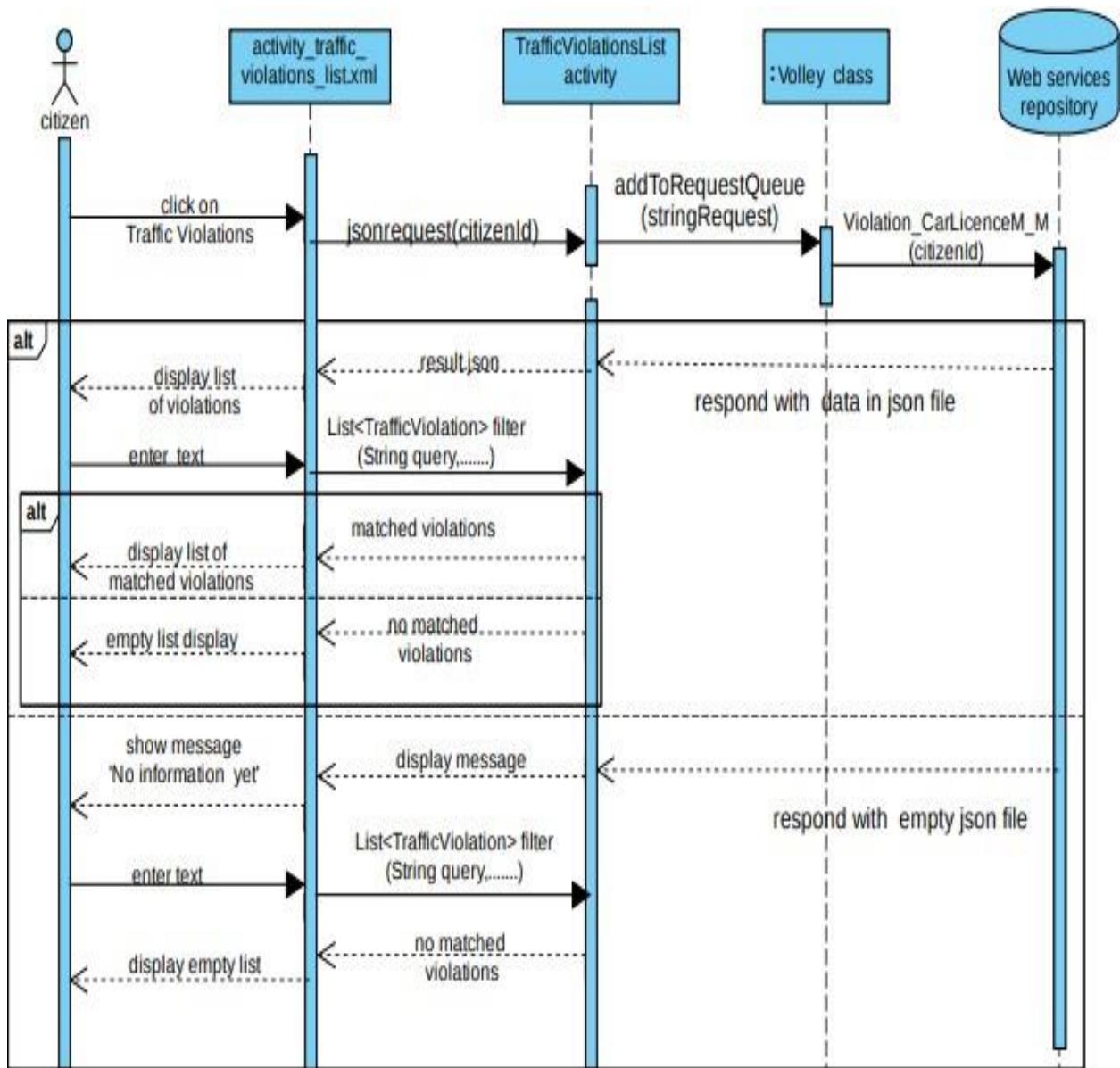


Figure 234: List traffic violations

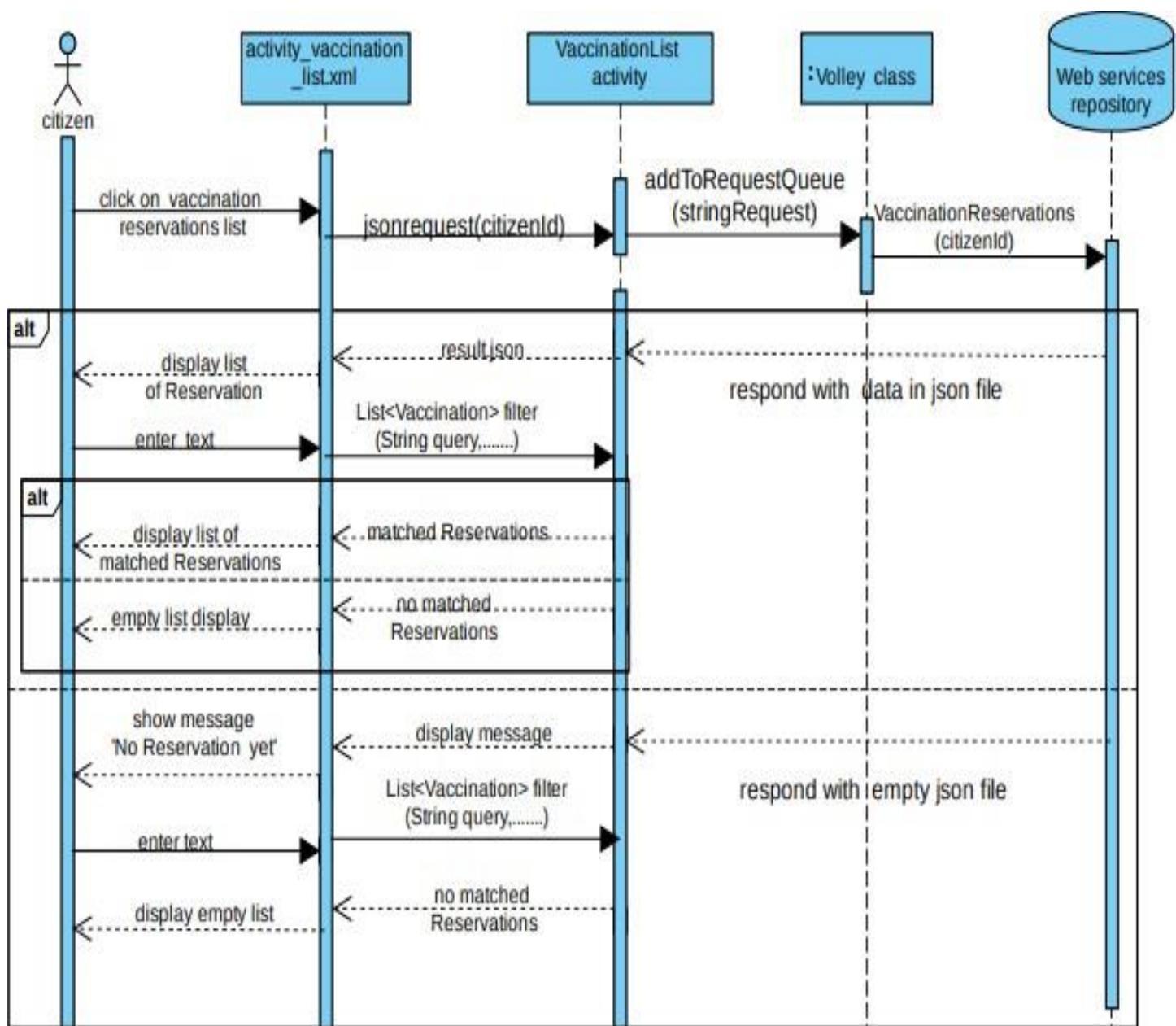


Figure 235: show list of vaccinations

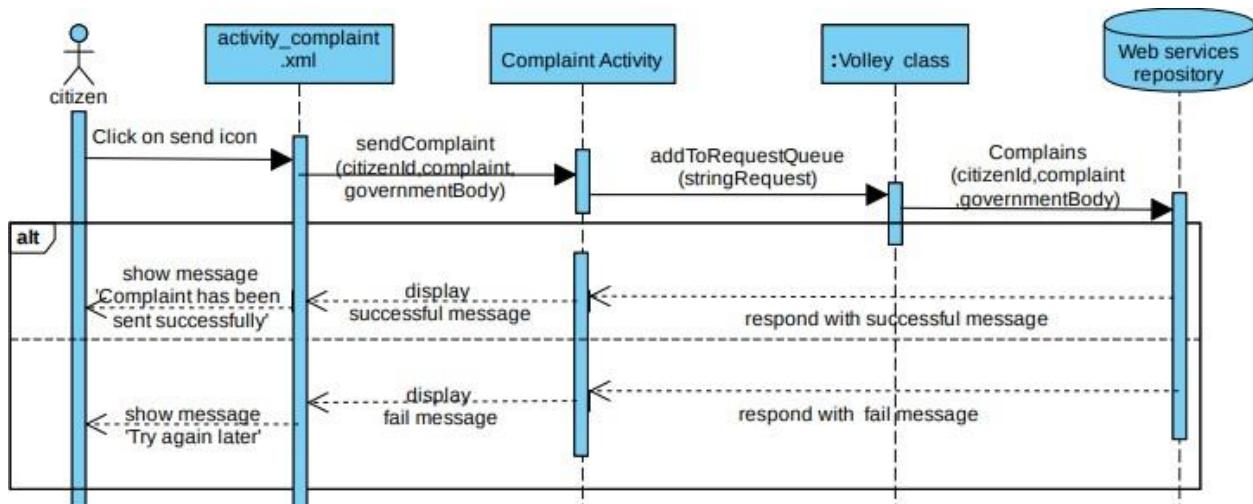


Figure 236: send complain

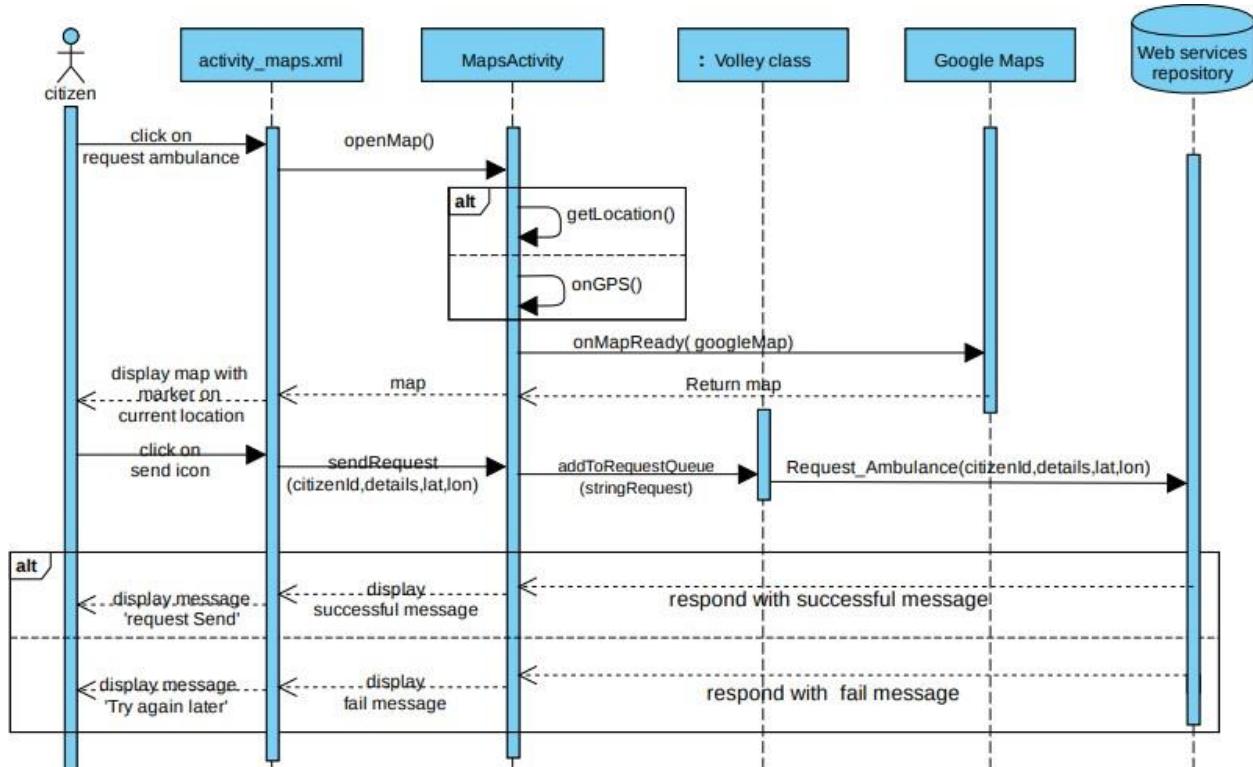


Figure 237: display map

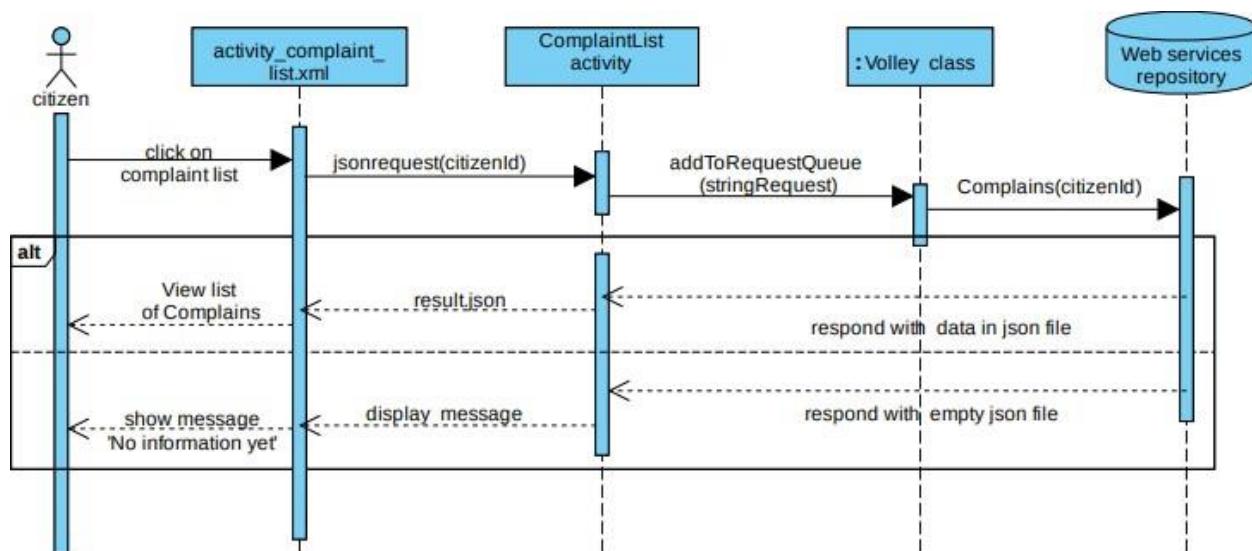


Figure 238: view complaint lists

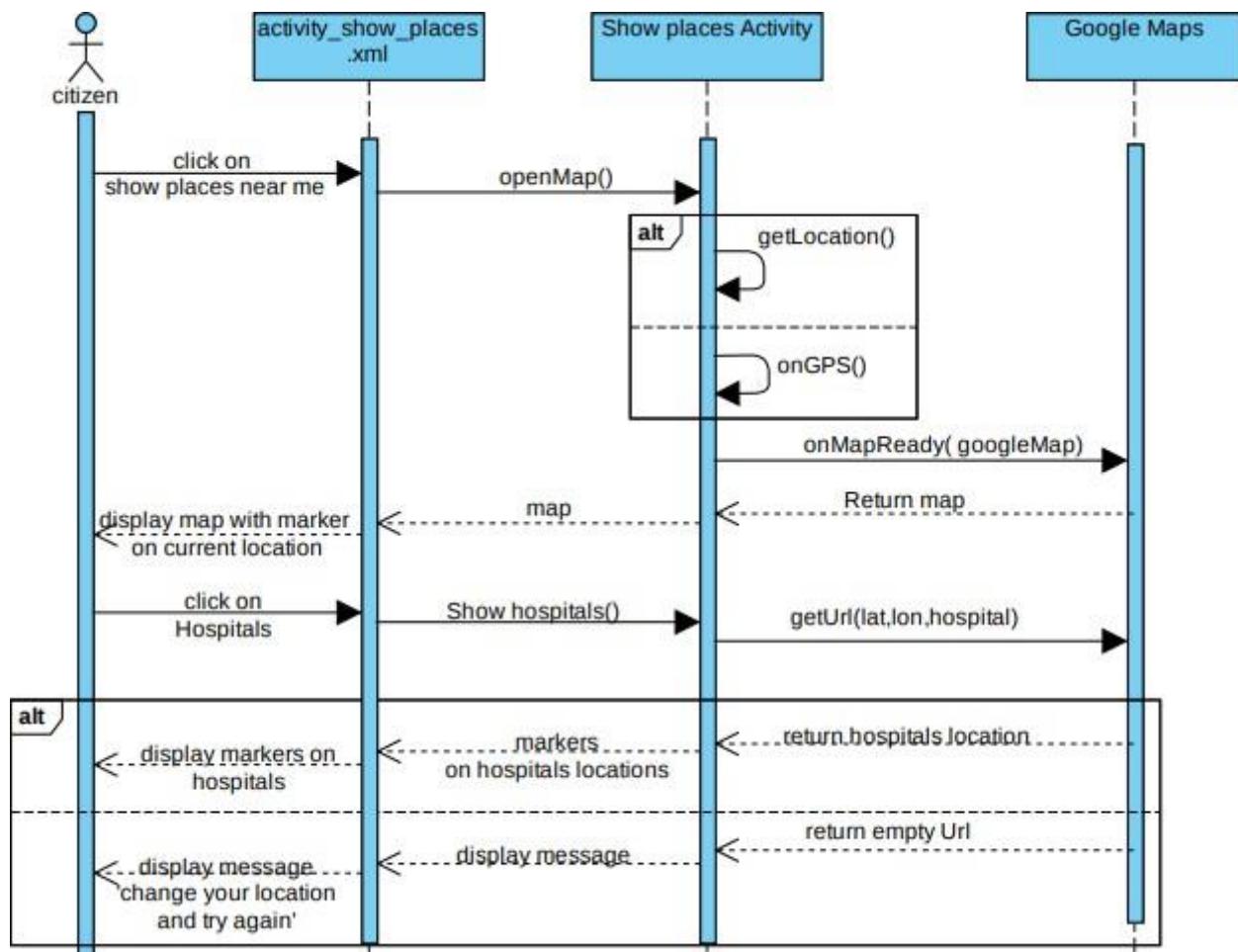


Figure 239: show places

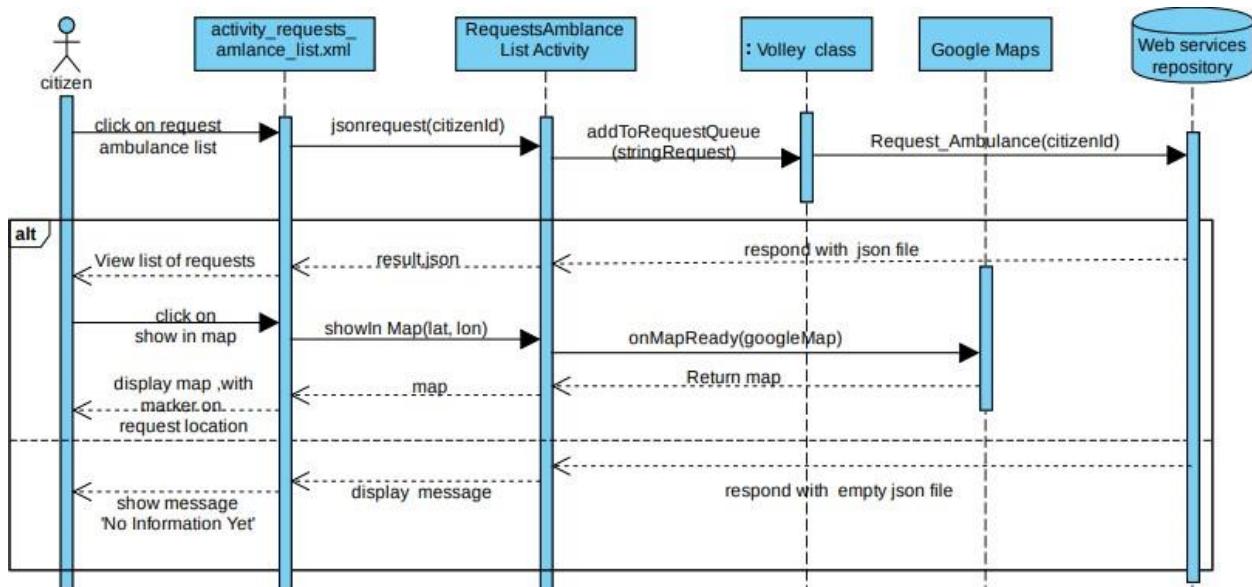


Figure 240: request ambulance

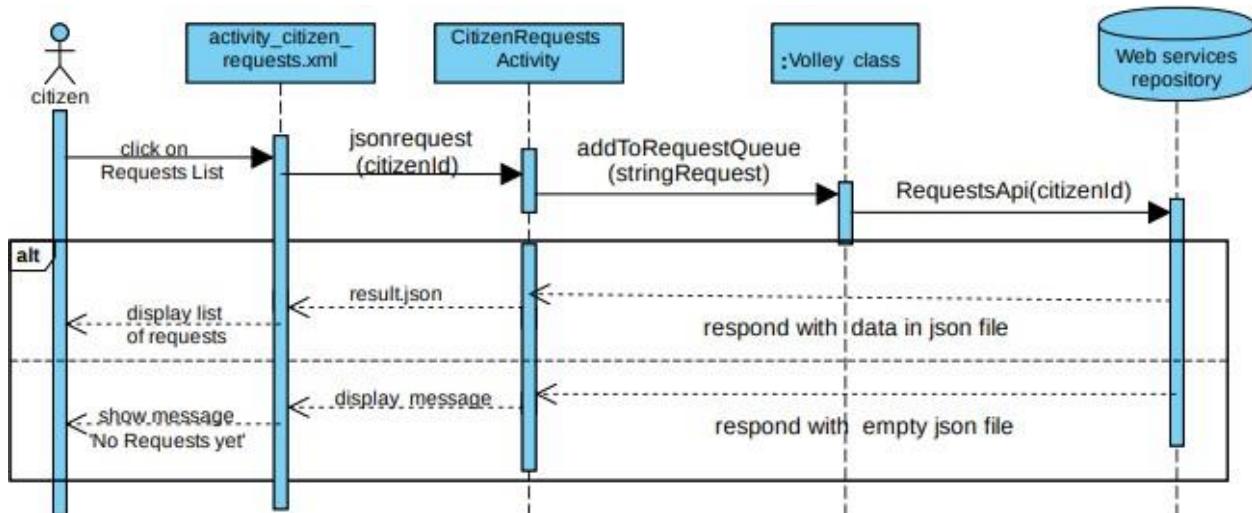


Figure 241: display citizen request

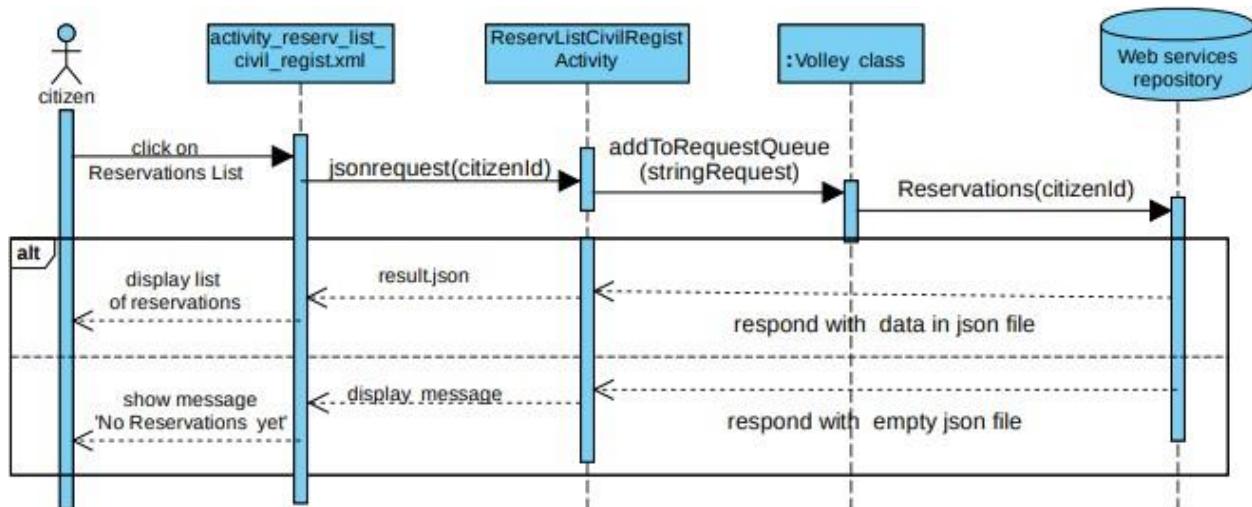


Figure 242: display list of reservation



Chapter 5: System Implementation



5.1 controllers

Website

MINistry of interior

AddressesController

Controller Name	Description	Modifier Type	Method & Description
AddressesController	This controller is created for handling all Address manipulations.	Object	<ul style="list-style-type: none">Index()This method takes a request object as parameter and it works to return all the not deleted NID.



BirthCertificateController

Controller Name	Description	Modifier Type	Method & Description
BirthCertificateController	This controller is created for handling all BirthCertificateController	Object	<ul style="list-style-type: none">Index() This method takes a request object as parameter and it works to return all the not deleted NID.citizenData (int citi) This method takes a request object as parameter and it works to return all citizen data.GetFatherInformation(int citi) This method takes a request object as parameter and it works to returns father data.GetMotherInformation(int citi) This method takes a request object as parameter and it works to returns mother info.



CarLicencesController

Controller Name	Description	Modifier Type	Method & Description
CarLicencesController	This controller is created for handling all CarLicencesController	Object	<ul style="list-style-type: none">Index() This method takes a request object as parameter and it works to return all the not deleted car licenses.Create() This method takes a request object as parameter and it works to create and add to database.Edit(<code>int?</code> id) This method takes a request object as parameter and it works to update car licenses.Delete(<code>int?</code> id) This method takes a request object as parameter and it works to delete car licenses.getLicenceByCitizenId(<code>int</code> Id) This method takes a request object as parameter and it works to returns car license for citizen.



CarsController

Controller Name	Description	Modifier Type	Method & Description
CarsController	This controller is created for handling all CarsController	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted cars.</p>



CitizenContactController

Controller Name	Description	Modifier Type	Method & Description
CitizenContactController	This controller is created for handling all CitizenContactController	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted NID.</p> <p>GetAllContactByCitizenId(<code>int tid</code>) This method takes a request object as parameter and it works to return all contacts for citizen.</p> <p>GetAllContactByContactTypeId(<code>int tid</code>) This method takes a request object as parameter and it works to return all contacts type for citizen.</p> <ul style="list-style-type: none">Create() <p>This method takes a request object as parameter and it works to create and add to database.</p> <ul style="list-style-type: none">Edit(<code>int? id</code>) <p>This method takes a request object as parameter and it works to update citizen contact.</p> <ul style="list-style-type: none">Delete(<code>int? id</code>) <p>This method takes a request object as parameter and it works to delete citizen contact.</p>

CitizenController

Controller Name	Description	Modifier Type	Method & Description
CitizenController	This controller is created for handling all citizen manipulations.	Object	<ul style="list-style-type: none">getAllCitizenNId() <p>This method takes a request object as parameter and it works to return all the not deleted NID.</p> <ul style="list-style-type: none">GetNamesByCitizenId(<code>int ctId</code>) <p>This method takes a request object as parameter and it works to return names by NID.</p> <ul style="list-style-type: none">selectAllDeletedStandard(Request \$req)



		Object	This method takes a request object as parameter and it works to return all the deleted standards within a foundation. <ul style="list-style-type: none">• <code>GenerateNationalId(string st, string date)</code>
		Object	This method takes a request object as parameter and it works to generate national id. <ul style="list-style-type: none">• <code>GetGenderById(int Gid)</code>
		Object	This method takes a request object as parameter and it works to get gender by NID. <ul style="list-style-type: none">• <code>create()</code>
		Object	This method takes a request object as parameter and it works to create and add new citizen. <ul style="list-style-type: none">• <code>Edit()</code>
		Object	This method takes a request object as parameter and it works to update. <code>Delete()</code>
		Object	This method takes a request object as parameter and it works to delete citizen.

CityController

Controller Name	Description	Modifier Type	Method & Description
CityController	This controller is created for handling all cities manipulations.	Object	<ul style="list-style-type: none">• <code>Index(int NId)</code> <p>This method takes a request object as parameter and it works to return all the not deleted states.</p> <ul style="list-style-type: none">• <code>getCityByStateId(int Stateid)</code> <p>This method takes a request object as parameter and it works to return cities.</p> <ul style="list-style-type: none">• <code>GetAllStates()</code> <p>This method takes a request object as parameter and it works to return all states.</p> <ul style="list-style-type: none">• <code>create()</code> <p>This method takes a request object as parameter and it works to create and add new citizen.</p>



		Object	<ul style="list-style-type: none">• Edit()
		Object	This method takes a request object as parameter and it works to update. Delete() This method takes a request object as parameter and it works to delete citizen.

ContactTypeController

Controller Name	Description	Modifier Type	Method & Description
ContactTypeController	This controller is created for handling all contact types manipulations.	Object Object Object Object	<ul style="list-style-type: none">• Index(int NId) This method takes a request object as parameter and it works to return all the not deleted contact types.• create() This method takes a request object as parameter and it works to create and add new contact type.• Edit() This method takes a request object as parameter and it works to update. Delete() This method takes a request object as parameter and it works to delete contact type.

DeceasedCertificateController

Controller Name	Description	Modifier Type	Method & Description
DeceasedCertificateController	This controller is created for handling all deceased certificate manipulations.	Object Object Object	<ul style="list-style-type: none">• Index(int NId) This method takes a request object as parameter and it works to return all the not deleted NID.• GetDeceasedInfoById(int citi This method takes a request object as parameter and it works to get deceased information.• GetSocialStatusByCitizenId(int citi) This method takes a request object as parameter and it works to get social status.



DistrictController

Controller Name	Description	Modifier Type	Method & Description
DistrictController	This controller is created for handling all districts manipulations.	Object Object Object Object Object Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted states.</p> <p>GetCitiesByStateId(int stateId)</p> <p>This method takes a request object as parameter and it works to return all cities by stateid.</p> <p>GetRegionByCityId(int CityId)</p> <p>This method takes a request object as parameter and it works to return all regions by cityId.</p> <p>GetDistrictByRegionId(int rId)</p> <p>This method takes a request object as parameter and it works to return all districts by regionId.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new district.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete district.</p>

DeceasedsController

Controller Name	Description	Modifier Type	Method & Description
DeceasedsController	This controller is created for handling all deceased manipulations.	Object Object Object	<ul style="list-style-type: none">Index(int NId) <p>This method takes a request object as parameter and it works to return all the not deleted doctor types.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new doctor type.</p> <ul style="list-style-type: none">Edit()



		Object	<p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete doctor type.</p>
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Document_TypeController

Controller Name	Description	Modifier Type	Method & Description
Document_TypeController	This controller is created for handling all document type manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted document type.</p>
		Object	<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new document type.</p>
		Object	<ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p>
		Object	<p>Delete()</p> <p>This method takes a request object as parameter and it works to delete document type.</p>

DocumentController

Controller Name	Description	Modifier Type	Method & Description
DocumentController	This controller is created for handling all documents manipulations.	Object	<ul style="list-style-type: none">Index(<code>int NId</code>) <p>This method takes a request object as parameter and it works to return all the not deleted NID.</p>
		Object	<p>GetAllDocumentsByCitizenId(<code>int tid</code>)</p> <p>This method takes a request object as parameter and it works to return all the not deleted documents by NID.</p>
		Object	<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new document.</p>
		Object	<ul style="list-style-type: none">Edit()



		Object	This method takes a request object as parameter and it works to update. Delete() This method takes a request object as parameter and it works to delete document.
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Live_Status_TypeController

Controller Name	Description	Modifier Type	Method & Description
Live_Status_TypeController	This controller is created for handling all live status types manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted live status types.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new live status types.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update. Delete()</p> <p>This method takes a request object as parameter and it works to delete live status types.</p>

Live_StatusController

Controller Name	Description	Modifier Type	Method & Description
Live_StatusController	This controller is created for handling all live status for citizen manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index(int NId) <p>This method takes a request object as parameter and it works to return all the not deleted NID.</p> <p>GetAllLiveStatusByCitizenId(int tid)</p> <p>This method takes a request object as parameter and it works to return all the not deleted live status for citizen by NID.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new live status.</p> <ul style="list-style-type: none">Edit()



		Object	This method takes a request object as parameter and it works to update. Delete() This method takes a request object as parameter and it works to delete live status.
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MarriageAndDivorceController

Controller Name	Description	Modifier Type	Method & Description
MarriageAndDivorceController	This controller is created for handling all marriage and divorce manipulations.	Object Object Object Object Object	<ul style="list-style-type: none">Index(<i>int NId</i>) This method takes a request object as parameter and it works to return all the not deleted NID for male ana female and type of relationship. MarriageHusband() This method takes a request object as parameter and it works to get husband MarriageWife() This method takes a request object as parameter and it works to get wife SocialStatusmarriage() This method takes a request object as parameter and it works to get social status marriage. SocialStatusDivorce() This method takes a request object as parameter and it works to get social status divorce.

OfficesController

Controller Name	Description	Modifier Type	Method & Description
OfficesController	This controller is created for handling all offices manipulations.	Object Object Object	<ul style="list-style-type: none">Index() This method takes a request object as parameter and it works to return all the not deleted offices.create() This method takes a request object as parameter and it works to create and add new offices.Edit()



		Object	<p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete offices.</p>
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police_officerController

Controller Name	Description	Modifier Type	Method & Description
police_officerController	<p>This controller is created for handling all police officer manipulations.</p>	<p>Object</p> <p>Object</p> <p>Object</p> <p>Object</p>	<ul style="list-style-type: none">Index(<code>int NId</code>) <p>This method takes a request object as parameter and it works to return all the not deleted NID.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new police officer.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete police officer.</p>

police_reportController

Controller Name	Description	Modifier Type	Method & Description
police_reportController	<p>This controller is created for handling all police report manipulations.</p>	<p>Object</p> <p>Object</p> <p>Object</p>	<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new police report.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p>



			<p>Delete()</p> <p>This method takes a request object as parameter and it works to delete police report.</p>
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PoliceDepartmentsController

Controller Name	Description	Modifier Type	Method & Description
PoliceDepartmentsController	<p>This controller is created for handling all police departments manipulations.</p>	<p>Object</p> <p>Object</p> <p>Object</p> <p>Object</p>	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted police departments.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new police departments.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete police departments.</p>



PoliceReport_typeController

Controller Name	Description	Modifier Type	Method & Description
PoliceReport_typeController	This controller is created for handling all police report type manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted police report type.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new police report type.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete police report type.</p>

RegionController

Controller Name	Description	Modifier Type	Method & Description
RegionController	This controller is created for handling all REGION manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted regions.</p> <p>GetCitiesByStateId(int stateId)</p> <p>This method takes a request object as parameter and it works to return all the not deleted cities by state</p> <p>GetRegionByCityId(int CityId)</p> <p>This method takes a request object as parameter and it works to return all the not deleted regions by city</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new region.</p>



		Object Object	<ul style="list-style-type: none">• Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete region.</p>
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Social_Status_TypeController

Controller Name	Description	Modifier Type	Method & Description
Social_Status_TypeController	This controller is created for handling all social status type manipulations.	Object Object Object Object	<ul style="list-style-type: none">• Index() <p>This method takes a request object as parameter and it works to return all the not deleted social status type.</p> <ul style="list-style-type: none">• create() <p>This method takes a request object as parameter and it works to create and add new social status type.</p> <ul style="list-style-type: none">• Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete social status type.</p>



Social_statusController

Controller Name	Description	Modifier Type	Method & Description
Social_statusController	This controller is created for handling all social status manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted social status.</p>
			<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new social status.</p>
		Object	<ul style="list-style-type: none">Edit()
		Object	<p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete social status.</p>

ministry of health

doctorReservationController

Controller Name	Description	Modifier Type	Method & Description
doctorReservationController	This controller is created for handling all doctor reservations manipulations.	Object	<ul style="list-style-type: none">Index(<code>int NId</code>) <p>This method takes a request object as parameter and it works to return schedule</p> <p><code>scheduleDoctor (<code>int docId</code>)</code> This method takes a request object as parameter and it works to return schedule for doctor.</p>
			<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new doctor reservation.</p>
		Object	<ul style="list-style-type: none">Edit()
		Object	<p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p>



Healthcare_DoctorController

Controller Name	Description	Modifier Type	Method & Description
Healthcare_DoctorController	This controller is created for handling all doctors manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index(<code>int NId</code>) This method takes a request object as parameter and it works to return all doctors. <code>GetHospitalsByDistrictId(<code>int DID</code>)</code> This method takes a request object as parameter and it works to return all the not deleted hospitals by districtId.create() This method takes a request object as parameter and it works to create and add new healthCare doctor.Edit() This method takes a request object as parameter and it works to update. <code>Delete()</code> This method takes a request object as parameter and it works to delete healthCare doctor.

HealthcareReservationsController

Controller Name	Description	Modifier Type	Method & Description
HealthcareReservationsController	This controller is created for handling all HealthCare reservations manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index() This method takes a request object as parameter and it works to return all the not deleted HealthCare reservations.create() This method takes a request object as parameter and it works to create and add new HealthCare reservation.Edit() This method takes a request object as parameter and it works to update.



			<p>Delete() This method takes a request object as parameter and it works to delete HealthCare reservations.</p>
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HospitalsController

Controller Name	Description	Modifier Type	Method & Description
HospitalsController	This controller is created for handling all hospitals manipulations.	Object Object Object Object	<ul style="list-style-type: none">Index() This method takes a request object as parameter and it works to return all the not deleted hospitals.create() This method takes a request object as parameter and it works to create and add new hospitals.Edit() This method takes a request object as parameter and it works to update.Delete() This method takes a request object as parameter and it works to delete hospitals.



healthcaretype

Controller Name	Description	Modifier Type	Method & Description
HealthCare_Type1Controller	This controller is created for handling all deceased manipulations.	Object Object Object Object Object	<ul style="list-style-type: none">Index(<code>int NId</code>) This method takes a request object as parameter and it works to return all the not deleted NID.<code>GetDeathInfoByCitizenId(int tid)</code> This method takes a request object as parameter and it works to return all the not deleted deceased citizen by NID.create() This method takes a request object as parameter and it works to create and add new healthCare type.Edit() This method takes a request object as parameter and it works to update.Delete() This method takes a request object as parameter and it works to delete HealthCare type.



AreasAuthorityRequestsController

Controller Name	Description	Modifier Type	Method & Description
AreasAuthorityRequestsController	This controller is created for handling all AreasAuthorityRequestsController manipulations.	Object	<ul style="list-style-type: none">• Index() <p>This method takes a request object as parameter and it works to return all the not deleted areas authority requests.</p> <ul style="list-style-type: none">• Create() <p>This method takes a request object as parameter and it works to create and add to database.</p> <ul style="list-style-type: none">• Edit(<code>int?</code> id) <p>This method takes a request object as parameter and it works to update area authority request.</p> <ul style="list-style-type: none">• Delete(<code>int?</code> id) <p>This method takes a request object as parameter and it works to delete area authority request.</p>

RealStateRegistryInterestBranchesController

Controller Name	Description	Modifier Type	Method & Description
RealStateRegistryInterestBranchesController	This controller is created for handling all RSRI Branches manipulations.	Object	<ul style="list-style-type: none">• Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI Branches.</p> <ul style="list-style-type: none">• create() <p>This method takes a request object as parameter and it works to create and add new RSRI Branches.</p> <ul style="list-style-type: none">• Edit() <p>This method takes a request object as parameter and it works to update.</p> <ul style="list-style-type: none">• Delete() <p>This method takes a request object as parameter and it works to delete RSRI Branches.</p>



RealStateRegistryInterestDepartmentsController

Controller Name	Description	Modifier Type	Method & Description						
RealStateRegistryInterestDepartmentsController	This controller is created for handling all RSRI departments manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI departments.</p> <td>Object</td> <td><ul style="list-style-type: none">create()<p>This method takes a request object as parameter and it works to create and add new RSRI departments.</p> <td>Object</td><td><ul style="list-style-type: none">Edit()<p>This method takes a request object as parameter and it works to update.</p> <td>Object</td><td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI departments.</p></td></td></td>	Object	<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new RSRI departments.</p> <td>Object</td> <td><ul style="list-style-type: none">Edit()<p>This method takes a request object as parameter and it works to update.</p> <td>Object</td><td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI departments.</p></td></td>	Object	<ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <td>Object</td> <td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI departments.</p></td>	Object	<ul style="list-style-type: none">Delete() <p>This method takes a request object as parameter and it works to delete RSRI departments.</p>

RealStateRegistryInterestPopularContractsController

Controller Name	Description	Modifier Type	Method & Description						
RealStateRegistryInterestPopularContractsController	This controller is created for handling all RSRI popularContract manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI popularContract.</p> <td>Object</td> <td><ul style="list-style-type: none">create()<p>This method takes a request object as parameter and it works to create and add new RSRI popularContract.</p> <td>Object</td><td><ul style="list-style-type: none">Edit()<p>This method takes a request object as parameter and it works to update.</p> <td>Object</td><td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI popularContract.</p></td></td></td>	Object	<ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new RSRI popularContract.</p> <td>Object</td> <td><ul style="list-style-type: none">Edit()<p>This method takes a request object as parameter and it works to update.</p> <td>Object</td><td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI popularContract.</p></td></td>	Object	<ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <td>Object</td> <td><ul style="list-style-type: none">Delete()<p>This method takes a request object as parameter and it works to delete RSRI popularContract.</p></td>	Object	<ul style="list-style-type: none">Delete() <p>This method takes a request object as parameter and it works to delete RSRI popularContract.</p>



RealStateRegistryInterestPropertyTaxesController

Controller Name	Description	Modifier Type	Method & Description
RealStateRegistryInterestPropertyTaxesController	This controller is created for handling all RSRI propertyTaxes manipulations.	Object	<ul style="list-style-type: none">• Index() <p>This method takes a request object as parameter and it works to return all the not deleted poli RSRI propertyTaxes.</p> <ul style="list-style-type: none">• create() <p>This method takes a request object as parameter and it works to create and add new RSRI propertyTaxes.</p> <ul style="list-style-type: none">• Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete RSRI propertyTaxes.</p>

RealStateRegistryInterestReportsController

Controller Name	Description	Modifier Type	Method & Description
RealStateRegistryInterestReportsController	This controller is created for handling all RSRI reports manipulations.	Object	<ul style="list-style-type: none">• Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI reports.</p> <ul style="list-style-type: none">• create() <p>This method takes a request object as parameter and it works to create and add new RSRI reports.</p> <ul style="list-style-type: none">• Edit() <p>This method takes a request object as parameter and it works to update.</p> <p>Delete()</p> <p>This method takes a request object as parameter and it works to delete RSRI reports.</p>



RealStateRegistryInterestReportsSubjectsController

Controller Name	Description	Modifier Type	Method & Description
RealStateRegistryInterestReportsSubjectsController	This controller is created for handling all RSRI subject manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI subject.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new RSRI subject.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <ul style="list-style-type: none">Delete() <p>This method takes a request object as parameter and it works to delete RSRI subject.</p>

RealStateRegistryInterestsController

Controller Name	Description	Modifier Type	Method & Description
RealStateRegistryInterestsController	This controller is created for handling all RSRI manipulations.	Object	<ul style="list-style-type: none">Index() <p>This method takes a request object as parameter and it works to return all the not deleted RSRI.</p> <ul style="list-style-type: none">create() <p>This method takes a request object as parameter and it works to create and add new RSRI.</p> <ul style="list-style-type: none">Edit() <p>This method takes a request object as parameter and it works to update.</p> <ul style="list-style-type: none">Delete() <p>This method takes a request object as parameter and it works to delete RSRI.</p>



LogInActivity

Activity Name	Description	Modifier Type	Method & Description
SplashActivity	This activity is created for handling opening and to select language of application.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up: create views, bind data to lists.</p>
		Object	<ul style="list-style-type: none">gotoLogIn(View view) <p>This method takes view object as parameter and it work to go to activity to login.</p>
		Object	<ul style="list-style-type: none">gotoLogInAr(View view) <p>This method takes view object as parameter and it work to change language of application to Arabic and if language change to Arabic then can restore to English language.</p>
Activity Name	Description	Modifier Type	Method & Description
LogInActivity	This activity is created for handling login with Pin number and login with scan QR.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created and handle login with pin number or Scan QR.</p>
		Object	<ul style="list-style-type: none">onActivityResult(int requestCode, int resultCode, Intent data) <p>This method takes requestCode, resultCode, and Intent object as parameters and it work to get scanning QR code.</p>
		Object	<ul style="list-style-type: none">showPinNumberDialog(final Context context) <p>This method takes context object as a parameter and it work to showing dialog to enter pin number.</p>
		Object	<ul style="list-style-type: none">login(final String qrcode, final String NationalId) <p>This method takes qrcode and NationalId as a parameter and it works to login and redirect to Ministry activity.</p>
		Object	<ul style="list-style-type: none">loginByPin(final String pin, final String NationalId) <p>This method takes qrcode and NationalId as a parameter and it works to login and redirect to Ministry activity.</p>



Ministryactivity

Activity Name	Description	Modifier Type	Method & Description								
MinistryActivity	This activity is created for handling deal with list of Ministry	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up: create views, bind data to lists and handing opening and close side menu ,and handle opening complaint screen.</p> <td>Object</td> <td><ul style="list-style-type: none">gotoHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Interior screen</p> <td>Object</td><td><ul style="list-style-type: none">gotoHealthHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Health screen</p> <td>Object</td><td><ul style="list-style-type: none">gotoEducationHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Education screen</p> <td>Object</td><td><ul style="list-style-type: none">onNavigationItemSelected(MenuItem item)<p>This method takes item object as parameter and it works to handle redirect to selected item in Side menu.</p></td></td></td></td>	Object	<ul style="list-style-type: none">gotoHome(View view) <p>This method takes a view object as parameter and it works to redirect to Ministry of Interior screen</p> <td>Object</td> <td><ul style="list-style-type: none">gotoHealthHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Health screen</p> <td>Object</td><td><ul style="list-style-type: none">gotoEducationHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Education screen</p> <td>Object</td><td><ul style="list-style-type: none">onNavigationItemSelected(MenuItem item)<p>This method takes item object as parameter and it works to handle redirect to selected item in Side menu.</p></td></td></td>	Object	<ul style="list-style-type: none">gotoHealthHome(View view) <p>This method takes a view object as parameter and it works to redirect to Ministry of Health screen</p> <td>Object</td> <td><ul style="list-style-type: none">gotoEducationHome(View view)<p>This method takes a view object as parameter and it works to redirect to Ministry of Education screen</p> <td>Object</td><td><ul style="list-style-type: none">onNavigationItemSelected(MenuItem item)<p>This method takes item object as parameter and it works to handle redirect to selected item in Side menu.</p></td></td>	Object	<ul style="list-style-type: none">gotoEducationHome(View view) <p>This method takes a view object as parameter and it works to redirect to Ministry of Education screen</p> <td>Object</td> <td><ul style="list-style-type: none">onNavigationItemSelected(MenuItem item)<p>This method takes item object as parameter and it works to handle redirect to selected item in Side menu.</p></td>	Object	<ul style="list-style-type: none">onNavigationItemSelected(MenuItem item) <p>This method takes item object as parameter and it works to handle redirect to selected item in Side menu.</p>

HomeActivity

Activity Name	Description	Modifier Type	Method & Description				
HomeActivity	This activity is created for handling deal with list of services of ministry of interior.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and handle opening complaint screen</p> <td>Object</td> <td><ul style="list-style-type: none">gotoRequestService (View view)<p>This method takes a view object as parameter and it works to redirect to RequestService screen</p> <td>Object</td><td><ul style="list-style-type: none">gotoReservation (View view)<p>This method takes a view object as parameter and it works to redirect to Reservation screen</p></td></td>	Object	<ul style="list-style-type: none">gotoRequestService (View view) <p>This method takes a view object as parameter and it works to redirect to RequestService screen</p> <td>Object</td> <td><ul style="list-style-type: none">gotoReservation (View view)<p>This method takes a view object as parameter and it works to redirect to Reservation screen</p></td>	Object	<ul style="list-style-type: none">gotoReservation (View view) <p>This method takes a view object as parameter and it works to redirect to Reservation screen</p>



		Object	<ul style="list-style-type: none"> • gotoRequestsList (View view) <p>This method takes a view object as parameter and it works to redirect to RequestsList screen</p>
		Object	<ul style="list-style-type: none"> • gotoReservationList (View view) <p>This method takes a view object as parameter and it works to redirect to ReservationList screen</p>
		Object	<ul style="list-style-type: none"> • gotoTrafficViolation(View view) <p>This method takes a view object as parameter and it works to redirect to TrafficViolation screen.</p>

citizenrequestActivity

Activity Name	Description	Modifier Type	Method & Description
CitizenRequests Activity	<p>This activity is created for handling showing Requests list and manipulation on it. .</p>	Object Object Object Object Object	<ul style="list-style-type: none"> • onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <ul style="list-style-type: none"> • jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get citizen request and get all requests of this citizen.</p> <ul style="list-style-type: none"> • setuprecyclerview(List<Request> lstRequest) <p>This method takes lstRequest as parameter and it works to set list of Requests to recycler view to display it.</p> <ul style="list-style-type: none"> • onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p> <ul style="list-style-type: none"> • List<Request> filter(List<Request> lstRequest, String query) <p>This method takes lstRequest and query as parameters and it works to filter list of Requests by specified query.</p>

complaintListActivity

Activity Name	Description	Modifier Type	Method & Description
ComplaintList Activity	This activity is created for handling showing	Object	<ul style="list-style-type: none"> • onCreate(Bundle savedInstanceState)



	complaint list and manipulation on it . .	Object	This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen) • jsonrequest (Citizen citizen)
		Object	This method takes a citizen object as parameter and it works to calling api of get all complaints of this citizen. • setuprecyclerview(List<ComplaintModel> lstComplaint)
		Object	This method takes lstComplaint as parameter and it works to set list of complaints to recycler view to display it. • onCreateOptionsMenu(Menu menu)
		Object	This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.
		Object	• List<ComplaintModel> filter(List<ComplaintModel> lstComplaint ,String query)
		Object	This method takes lstComplaint and query as parameters and it works to filter list of complaints by specified query. • jsonrequestsRespond(final int cId)
		Object	This method takes cId and as parameter and it works to get Responds of complaint. • showResponse(final String Replay,final String ReplayDate)
			This method takes Replay and ReplayDate as parameters and it works to showing after clicking on specified complaint.

complaintactivity

Activity Name	Description	Modifier Type	Method & Description
Complaint Activity	This activity is created for handle sending Complaint by citizen to Government body.	Object	<ul style="list-style-type: none">• onCreate(Bundle savedInstanceState) This method called when the activity is first created. This is where should do all of normal static set up, and calling function of getting government body. <ul style="list-style-type: none">• getGovernementSpinner() This method works to calling api of get government body and calling function to assign value in spinner.



		Object	<ul style="list-style-type: none">• jsonParsinggovernement_body(String response) <p>This method takes String response as parameter and it works to assign government body data in spinner.</p>
		Object	<ul style="list-style-type: none">• sendComplaint(View view) <p>This method takes view object as a parameter and it works to send data of complaint to server using api and appear confirm message before sending.</p> <ul style="list-style-type: none">• showDialog() <p>This method works to showing confirm message to confirm sending complaint or not.</p>

reservecivilregistlistactivity

Activity Name	Description	Modifier Type	Method & Description
ReservListCivilRegistListActivity	This activity is created for handling showing government body reservation list and manipulation on it.	Object	<ul style="list-style-type: none">• onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <ul style="list-style-type: none">• jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all government body reservations of this citizen</p> <ul style="list-style-type: none">• setuprecyclerview(List<Reservations> lstReserv) <p>This method takes lstReserv as parameter and it works to set list of reservations to recycler view to display it.</p> <ul style="list-style-type: none">• onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p> <ul style="list-style-type: none">• List<Reservations> filter(List<Reservations> lstReserv ,String query) <p>This method takes lstReserv and query as parameters and it works to filter list Reservation by specified query.</p>



reservedocappointmentactivity

Activity Name	Description	Modifier Type	Method & Description
ReservDocApp ointment Activity	This activity is created for handling reserve doctor appointment and sending reservation to server.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up, and calling function to get states ,and healthcare Type data.</p> <p>.</p> <ul style="list-style-type: none">getStateSpinner() <p>This method works to calling api to get all states</p> <ul style="list-style-type: none">getCitySpinner(int sId) <p>This method takes integer sId as a parameter and it works to calling api and get all cities of this state id.</p> <p>.</p> <ul style="list-style-type: none">getRegionSpinner(int cId) <p>This method takes integer cId as a parameter and it works to calling api and get all regions of this city id.</p> <p>.</p> <ul style="list-style-type: none">getDistrictSpinner(int rId) <p>This method takes integer rId as a parameter and it works to calling api and get all districts of this region id.</p> <p>.</p> <ul style="list-style-type: none">getChildSpinner(Citizen citizen) <p>This method takes citizen object and as parameter and it works to calling api to get all children data of this citizen.</p> <ul style="list-style-type: none">getHealthcareTypeSpinner() <p>This method works to calling api to get all Healthcare types.</p> <ul style="list-style-type: none">getSpecSpinner(hId) <p>This method takes integer hId as a parameter and it works to calling api and get all specialization in selected healthcare.</p> <ul style="list-style-type: none">getHealthcareSpinner(int hyId,int dId) <p>This method takes integer hyId, and dId as a parameters and it works to calling api and get all Healthcare data that has this healthcare type ,district .</p> <p>.</p> <ul style="list-style-type: none">getSchedualSpinner(int hId,int docId) <p>This method takes integer hId and docId as a parameters and it works to calling api and get all appointment data that is for healthcare and doctor.</p> <ul style="list-style-type: none">getDoctorSpinner(int hId,int specId)



		Object	This method takes integer hId and specId as a parameters and it works to calling api and get all doctor data. <ul style="list-style-type: none">• sendAppointment(View view) This method takes view object as a parameter and it works to send reserve doctor appointment to server using api and showing confirm message before sending.
		Object	<ul style="list-style-type: none">• showDialog() This method works to showing confirm message And confirm sending request to server.
		Object	<ul style="list-style-type: none">• jsonParsingState(String response) This method takes String response as parameter and it works to set State data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingCity(String response) This method takes String response as parameter and it works to set city data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingRegion(String response) This method takes String response as parameter and it works to set region data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingDistrict(String response) This method takes String response as parameter and it works to set district data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingChild(String response) This method takes String response as parameter and it works to set children data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingHealthcareType(String response) This method takes String response as parameter and it works to set healthcare types data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingSpec (String response) This method takes String response as parameter and it works to set specialization data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingDoctor (String response) This method takes String response as parameter and it works to set doctor data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingHealthcare(String response) This method takes String response as parameter and it works to set HealthCares data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingSchedual(String response) This method takes String response as parameter and it works to set appointments data in spinner.
		Object	<ul style="list-style-type: none">• onItemSelected(MaterialSpinner view, int position, long id, Object item) This method takes String view, position, id and item as parameters and it works to calling function to set data in spinner after changes in any spinner.



reservedocappactivity

Activity Name	Description	Modifier Type	Method & Description
ReservDocApp ListActivity	This activity is created for handling showing doctor reservations list and manipulation on it. .	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <p>.</p> <ul style="list-style-type: none">jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all doctor reservations of this citizen.</p> <ul style="list-style-type: none">setuprecyclerview(List<ReservationDoctor Appointment> lstDoc) <p>This method takes lstDoc as parameter and it works to set list of doctor reservations to recycler view to display it.</p>



trafficviolationslistactivity

Activity Name	Description	Modifier Type	Method & Description
TrafficViolations ListActivity	This activity is created for handling showing traffic violation list and manipulation on it. .	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <ul style="list-style-type: none">jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all Traffic violations of cars of this citizen.</p> <ul style="list-style-type: none">setuprecyclerview(List<TrafficViolation> lstTV) <p>This method takes lstTV as parameter and it works to set list of Traffic violations to recycler view to display it.</p> <ul style="list-style-type: none">onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p> <ul style="list-style-type: none">List<TrafficViolation>filter (List<TrafficViolation> lstTV , String query) <p>This method takes lstTV and query as parameters and it works to filter list of traffic violations by specified query.</p>

requestserviceactivity

Activity Name	Description	Modifier Type	Method & Description
RequestService Activity	This activity is created for handling request service from any government body and sending requests to server.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up, and calling function to get government body data.</p> <ul style="list-style-type: none">getGovernementSpinner() <p>This method works to calling api to get all government bodies.</p> <ul style="list-style-type: none">getServicesSpinner (govId) <p>This method takes integer govId as a parameter and it works to calling api and get all services in selected government body.</p> <ul style="list-style-type: none">sendRequest(View view)



		Object	This method takes view object as a parameter and it works to send request services to server using api and showing confirm message before sending. • showDialog()
		Object	This method works to showing confirm message And confirm sending request to server. • jsonParsinggovernement_body (String response)
		Object	This method takes String response as parameter and it works to set government bodies data in spinner. • jsonParsingService (String response)
		Object	This method takes String response as parameter and it works to set services data in spinner. • onItemSelected(MaterialSpinner view, int position, long id, Object item)
			This method takes String view, position, id and item as parameters and it works to calling function to set data in spinner after changes in any spinner.

education home activity

Activity Name	Description	Modifier Type	Method & Description
EducationHome Activity	This activity is created for handling deal with list of services of ministry of Education.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and handle opening complaint screen</p> <ul style="list-style-type: none">gotoCertificationList (View view) <p>This method takes a view object as parameter and it works to redirect to Certification List screen</p>

StudentCertificationListActivity

Activity Name	Description	Modifier Type	Method & Description
StudentCertificationListActivity	This activity is created for handling showing student certification list and manipulation on it.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <ul style="list-style-type: none">jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all student certification of this citizen.</p> <ul style="list-style-type: none">setuprecyclerview(List<StudentCertification> lstSC) <p>This method takes lstSC as parameter and it works to set list of student certifications to recycler view to display it.</p>



		Object	<ul style="list-style-type: none">onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p>
		Object	<ul style="list-style-type: none">List<StudentCertification> filter(List<StudentCertification> lstSC , String query) <p>This method takes lstSC and query as parameters and it works to filter list of student certifications by specified query.</p>

reserveactivity

Activity Name	Description	Modifier Type	Method & Description
ReservationActivity	This activity is created for handling reserve appointment in office of government body and sending reservation to server.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up, and calling function to get government body data.</p> <p>.</p> <ul style="list-style-type: none">getGovernementSpinner() <p>This method works to calling api to get all government bodies.</p> <ul style="list-style-type: none">getStateSpinner() <p>This method works to calling api to get all states</p> <ul style="list-style-type: none">getCitySpinner(int sId) <p>This method takes integer sId as a parameter and it works to calling api and get all cities of this state id.</p> <ul style="list-style-type: none">getRegionSpinner(int cId) <p>This method takes integer cId as a parameter and it works to calling api and get all regions of this city id.</p> <ul style="list-style-type: none">getDistrictSpinner(int rId) <p>This method takes integer rId as a parameter and it works to calling api and get all districts of this region id.</p> <ul style="list-style-type: none">getOfficeSpinner (int govId,int dId) <p>This method takes integer govId, and dId as a parameters and it works to calling api and get all offices data that is for selected government body ,and district .</p> <ul style="list-style-type: none">getServicesSpinner (govId) <p>This method takes integer govId as a parameter and it works to calling api and get all services in selected government body.</p>



		Object	<ul style="list-style-type: none">• SendReserve(View view) This method takes view object as a parameter and it works to send reserve appointment in government body to server using api and showing confirm message before sending.
		Object	<ul style="list-style-type: none">• showDialog() This method works to showing confirm message And confirm sending request to server.
		Object	<ul style="list-style-type: none">• jsonParsingState(String response) This method takes String response as parameter and it works to set State data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingCity(String response) This method takes String response as parameter and it works to set city data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingRegion(String response) This method takes String response as parameter and it works to set region data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingDistrict(String response) This method takes String response as parameter and it works to set district data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsinggovernement_body (String response) This method takes String response as parameter and it works to set government bodies data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingservice (String response) This method takes String response as parameter and it works to set services data in spinner.
		Object	<ul style="list-style-type: none">• jsonParsingOffice(String response) This method takes String response as parameter and it works to set offices data in spinner.
		Object	<ul style="list-style-type: none">• onItemSelected(MaterialSpinner view, int position, long id, Object item) This method takes String view, position, id and item as parameters and it works to calling function to set data in spinner after changes in any spinner.



healthhomeactivity

Activity Name	Description	Modifier Type	Method & Description
HealthHome Activity	This activity is created for handling deal with list of services of ministry of health.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and handle opening complaint screen</p> <ul style="list-style-type: none">gotoVaccination (View view) <p>This method takes a view object as parameter and it works to redirect to Reserve Vaccination appointment screen.</p> <ul style="list-style-type: none">gotoDocAppointment (View view) <p>This method takes a view object as parameter and it works to redirect to Reserve appointment with doctor screen.</p> <ul style="list-style-type: none">gotoVaccList (View view) <p>This method takes a view object as parameter and it works to redirect to Vaccination Reservations list screen.</p> <ul style="list-style-type: none">gotoDocAppList (View view) <p>This method takes a view object as parameter and it works to redirect to Doctor Reservation list screen.</p> <ul style="list-style-type: none">gotoRequestAmbulance (View view) <p>This method takes a view object as parameter and it works to redirect to Request Ambulance screen.</p> <ul style="list-style-type: none">gotoRequestAmbulanceList (View view) <p>This method takes a view object as parameter and it works to redirect to Request Ambulance List screen.</p>



RequestsAmbulanceListActivity

Activity Name	Description	Modifier Type	Method & Description
RequestsAmbulanceListActivity	This activity is created for handling showing ambulance requests list and manipulation on it. .	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <p>.</p> <ul style="list-style-type: none">jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all ambulance requests of this citizen.</p> <ul style="list-style-type: none">setuprecyclerview(List<RequestAmbulance> lstAmb) <p>This method takes lstAmb as parameter and it works to set list of ambulance requests to recycler view to display it.</p> <ul style="list-style-type: none">onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p> <ul style="list-style-type: none">List<RequestAmbulance> filter(List<RequestAmbulance> lstAmb , String query) <p>This method takes lstAmb and query as parameters and it works to filter list of ambulance requests by specified query.</p> <ul style="list-style-type: none">onContextItemSelected(MenuItem item) <p>This method takes item object as parameter and it works to get item selected by citizen from list.</p> <ul style="list-style-type: none">showInMap(final MenuItem item) <p>This method takes item object as parameter and it works to showing the place of request that selected from list.</p>



vaccinationactivity

Activity Name	Description	Modifier Type	Method & Description
Vaccinations Activity	This activity is created for handling reserve vaccination appointment and sending reservation to server.	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up, and calling function to get children data, states ,and healthcare Type data.</p> <ul style="list-style-type: none">getStateSpinner() <p>This method works to calling api to get all states</p> <ul style="list-style-type: none">getCitySpinner(int sId) <p>This method takes integer sId as a parameter and it works to calling api and get all cities of this state id.</p> <ul style="list-style-type: none">getRegionSpinner(int cId) <p>This method takes integer cId as a parameter and it works to calling api and get all regions of this city id.</p> <ul style="list-style-type: none">getDistrictSpinner(int rId) <p>This method takes integer rId as a parameter and it works to calling api and get all districts of this region id.</p> <ul style="list-style-type: none">getChildSpinner(Citizen citizen) <p>This method takes citizen object and as parameter and it works to calling api to get all children data of this citizen.</p> <ul style="list-style-type: none">getHealthcareTypeSpinner() <p>This method works to calling api to get all Healthcare types.</p> <ul style="list-style-type: none">getVaccinationTypeSpinner(int cId) <p>This method takes integer cId as a parameter and it works to calling api and get all vaccination Types allow to child has this id</p> <ul style="list-style-type: none">getHealthcareSpinner(int hyId,int dId,int vyId) <p>This method takes integer hyId,dId, and vyId as a parameters and it works to calling api and get all Healthcare data that has this healthcare type ,district ,and vaccination type.</p> <ul style="list-style-type: none">getSchedualSpinner(int hId,int vyId) <p>This method takes integer hId and vyId as a parameters and it works to calling api and get all appointment data that is for healthcare and vaccination type.</p> <ul style="list-style-type: none">sendReservVacc(View view) <p>This method takes view object as a parameter and it works to send reserve vaccination to server using api and showing confirm message before sending.</p>



		<p>Object</p> <ul style="list-style-type: none">• showDialog() <p>This method works to showing confirm message And confirm sending request to server.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingState(String response) <p>This method takes String response as parameter and it works to set State data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingCity(String response) <p>This method takes String response as parameter and it works to set city data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingRegion(String response) <p>This method takes String response as parameter and it works to set region data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingDistrict(String response) <p>This method takes String response as parameter and it works to set district data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingChild(String response) <p>This method takes String response as parameter and it works to set children data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingHealthcareType(String response) <p>This method takes String response as parameter and it works to set healthcare types data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingVaccinationType(String response) <p>This method takes String response as parameter and it works to set vaccination types data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingHealthcare(String response) <p>This method takes String response as parameter and it works to set HealthCares data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• jsonParsingSchedual(String response) <p>This method takes String response as parameter and it works to set appointments data in spinner.</p> <p>Object</p> <ul style="list-style-type: none">• onItemSelected(MaterialSpinner view, int position, long id, Object item) <p>This method takes String view, position, id and item as parameters and it works to calling function to set data in spinner after changes in any spinner.</p>
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vaccinationlistactivity

Activity Name	Description	Modifier Type	Method & Description
VaccinationList Activity	This activity is created for handling showing vaccination reservations list and manipulation on it. .	Object	<ul style="list-style-type: none">onCreate(Bundle savedInstanceState) <p>This method called when the activity is first created. This is where should do all of normal static set up ,and calling function jsonrequest(Citizen citizen)</p> <ul style="list-style-type: none">jsonrequest (Citizen citizen) <p>This method takes a citizen object as parameter and it works to calling api of get all vaccination reservations of this citizen.</p> <ul style="list-style-type: none">setuprecyclerview(List<Vaccination> lstVacc) <p>This method takes lstVacc as parameter and it works to set list of vaccination reservations to recycler view to display it.</p> <ul style="list-style-type: none">onCreateOptionsMenu(Menu menu) <p>This method takes a menu object as parameter and it works to showing searching field after click on search icon and applying filter function.</p> <ul style="list-style-type: none">List<Vaccination> filter(List<Vaccination> lstVacc , String query) <p>This method takes lstVacc and query as parameters and it works to filter list of vaccination reservations by specified query.</p> <ul style="list-style-type: none">onContextItemSelected(MenuItem item) <p>This method takes item object as parameter and it works to get item selected by citizen from list.</p> <ul style="list-style-type: none">cancelReserve(final int ReserveId, final MenuItem item) <p>This method takes ReserveId and item as parameters and it works to send request to cancel selected reservation.</p>



Chapter 6: System Testing



6.1 website

6.1.1 ministry of interior

Add Citizen

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add new Citizen	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show Citizen

Input	Expected Output	Actual Output	Comment
Delete Citizen	Displays a message "Deleted successfully"	 Deleted Successfully	Success
Update Citizen	Displays a message that "Updated Successfully"	 Updated Successfully	Success

Add Address

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add new Address	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show Address

Input	Expected Output	Actual Output	Comment
Delete Address	Displays a message "Deleted successfully"	 Deleted Successfully	Success
Update Address	Displays a message that "Updated Successfully"	 Updated Successfully	Success

*Add Address for Citizen*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add new Address for Citizen	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Address for Citizen

Input	Expected Output	Actual Output	Comment
Delete Address for Citizen	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update Address for Citizen	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add Contact for Citizen

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Contact for Citizen	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Contact for Citizen

Input	Expected Output	Actual Output	Comment
Delete Contact for Citizen	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update Contact for Citizen	Displays a message that "Updated Successfully"	Updated Successfully	Success

*Add Contact Type*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Contact Type	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

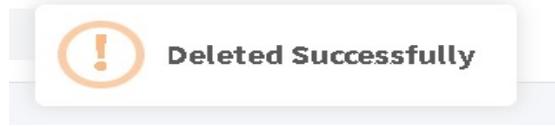
Show Contact Type

Input	Expected Output	Actual Output	Comment
Delete Contact Type	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update Contact Type	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add Social Status

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Social Status	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

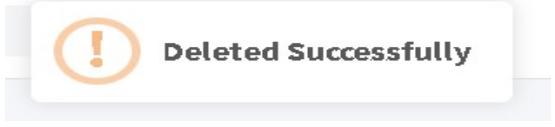
*Show Social Status*

Input	Expected Output	Actual Output	Comment
Delete Social Status	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Social Status	Displays a message that “Updated Successfully”	 Updated Successfully	Success

Add Social Status type

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add Social Status type	Displays a message “Created successfully”	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show Social Status type

Input	Expected Output	Actual Output	Comment
Delete Social Status type	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Social Status type	Displays a message that “Updated Successfully”	 Updated Successfully	Success

*Add Live Status*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Live Status	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Live Status

Input	Expected Output	Actual Output	Comment
Delete Live Status	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update Live Status	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add Live Status Type

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Live Status Type	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

*Show Live Status Type*

Input	Expected Output	Actual Output	Comment
Delete Live Status Type	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Live Status Type	Displays a message that “Updated Successfully”	 Updated Successfully	Success

Add Deceased Citizen

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add Deceased Citizen	Displays a message “Created successfully”	 Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Deceased Citizen

Input	Expected Output	Actual Output	Comment
Delete Deceased Citizen	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Deceased Citizen	Displays a message that “Updated Successfully”	 Updated Successfully	Success

*Add new Address for Citizen*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add new Address for Citizen	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show new Address for Citizen

Input	Expected Output	Actual Output	Comment
Delete new Address for Citizen	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update new Address for Citizen	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add Citizen Photo

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Citizen Photo	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

*Show Citizen Photo*

Input	Expected Output	Actual Output	Comment
Delete Citizen Photo	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Citizen Photo	Displays a message that “Updated Successfully”	Updated Successfully	Success

Add Document Type

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Document Type	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Document Type

Input	Expected Output	Actual Output	Comment
Delete Document Type	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Document Type	Displays a message that “Updated Successfully”	Updated Successfully	Success

*Add User Type*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add User Type	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show User Type

Input	Expected Output	Actual Output	Comment
Delete User Type	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update User Type	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add User

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add User	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

*Show User*

Input	Expected Output	Actual Output	Comment
Delete User	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update User	Displays a message that “Updated Successfully”	 Updated Successfully	Success

Add State

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add State	Displays a message “Created successfully”	 Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show State

Input	Expected Output	Actual Output	Comment
Delete State	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update State	Displays a message that “Updated Successfully”	 Updated Successfully	Success

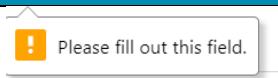
*Add City*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add City	Displays a message "Created successfully"		Success
	Displays a message that the data already exist		Success

Show City

Input	Expected Output	Actual Output	Comment
Delete City	Displays a message "Deleted successfully"		Success
Update City	Displays a message that "Updated Successfully"		Success

Add Region

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add Region	Displays a message "Created successfully"		Success
	Displays a message that the data already exist		Success

*Show Region*

Input	Expected Output	Actual Output	Comment
Delete Region	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Region	Displays a message that “Updated Successfully”	Updated Successfully	Success

Add District

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add District	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show District

Input	Expected Output	Actual Output	Comment
Delete District	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update District	Displays a message that “Updated Successfully”	Updated Successfully	Success



Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message “Created successfully”	 Created Successfully	Success

Add Office

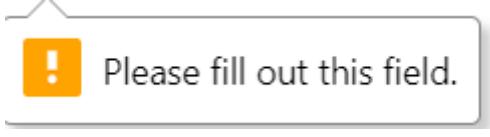
Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add Office	Displays a message “Created successfully”	 Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Office

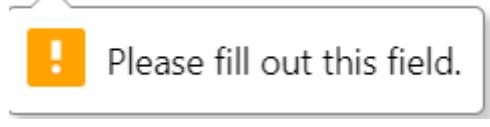
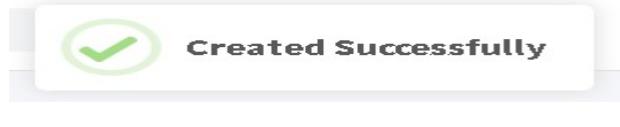
Input	Expected Output	Actual Output	Comment
Delete Office	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Office	Displays a message that “Updated Successfully”	 Updated Successfully	Success



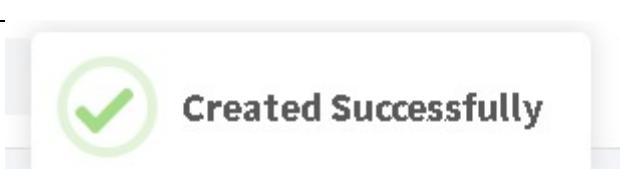
Add new respond

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	 Created Successfully	Success

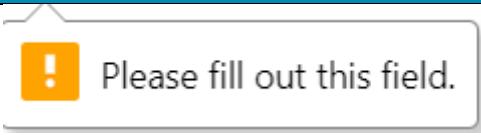
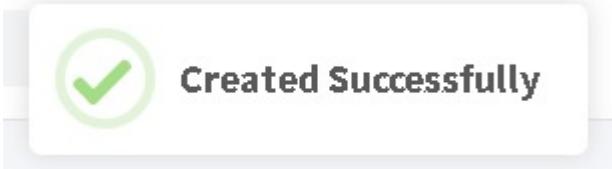
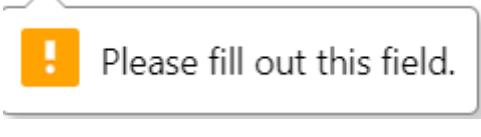
Add new violation

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	 Created Successfully	Success

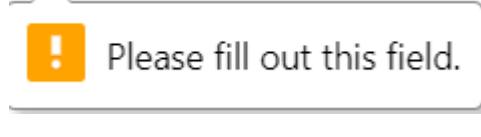
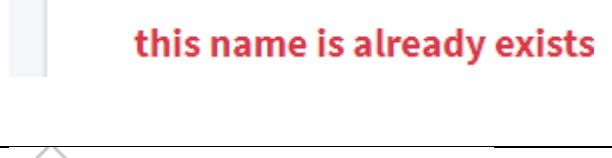
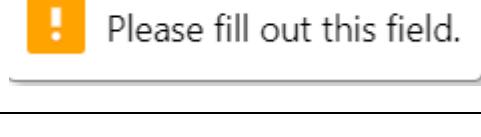
Add new violation for car license

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	 Created Successfully	Success

*Add new car license*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 ! Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	  Created Successfully	Success
Enter the violation name already registered	Displays a message that the data already exist	 this name is already exists	Success
Enter the English name without entering the Arabic name (some of fields not all of fields)	Displays a message that the form is not valid	 ! Please fill out this field.	Success

Add new car

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 ! Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	  Created Successfully	Success
Enter the car license already registered	Displays a message that the data already exist	 this name is already exists	Success
Enter the English name without entering the Arabic name	Displays a message that the form is not valid	 ! Please fill out this field.	Success



(some of fields not all of fields)			
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Add new citizen balance

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message "Created successfully"	 Created Successfully	Success

Show all complains

Input	Expected Output	Actual Output	Comment			
No input	Data will be displayed	Index <table border="1"><tr><td>Governement Name</td><td>Complains</td><td>National Id</td></tr></table>	Governement Name	Complains	National Id	Success
Governement Name	Complains	National Id				
No input	No data will be displayed	Index <table border="1"><tr><td>Governement Name</td><td>Complains</td><td>National Id</td></tr></table>	Governement Name	Complains	National Id	Success
Governement Name	Complains	National Id				

[Show all responds](#)

Input	Expected Output	Actual Output	Comment				
No input	Data will be displayed	<p>Index</p> <table> <thead> <tr> <th>Date</th> <th>Complain</th> <th>Respond</th> <th>National Id</th> </tr> </thead> </table>	Date	Complain	Respond	National Id	Success
Date	Complain	Respond	National Id				
No input	No data will be displayed	<p>Index</p> <table> <thead> <tr> <th>Date</th> <th>Complain</th> <th>Respond</th> <th>National Id</th> </tr> </thead> </table>	Date	Complain	Respond	National Id	Success
Date	Complain	Respond	National Id				

[Show all violations](#)

Input	Expected Output	Actual Output	Comment								
Select the fields you want to display data	Data will be displayed	<p>Index</p> <p>Violation</p> <p>Create New</p> <table> <thead> <tr> <th>Violation Name</th> <th>Violation Price</th> </tr> </thead> <tbody> <tr> <td>ewwww</td> <td>3232.00</td> </tr> <tr> <td>efefef</td> <td>1111.00</td> </tr> <tr> <td>fvvvv</td> <td>5555555.00</td> </tr> </tbody> </table>	Violation Name	Violation Price	ewwww	3232.00	efefef	1111.00	fvvvv	5555555.00	Success
Violation Name	Violation Price										
ewwww	3232.00										
efefef	1111.00										
fvvvv	5555555.00										
Not select any fields	No data will be displayed	<p>Index</p> <p>Violation</p> <p>Create New</p> <table> <thead> <tr> <th>Violation Name</th> <th>Violation Price</th> </tr> </thead> </table>	Violation Name	Violation Price	Success						
Violation Name	Violation Price										

[Show all violations of car license](#)

Input	Expected Output	Actual Output	Comment						
Select the fields you want to display data	Data will be displayed	<p>Index</p> <p>Create New</p> <p>Car Code</p> <table> <thead> <tr> <th>Citizen Name</th> <th>National Id</th> <th>car</th> <th>Violation</th> <th>Violation Price</th> <th>Date</th> </tr> </thead> </table>	Citizen Name	National Id	car	Violation	Violation Price	Date	Success
Citizen Name	National Id	car	Violation	Violation Price	Date				
Not select any fields	No data will be displayed	<p>Index</p> <p>Create New</p> <p>Car Code</p> <table> <thead> <tr> <th>Citizen Name</th> <th>National Id</th> <th>car</th> <th>Violation</th> <th>Violation Price</th> <th>Date</th> </tr> </thead> </table>	Citizen Name	National Id	car	Violation	Violation Price	Date	Success
Citizen Name	National Id	car	Violation	Violation Price	Date				

*Show all cars*

Input	Expected Output	Actual Output	Comment
No input	Data will be displayed	Index Create New Cars Marcides	Success
No input	No data will be displayed	Index Create New Cars	Success

Show all car license

Input	Expected Output	Actual Output	Comment
Select the fields you want to display data	Data will be displayed	Index Car Licence Create New National Id CarName Car Code Car Model start date end date	Success
Not select any fields	No data will be displayed	Index Car Licence Create New National Id CarName Car Code Car Model start date end date	Success

Show all citizen balance

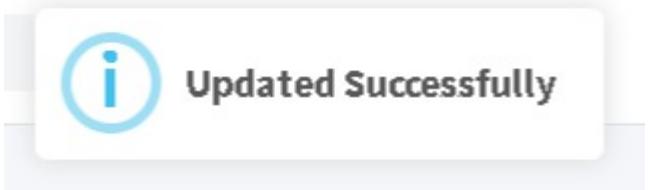
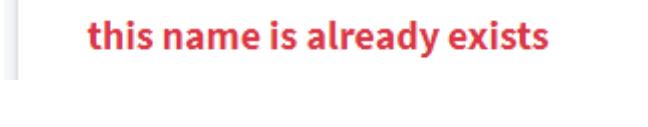
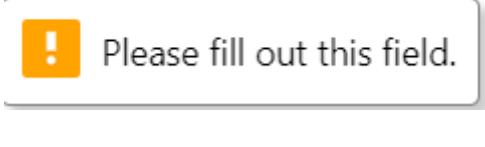
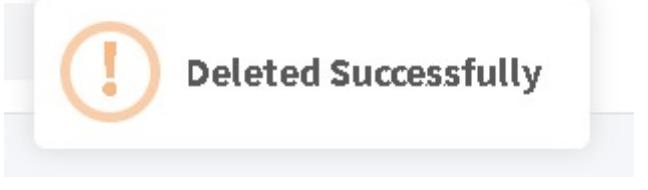
Input	Expected Output	Actual Output	Comment
Select the fields you want to display data	Data will be displayed	Index Create New Citizen Balance Citizen Name National Id	Success
Not select any fields	No data will be displayed	Index Create New Citizen Balance Citizen Name National Id	Success



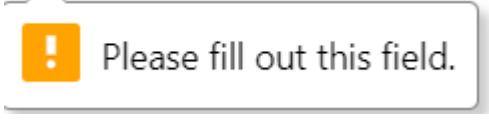
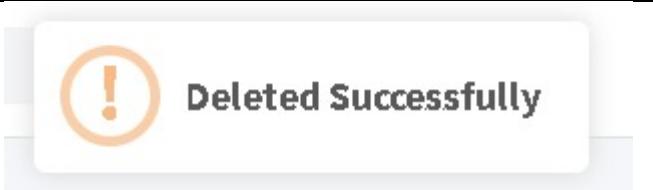
dit and delete respond

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 Please fill out this field.	Success
Enter all data in form	Displays a message "updated successfully"	 Updated Successfully	Success
Enter some of the fields not all the fields	Displays a message that the form is not valid	 Please fill out this field.	Success
No data entered	Displays a message "Deleted successfully"	 Deleted Successfully	Success

*Edit and delete violation*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid		Success
Enter all data in form	Displays a message "updated successfully"		Success
Enter the name already registered	Displays a message that the data already exist		Success
Enter some of the fields not all the fields	Displays a message that the form is not valid		Success
No data entered	Displays a message "Deleted successfully"		Success

*Edit and delete violation for car license*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 A validation error message box with an exclamation mark icon and the text "Please fill out this field.".	Success
Enter all data in form	Displays a message "updated successfully"	 A success message box with an information icon and the text "Updated Successfully".	Success
Enter some of the fields not all the fields	Displays a message that the form is not valid	 A validation error message box with an exclamation mark icon and the text "Please fill out this field.".	Success
No data entered	Displays a message "Deleted successfully"	 A success message box with an exclamation mark icon and the text "Deleted Successfully".	Success

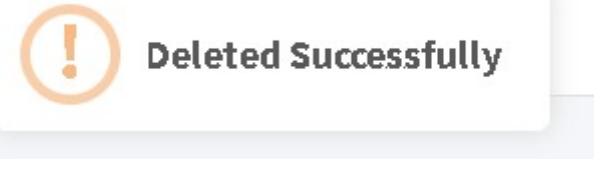


Edit and delete car license

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid		Success
Enter all data in form	Displays a message "updated successfully"		Success
Enter the code already registered	Displays a message that the data already exist		Success
Enter some of the fields not all the fields	Displays a message that the form is not valid		Success
No data entered	Displays a message "Deleted successfully"		Success

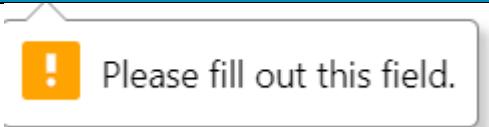


Edit and delete car

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid	 A validation error message box with an exclamation mark icon and the text "Please fill out this field."	Success
Enter all data in form	Displays a message "updated successfully"	 A success message box with an information icon and the text "Updated Successfully".	Success
Enter the name already registered	Displays a message that the data already exist	 An error message box with a red exclamation mark icon and the text "this name is already exists".	Success
Enter some of the fields not all the fields	Displays a message that the form is not valid	 A validation error message box with an exclamation mark icon and the text "Please fill out this field."	Success
No data entered	Displays a message "Deleted successfully"	 A success message box with an orange exclamation mark icon and the text "Deleted Successfully".	Success

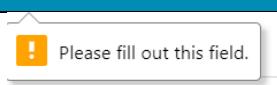
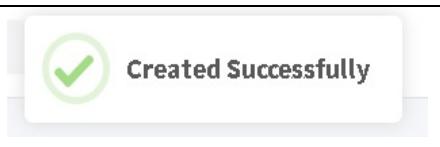


Edit and delete citizen balance

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that the form is not valid		Success
Enter all data in form	Displays a message "updated successfully"		Success
Enter some of the fields not all the fields	Displays a message that the form is not valid		Success
No data entered	Displays a message "Deleted successfully"		Success

ministry of health

Add Vaccination

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add Vaccination	Displays a message "Created successfully"		Success
	Displays a message that the data already exist		Success

*Show Vaccination*

Input	Expected Output	Actual Output	Comment
Delete Vaccination	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Vaccination	Displays a message that “Updated Successfully”	Updated Successfully	Success

Add Vaccination Type

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Vaccination Type	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Vaccination Type

Input	Expected Output	Actual Output	Comment
Delete Vaccination Type	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Vaccination Type	Displays a message that “Updated Successfully”	Updated Successfully	Success

*Add Vaccination Reservation*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Vaccination Reservation	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Vaccination Reservation

Input	Expected Output	Actual Output	Comment
Delete Vaccination Reservation	Displays a message "Deleted successfully"	Deleted Successfully	Success
Update Vaccination Reservation	Displays a message that "Updated Successfully"	Updated Successfully	Success

Add Health Cares

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Health Cares	Displays a message "Created successfully"	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success



Show Health Cares

Input	Expected Output	Actual Output	Comment
Delete Health Cares	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Health Cares	Displays a message that “Updated Successfully”	Updated Successfully	Success

Add Health Cares Types

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Health Cares Types	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show Health Cares Types

Input	Expected Output	Actual Output	Comment
Delete Health Cares Types	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Health Cares Types	Displays a message that “Updated Successfully”	Updated Successfully	Success

*Add Health Cares Schedule*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add Health Cares Schedule	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show Health Cares Schedule

Input	Expected Output	Actual Output	Comment
Delete Health Cares Schedule	Displays a message "Deleted successfully"	 Deleted Successfully	Success
Update Health Cares Schedule	Displays a message that "Updated Successfully"	 Updated Successfully	Success

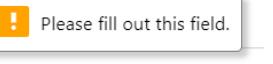
*Add Health Cares specialization*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add Health Cares specialization	Displays a message "Created successfully"		Success
	Displays a message that the data already exist		Success

Show Health Cares specialization

Input	Expected Output	Actual Output	Comment
Delete Health Cares specialization	Displays a message "Deleted successfully"		Success
Update Health Cares specialization	Displays a message that "Updated Successfully"		Success

Add Health Cares Doctor

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add Health Cares Doctor	Displays a message "Created successfully"		Success
	Displays a message that the data already exist		Success

*Show Health Cares Doctor*

Input	Expected Output	Actual Output	Comment
Delete Health Cares Doctor	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update Health Cares Doctor	Displays a message that “Updated Successfully”	 Updated Successfully	Success

real state registry of interest

Add RSRSI Branch

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add RSRSI Branch	Displays a message “Created successfully”	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show RSRSI Branch

Input	Expected Output	Actual Output	Comment
Delete RSRSI Branch	Displays a message “Deleted successfully”	 Deleted Successfully	Success
Update RSRSI Branch	Displays a message that “Updated Successfully”	 Updated Successfully	Success

*Add RSRSI Department*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add RSRSI Department	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

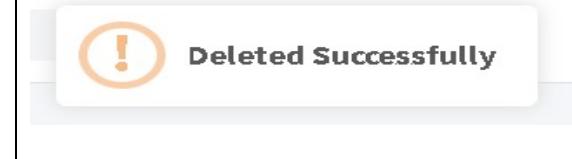
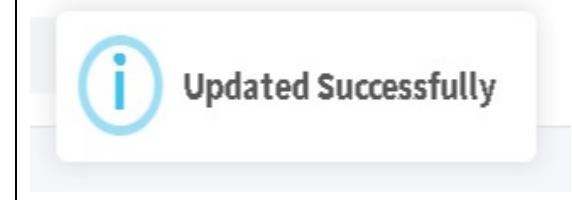
Show RSRSI Department

Input	Expected Output	Actual Output	Comment
Delete RSRSI Department	Displays a message "Deleted successfully"	 Deleted Successfully	Success
Update RSRSI Department	Displays a message that "Updated Successfully"	 Updated Successfully	Success

*Add RSRSI*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add RSRSI	Displays a message “Created successfully”		Success
	Displays a message that the data already exist		Success

Show RSRSI

Input	Expected Output	Actual Output	Comment
Delete RSRSI	Displays a message “Deleted successfully”		Success
Update RSRSI	Displays a message that “Updated Successfully”		Success

Add RSRSI Popular Contract

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field		Success
Add RSRSI Popular Contract	Displays a message “Created successfully”		Success
	Displays a message that the data already exist		Success



Show RSRSI Popular Contract

Input	Expected Output	Actual Output	Comment
Delete RSRSI Popular Contract	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update RSRSI Popular Contract	Displays a message that “Updated Successfully”	Updated Successfully	Success

Add RSRSI Report

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add RSRSI Report	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist	this name is already exists	Success

Show RSRSI Report

Input	Expected Output	Actual Output	Comment
Delete RSRSI Report	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update RSRSI Report	Displays a message that “Updated Successfully”	Updated Successfully	Success

*Add RSRSI Report Subject*

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add RSRSI Report Subject	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

Show RSRSI Report Subject

Input	Expected Output	Actual Output	Comment
Delete RSRSI Report Subject	Displays a message "Deleted successfully"	 Deleted Successfully	Success
Update RSRSI Report Subject	Displays a message that "Updated Successfully"	 Updated Successfully	Success

Add Areas Authority Request

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	 Please fill out this field.	Success
Add RSRSI Areas Authority Request	Displays a message "Created successfully"	 Created Successfully	Success
	Displays a message that the data already exist	 this name is already exists	Success

*Show Areas Authority Request*

Input	Expected Output	Actual Output	Comment
Delete RSRSI Areas Authority Request	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update RSRSI Areas Authority Request	Displays a message that “Updated Successfully”	Updated Successfully	Success

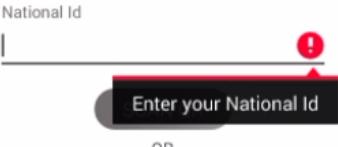
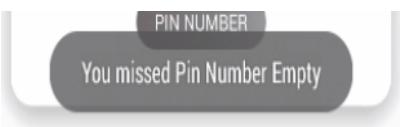
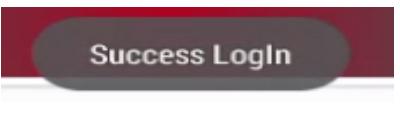
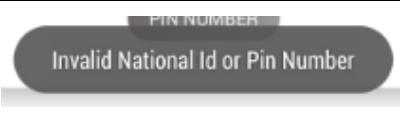
Add Property Taxes

Input	Expected Output	Actual Output	Comment
No data entered	Displays a message that please fill out this field	Please fill out this field.	Success
Add Property Taxes	Displays a message “Created successfully”	Created Successfully	Success
	Displays a message that the data already exist		Success

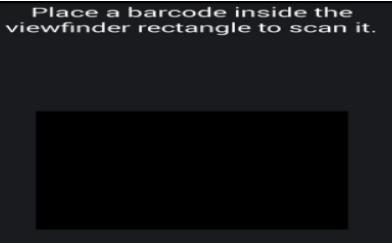
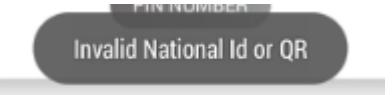
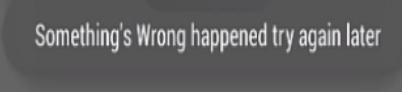
Show Property Taxes

Input	Expected Output	Actual Output	Comment
Delete Property Taxes	Displays a message “Deleted successfully”	Deleted Successfully	Success
Update Property Taxes	Displays a message that “Updated Successfully”	Updated Successfully	Success

*Login with pin number*

Input	Expected Output	Actual Output	Comment
No national id entered	Displays a message “Enter your National Id”		Success
Enter national id and click on pin number	Displays popup screen to enter pin number		Success
No pin number entered	Displays a message “you missed pin number Empty”		Success
Enter valid pin number and national id	Displays a message “Success Login”		Success
Enter invalid pin number or national id	Displays a message “Invalid national id or pin number”		
No internet connection	Displays a message “Something's wrong happened try again later”		Success

*Login with QR code*

Input	Expected Output	Actual Output	Comment
No national id entered	Displays a message “Enter your National Id”		Success
Enter national id and click on Scan QR	Displays popup Scan screen		Success
Scan valid QR code and national id	Displays a message “Success Login”		Success
Scan Invalid QR code or National Id	Displays a message “Invalid national id or QR”		Success
No internet connection	Displays a message “Something's wrong happened try again later”		Success

*Book appointment with doctor*

Input	Expected Output	Actual Output	Comment
No select healthcare place	Displays red mark on missed place	HealthCare !	Success
No select doctor	Displays red mark on missed place	Doctor !	Success
No select appointment	Displays red mark on missed place	Appointments !	Success
Book in appointment	Displays a message "Successfully reserved check your email to know the details"	"successfully reserved check your email to know the details" Cairo	Success
Book in appointment and day is full	Displays a message "day is full choose another date"	"day is full choose another date" Cairo	Success
Book in appointment you already has reserved it	Displays a message "You are already reserved on this day"	"you are already reserved on this day"	Success



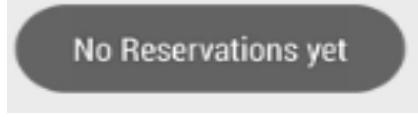
Book appointment to vaccination

Input	Expected Output	Actual Output	Comment
No select child to vaccinate	Displays red mark on missed place	Child !	Success
No select Vaccination type	Displays red mark on missed place	Vaccination Type !	Success
No select healthcare place	Displays red mark on missed place	HealthCare !	Success
No select appointment	Displays red mark on missed place	Appointments !	Success
Book in appointment	Displays a message "Successfully reserved check your email to Know the details"	"successfully reserved check your email to know the details" Cairo	Success
Book in appointment and day is full	Displays a message "day is full choose another date"	"day is full choose another date"	Success
Book appointment to child already vaccinate	Displays a message "your child is vaccinated"	"your child is vaccinated"	Success
Book in appointment you already has reserved it	Displays a message "You are already reserved on this day"	"you are already reserved on this day"	Success

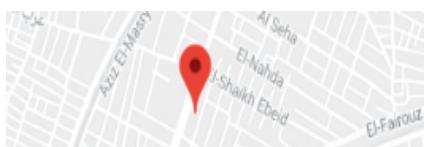
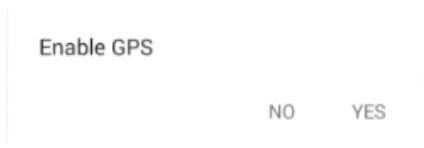
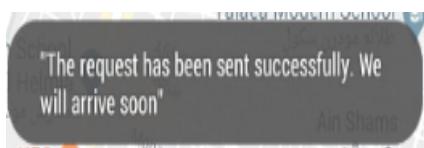
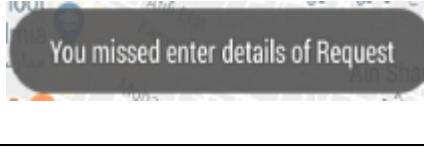
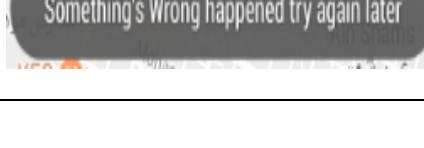
*Show reservation of doctor appointments*

Input	Expected Output	Actual Output	Comment
List doctor reservations	Display list of reservation		Success
List doctor reservations and there is no reservations	Displays a message “No reservations yet”		Success

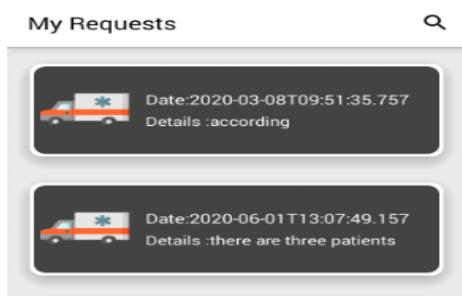
Show reservations of vaccination appointment

Input	Expected Output	Actual Output	Comment
List vaccination reservations	Display list of reservation		Success
List vaccination reservations and there is no reservations	Displays a message “No reservations yet”		Success

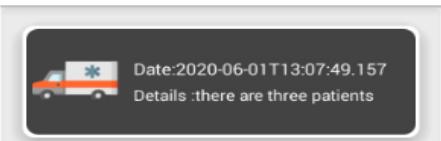
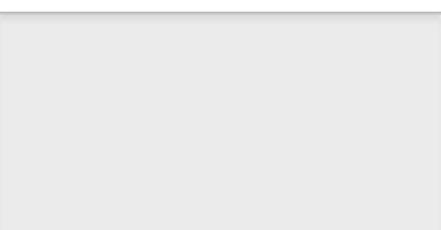
*Request an ambulance*

Input	Expected Output	Actual Output	Comment
Request ambulance and GPS is on	Open map and marker on current location		Success
Request ambulance and GPS is off	Displays popup screen to open it		Success
Enter details	Display successful message “the request has been sent successfully, we will arrive soon”		Success
No enter details	Display successful message “You missed enter details of request”		Success
Enter much text in details	Displays a message “Something's wrong happened try again later”		Success

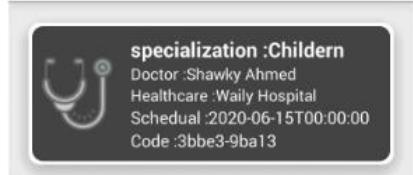
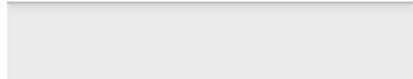
*Show requests of ambulance*

Input	Expected Output	Actual Output	Comment
List requests of ambulance	Display list of requests		Success
List requests of ambulance and there is no requests	Displays a message “No information yet”		Success

Search on List of Doctor Reservations

Input	Expected Output	Actual Output	Comment
Search by data of existing request	Display matched request only in screen		Success
Search by data of not in existing request	Display empty screen		Success

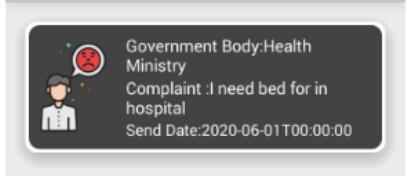
*Search on List of vaccination Reservations*

Input	Expected Output	Actual Output	Comment
Search by data of existing doctor reservation	Display matched doctor reservation only in screen	<p>chil </p> 	Success
Search by data of not in existing doctor reservation	Display empty screen	<p>heart x </p> 	Success

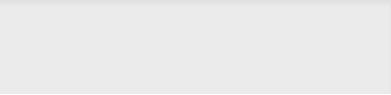
Search on List of Complaints

Input	Expected Output	Actual Output	Comment
Search by data of existing vaccination reservation	Display matched vaccination reservation only in screen	<p>pd </p> 	Success
Search by data of not in existing vaccination reservation	Display empty screen	<p>plagus </p> 	Success

*Search on List of Traffic violations*

Input	Expected Output	Actual Output	Comment
Search by data of existing complaint	Display matched complaint only in screen	<p>2020-06</p> 	Success
Search by data of not in existing complaint	Display empty screen	<p>2020-04</p> 	Success

search by data of existing traffic

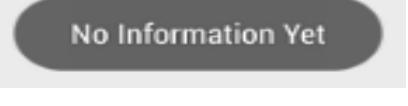
Input	Expected Output	Actual Output	Comment
Search by data of existing Traffic violation	Display matched Traffic violation only in screen	<p>132</p> 	Success
Search by data of not in existing Traffic violation	Display empty screen	<p>321</p> 	Success



Show Traffic violations

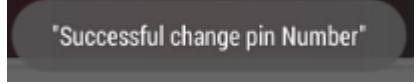
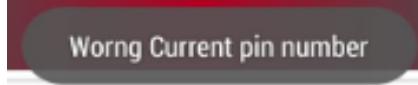
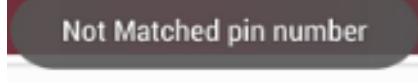
Input	Expected Output	Actual Output	Comment
List traffic violations	Display list of traffic violation		Success
List traffic violations and there is no violations	Displays a message “No information yet”		Success

Show Complaint list

Input	Expected Output	Actual Output	Comment
List complaints	Display list of complaints.		Success
List complaints and there is no complaints	Displays a message “No information yet”		Success



Change password

Input	Expected Output	Actual Output	Comment
Enter current pin number and new pin number	Displays a message “Successful change pin number”		Success
No enter current pin number	Displays a message “you missed current pin number empty”		Success
No enter new pin number	Displays a message “you missed new pin number empty”		Success
Enter wrong current pin number	Displays a message “wrong current pin number”		Success
Enter pin number in un specified range	Displays a message “new pin number must greater than 8 character”		Success
Enter wrong confirm pin number	Displays a message “not matched pin number”		Success



Cancel Doctor Reservation

Input	Expected Output	Actual Output	Comment
Cancel coming doctor reservation	Displays a message “Reservation canceled”	"Reservation Canceled"	Success
Cancel old doctor reservation	Displays a message “An old reservation can't be canceled”	"An old reservation cannot be canceled"	Success

Cancel Vaccination Reservation

Input	Expected Output	Actual Output	Comment
Cancel coming vaccination reservation	Displays a message “Reservation canceled”	"Reservation Canceled"	Success
Cancel old vaccination reservation	Displays a message “An old reservation can't be canceled”	"An old reservation cannot be canceled"	Success



Show Responses of Complaints

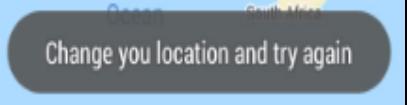
Input	Expected Output	Actual Output	Comment
Show Response of complaint	Display response of complaints.	Details : Replay Date:2020-02-05T00:00:00 Replay:we are working on your problem and will solve soon CANCEL	Success
Show response of complaint and there is no response of complaint	Displays a message “No Respond yet”		Success

Show Hospitals

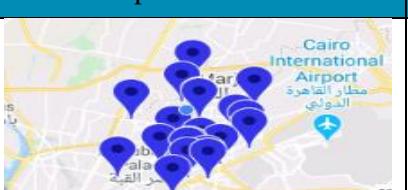
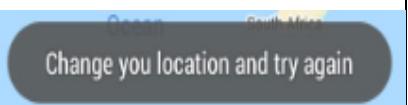
Input	Expected Output	Actual Output	Comment
Show Hospitals and GPS is on	Display map and markers on hospitals near citizen		Success
Show Hospitals and GPS is off	Displays popup screen to open it	Enable GPS NO YES	Success
Show Hospitals and can't determine them	Displays a message “change your location and try again”		Success



Show Schools

Input	Expected Output	Actual Output	Comment
Show Schools and GPS is on	Display map and markers on Schools near citizen		Success
Show Schools and GPS is off	Displays popup screen to open it	<p>Enable GPS</p> <p>NO YES</p>	Success
Show Schools and can't determine them	Displays a message “Change your location and try again”		Success

Show restaurants

Input	Expected Output	Actual Output	Comment
Show Restaurants and GPS is on	Display map and markers on Restaurants near citizen		Success
Show Restaurants and GPS is off	Displays popup screen to open it	<p>Enable GPS</p> <p>NO YES</p>	Success
Show Restaurants and can't determine them	Displays a message “Change your location and try again”		Success

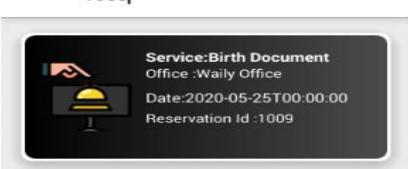
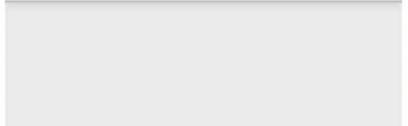
*list request of government*

Input	Expected Output	Actual Output	Comment
List Requests of Government body	Display list of Request		Success
List Requests of Government body and there is no requests	Displays a message "No Requests yet"		Success

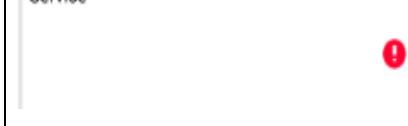
list reservation of government body

Input	Expected Output	Actual Output	Comment
List Reservations of Government body	Display list of Reservations		Success
List Reservations of Government body and there is no Reservations	Displays a message "No Requests yet"		Success

*search data of reservations of government body*

Input	Expected Output	Actual Output	Comment
Search by data of existing Reservations of Government body	Display matched Reservations of Government body only in screen		Success
Search by data of not in existing Reservations of Government body	Display empty screen		Success

request service

Input	Expected Output	Actual Output	Comment
No select government body	Displays red mark on missed place		Success
No select Services	Displays red mark on missed place		Success
No Enter address of revived place	Displays a message "Please enter your address"		Success
Send request of service	Displays a message "Successful send"		Success
Send request for service already requested and same date	Displays a message "Already requested the same services"		Success

*book appointment in government*

Input	Expected Output	Actual Output	Comment
No select date of reservation	Displays red mark on missed place and display message 'Select Date'	Date  Select Date	Success
No select Government Body	Displays red mark on missed place	Government Body 	Success
No select office of Government body	Displays red mark on missed place	Office 	Success
No select service of Government body	Displays red mark on missed place	Services 	Success
Book in selected date	Displays a message "Successful reserved"	"Successful Reserved"	Success
Book in appointment and day is full	Displays a message "day is full choose another date"	"day is full choose another date"	Success
Book in appointment you already has reserved it	Displays a message "you have reserved in this office once at that date"	"you have reserved in this office once at that date"	Success



Chapter 7: System Deployment



7.1. TOOLS SETUP

7.1.1 GSE Packages

- Android Studio
- SQL Server 2014
- Visual Studio 2019

7.1.2 Packages Installation

7.1.2.1 *Android Studio*

Get started with Android Studio

Android Studio is Google's officially supported IDE for developing Android apps. This IDE is based on IntelliJ IDEA, which offers a powerful code editor and developer tools. Android Studio 3.2.1 includes the following features:

- A flexible Gradle-based build system
- A fast and feature-rich emulator
- A unified environment where you can develop for all Android devices
- Instant Run to push changes to your running app without building a new APK
- Code templates and GitHub integration to help you build common app features and import sample code
- Extensive testing tools and frameworks
- Lint tools to help you catch performance, usability, version compatibility, and other problems
- C++ and NDK support
- Built-in support for Google Cloud Platform, making it easy to integrate Google Cloud Messaging and Google App Engine
- Plugin architecture for extending Android Studio via plugins

Download Android Studio

Google provides Android Studio for the Windows, Mac OS X, and Linux platforms. You can [download Android Studio](#) from the Android Studio homepage, where you'll also find the traditional SDKs with Android Studio's command-line tools. Before downloading Android Studio, make sure your platform meets the following:

Windows requirements

- Microsoft Windows 7/8/10 (32-bit or 64-bit)
- 3 GB RAM minimum, 8 GB RAM recommended (plus 1 GB for the Android Emulator)
- 2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Mac OS requirements

- Mac OS X 10.10 (Yosemite) or higher, up to 10.13 (High Sierra)
- 3 GB RAM minimum, 8 GB RAM recommended (plus 1 GB for the Android Emulator)



- 2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Linux OS requirements

- GNOME or KDE desktop. Tested on Ubuntu 14.04 LTS, Trusty Tahr (64-bit distribution capable of running 32-bit applications)
- 64-bit distribution capable of running 32-bit applications
- GNU C Library (glibc) 2.19 or later
- 3 GB RAM minimum, 8 GB RAM recommended (plus 1 GB for the Android Emulator)
- 2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Once you've ensured that your operating system is compatible with Android Studio 3.2.1 or higher, download the appropriate Android Studio distribution file. The Android Studio download page auto-detected that I'm running a 64-bit Windows operating system and selected [android-studio-ide-181.5056338-windows.exe](#) (927 MB) for me to download.

Installing Android Studio on 64-bit Windows 10

I launched [android-studio-ide-181.5056338-windows.exe](#) to start the installation process. The installer responded by presenting the **Android Studio Setup** dialog box shown in Figure 1.



Figure 1. Set up Android Studio

Clicking **Next** took me to the following panel, which provides the option to decline installing an Android Virtual Device (AVD).

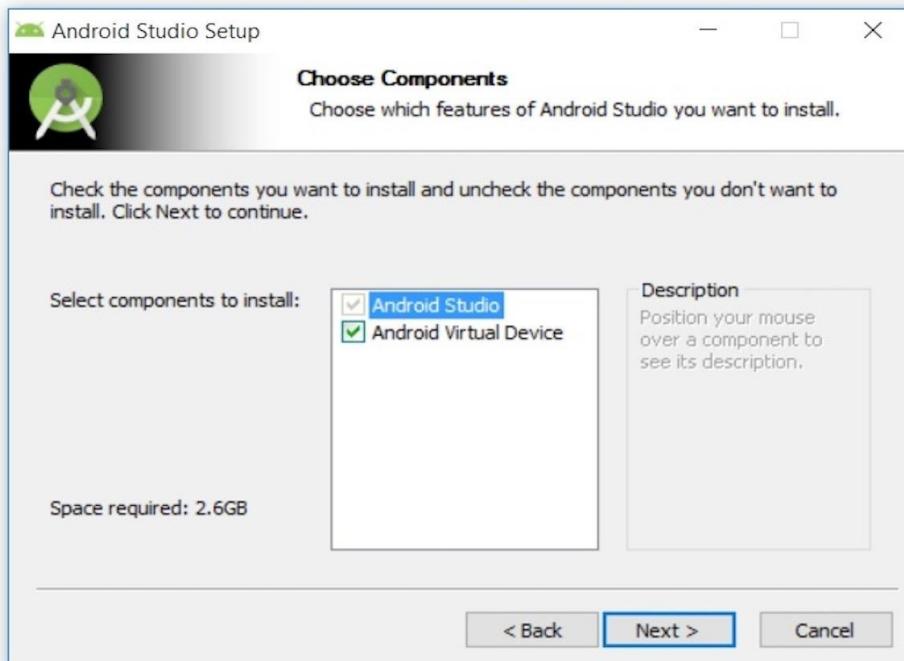


Figure 2. Install an Android AVD.

I chose to keep the default settings. After clicking **Next**, I was taken to the **Configuration Settings** panel, where I was asked to choose where to install Android Studio.

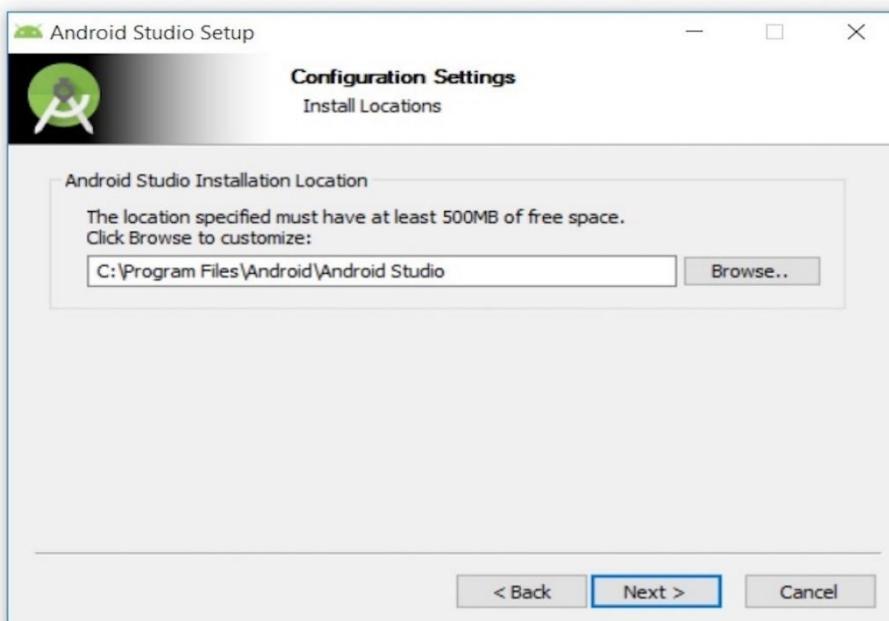


Figure 3. The installation location must have at least 500 MB free space



I kept the default installation location and clicked **Next**, and was greeted with the **Choose Start Menu Folder** panel.

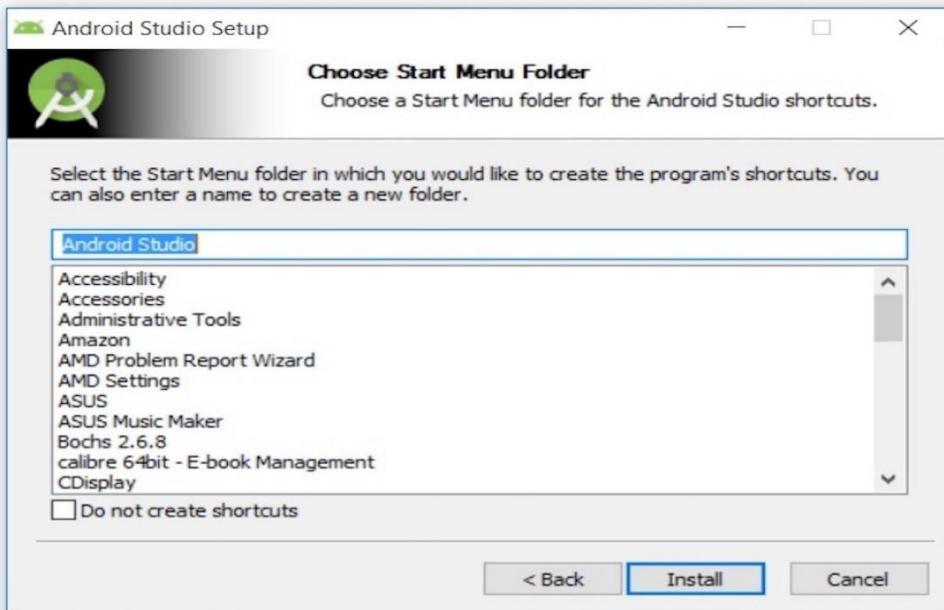


Figure 4. Select the folder in which to store Android Studio shortcuts

I kept the default setting and clicked **Install**. The following **Installing** panel appeared:

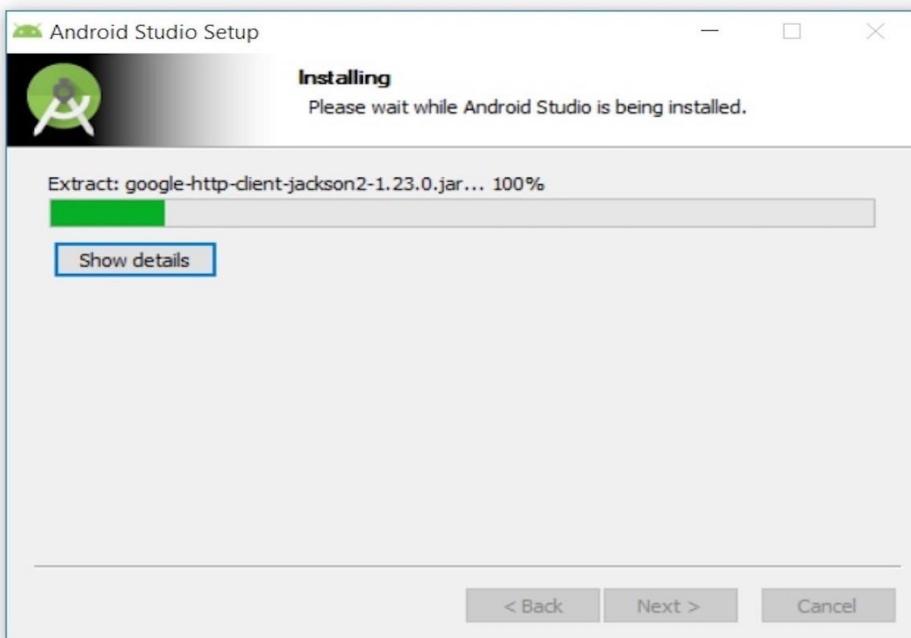


Figure 5. This panel shows the progress of the installation



Clicking **Show details** causes the names of files being installed and other activities to be displayed. When installation finished, the **Installation Complete** panel appeared.

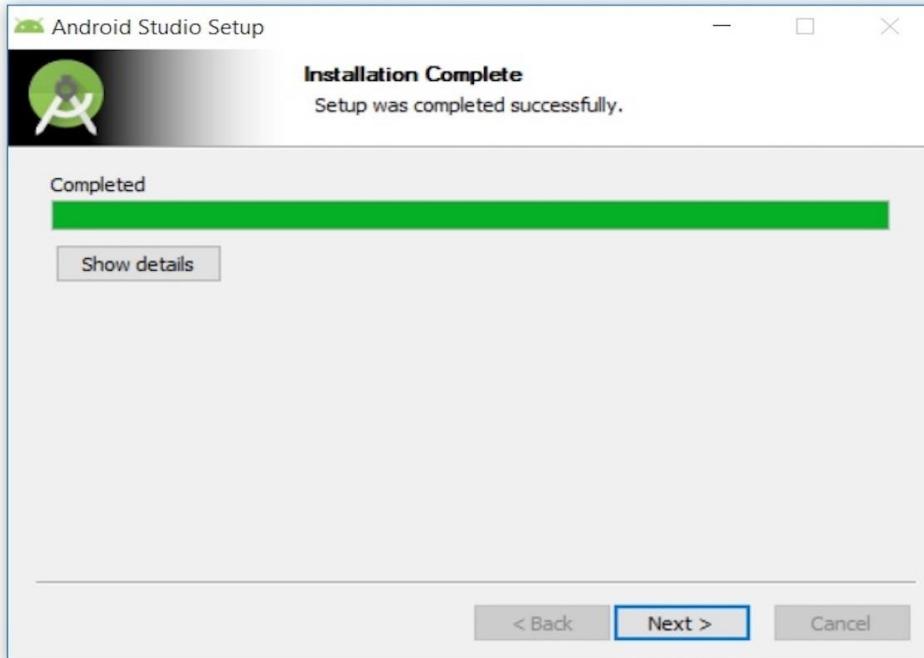


Figure 6. The Next button is enabled when installation completes



After clicking **Next**, the installer presented the **Completing Android Studio Setup** panel.

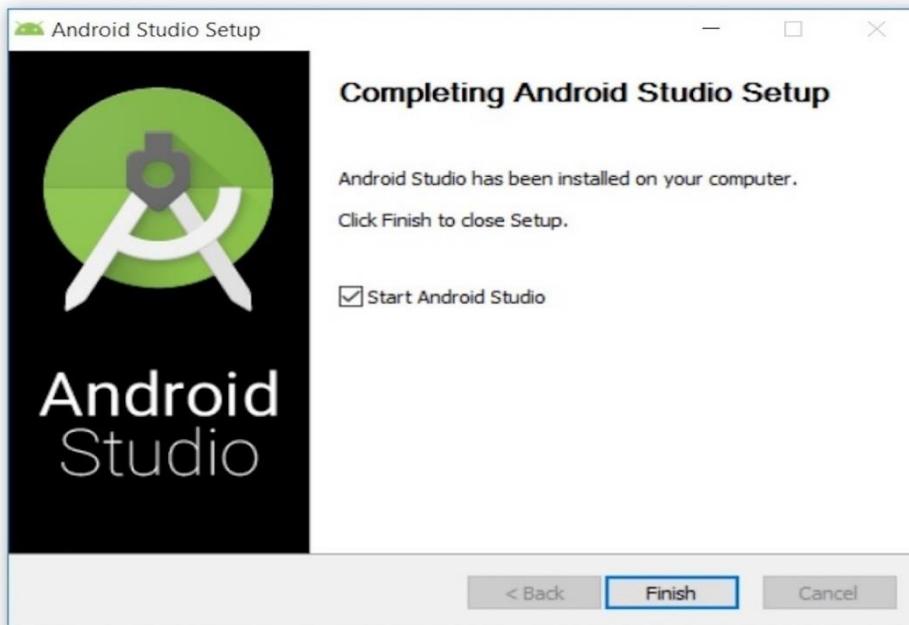


Figure 7. Leave the Start Android Studio checkbox checked to run this software

To complete the installation, I left the **Start Android Studio** box checked and clicked **Finish**.

Running Android Studio

The first time Android Studio runs, it presents a **Complete Installation** dialog box that offers the option of importing settings from a previous installation.

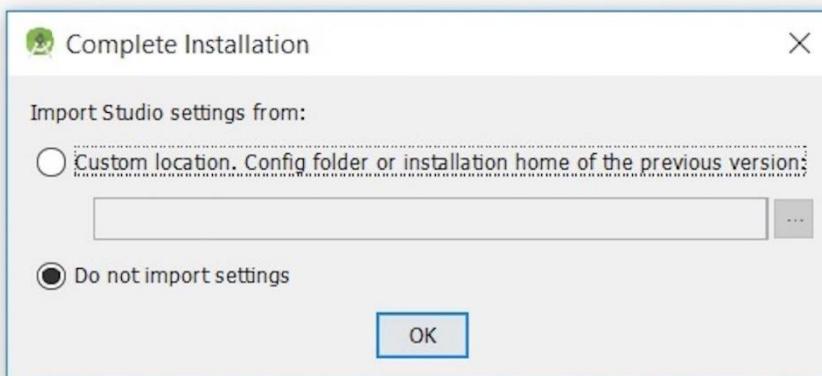


Figure 8. A previous installation's settings can be imported



I chose not to import settings (the default selection) and clicked **OK**, and was rewarded with the following splash screen:



Figure 9. Android Studio's splash screen

I also observed the following **Finding Available SDK Components** message box.



Figure 10. Android Studio downloads any SDK components that are needed (and available)

At this point, Android Studio presented the following **Android Studio Setup Wizard** dialog box:

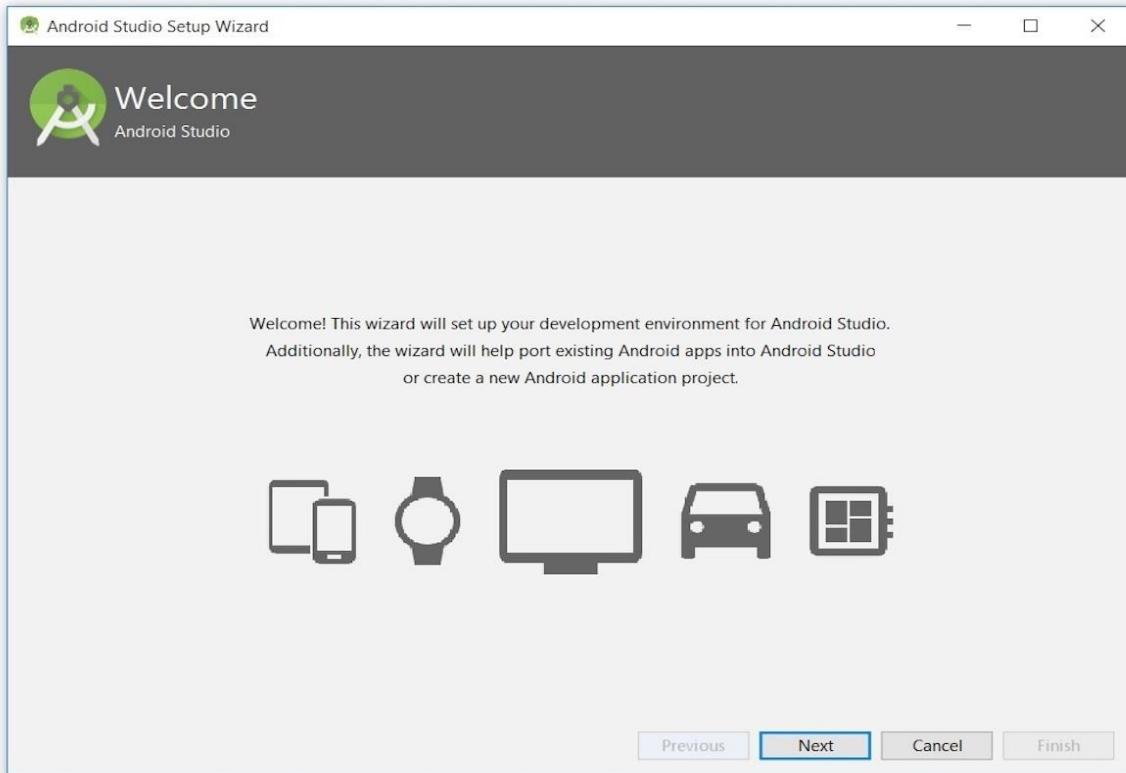


Figure 11. The wizard provides setup and app-porting capabilities

I clicked **Next**, and the wizard invited me to select an installation type. I kept the default standard setting.

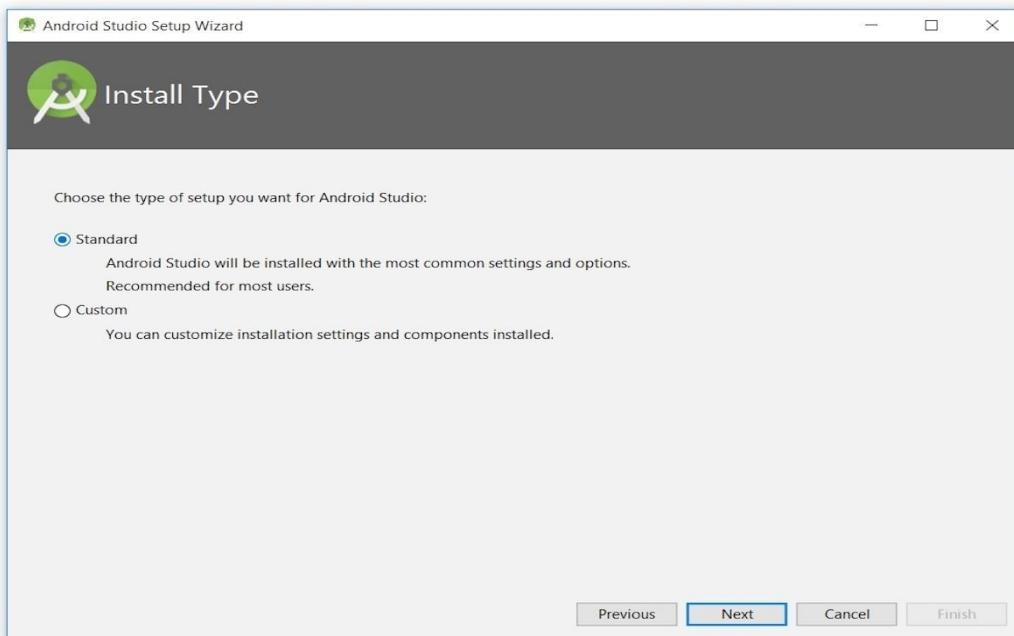


Figure 12. Choose an installation type

I was then given the opportunity to choose a user interface theme.

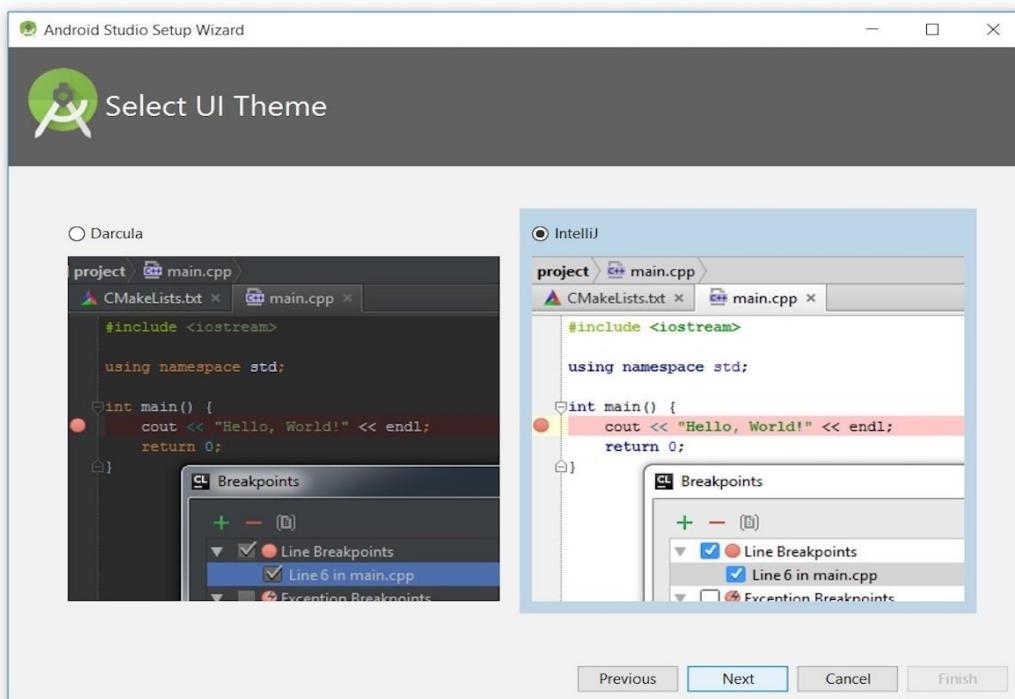


Figure 13. Put the bite on Android Studio by choosing the Darcula theme

I kept the default **IntelliJ** setting and clicked **Next**. Android Studio next provided the opportunity to verify settings.

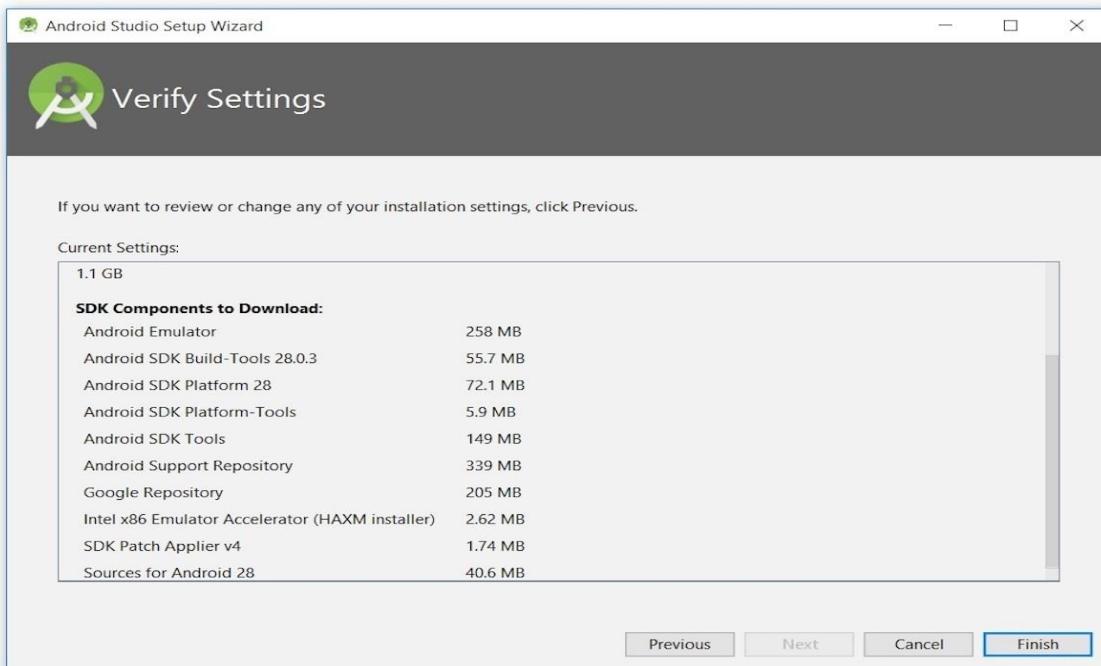


Figure 14. Android Studio identifies additional SDK components that will be downloaded (click to enlarge)

I clicked **Finish** and Android Studio began the process of downloading SDK components.

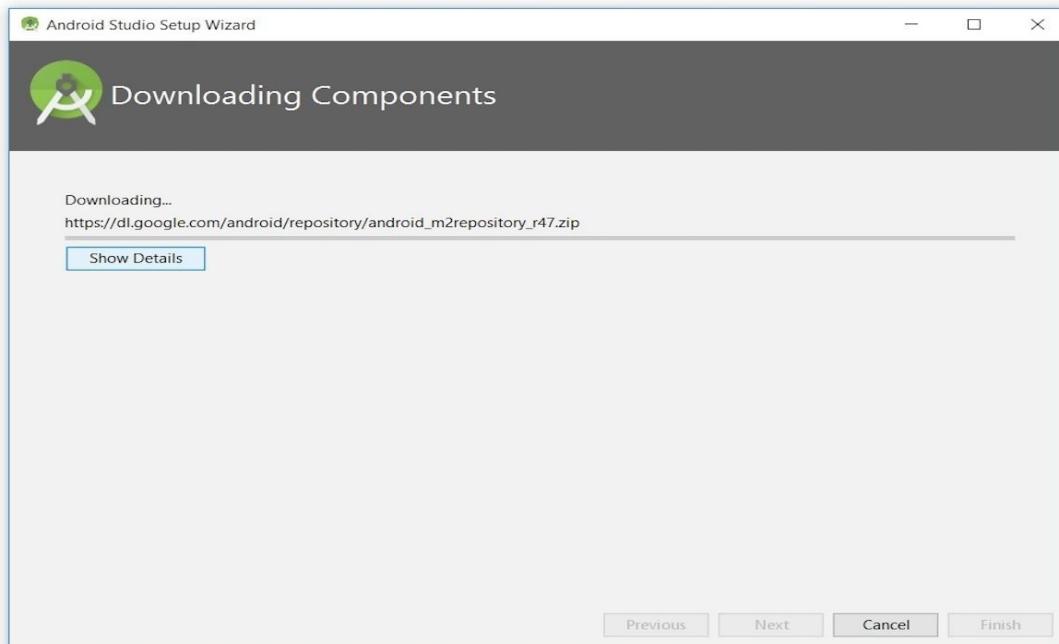


Figure 15. The wizard downloads and unzips SDK components



It can take several minutes for this part of the setup to finish. Clicking **Show Details** might relieve some boredom by revealing the various files being downloaded and unzipped.

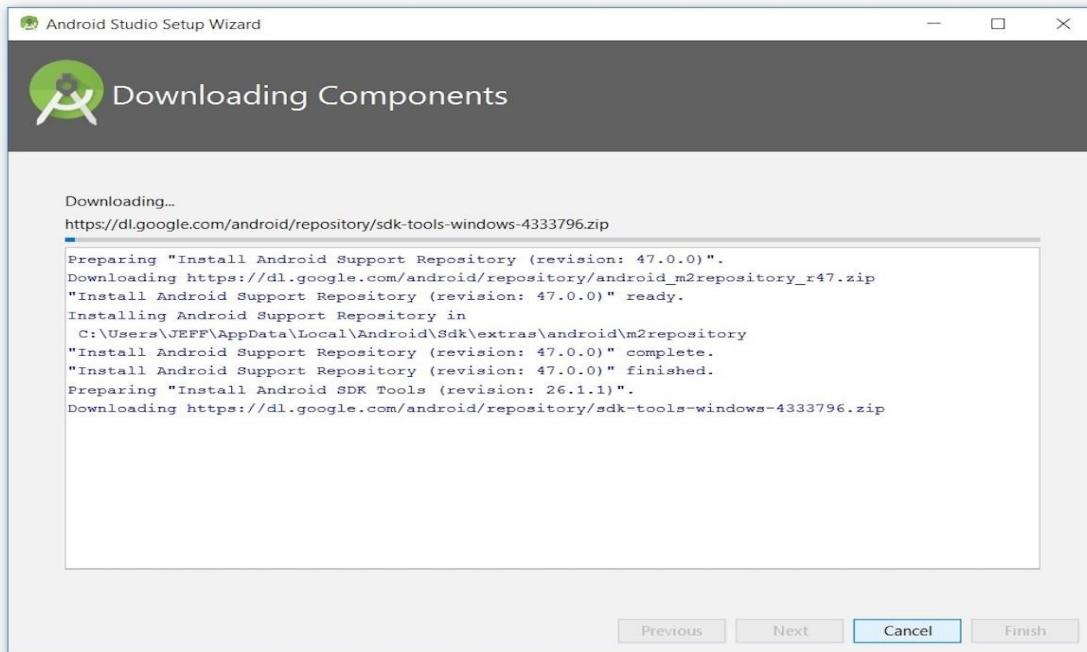


Figure 16. The wizard identifies the various archives being downloaded

For my AMD-based computer, an unpleasant surprise waits after the components had completely downloaded and unzipped:

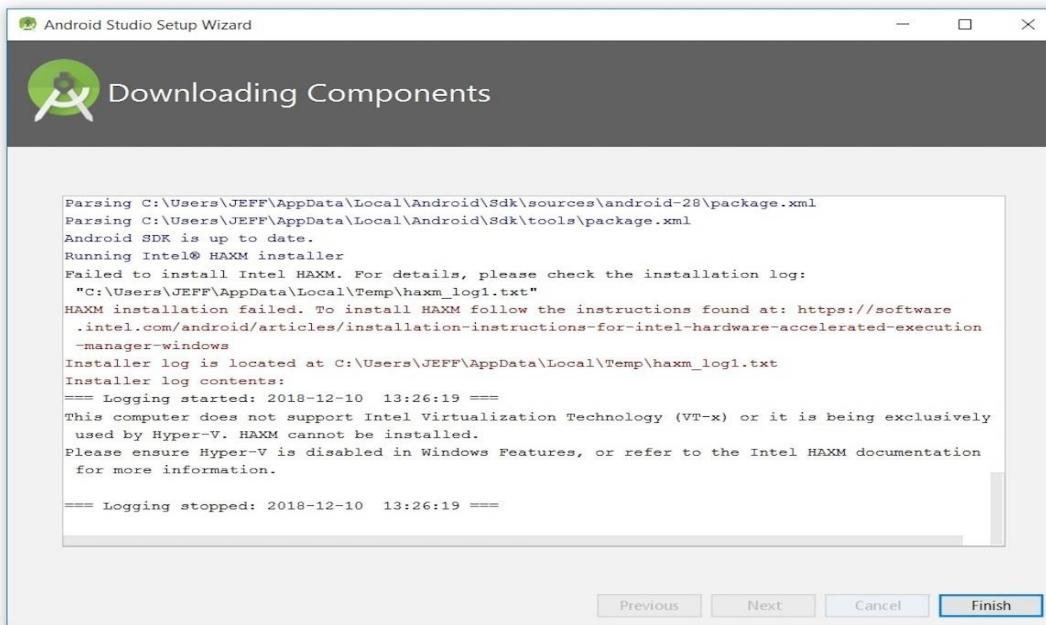


Figure 17. Intel-based hardware acceleration is unavailable



My options are to either put up with the slow emulator or use an Android device to speed up development. In Part 3 I'll show you how I resolved this issue.

Finally, I clicked **Finish** to complete the wizard. The **Welcome to Android Studio** dialog box appeared.

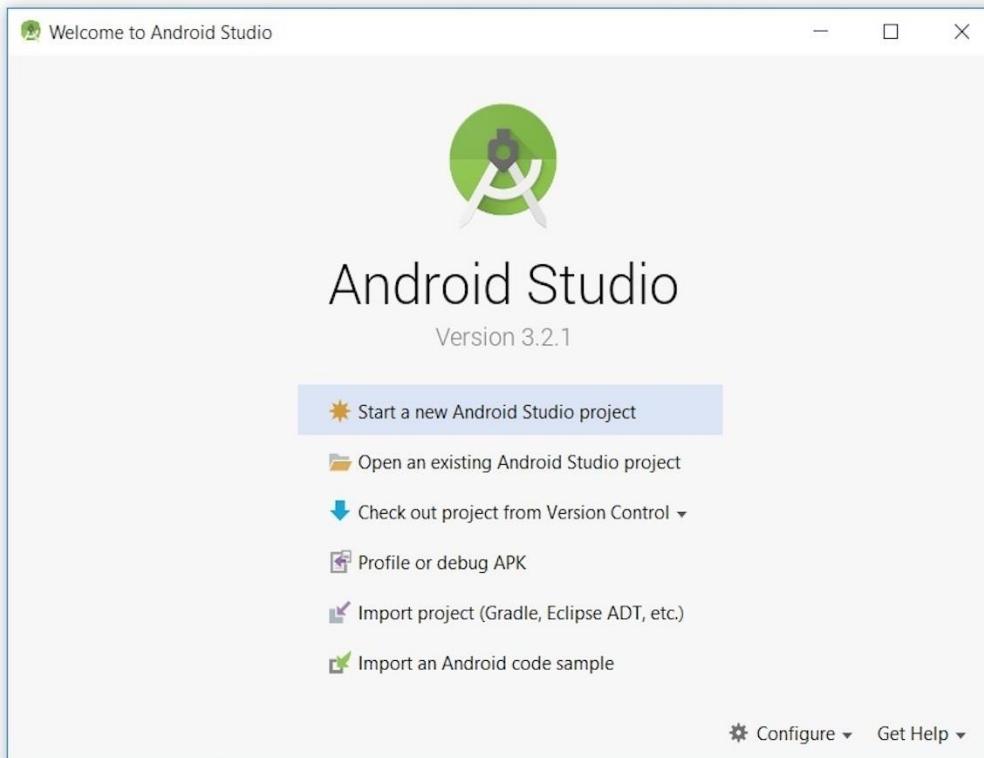


Figure 18. Welcome to Android Studio

This dialog box is used to start up a new Android Studio project, work with an existing project, and more. It can be accessed by selecting **Android Studio** from the Windows **Start** menu, or the equivalent on another platform.

Your first Android Studio mobile app

The quickest way to get to know Android Studio is to use it to develop an app. We'll start with a variation on the "Hello, World" application: a little mobile app that displays a "Welcome to Android" message.

In the steps that follow, you'll start a new Android Studio project and get to know the main window, including the editor window that you'll use to code the app in Part 2.

Starting a new project



From our setup so far, you should still have Android Studio running with the **Welcome to Android Studio** dialog box. From here, click **Start a new Android Studio project**. Android Studio will respond with the **Create New Project** dialog box shown in Figure 19.

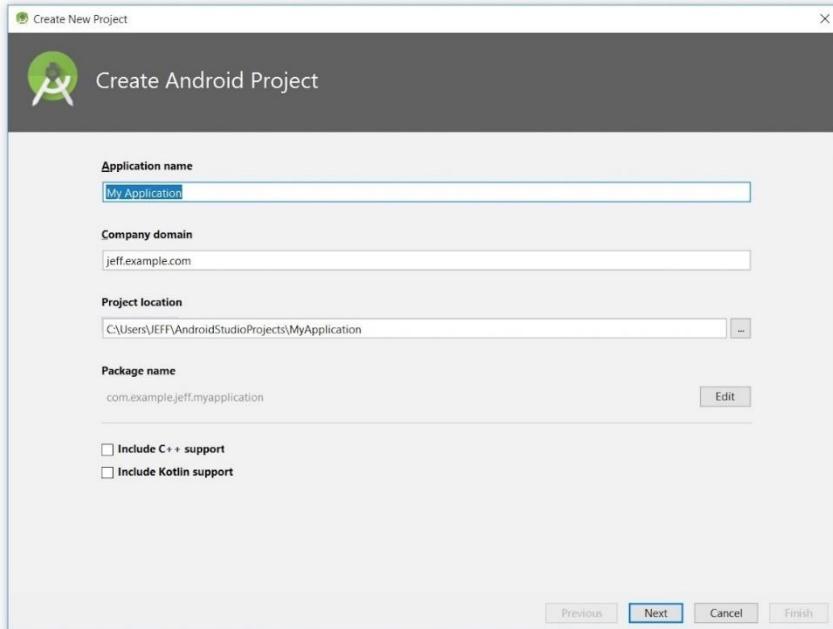


Figure 19. Create a new Android project

Enter **W2A** (Welcome to Android) as the application name and **javajeff.ca** as the company domain name. On my desktop, I observed **C:\Users\JEFF\AndroidStudioProjects\W2A** as the project location. Click **Next** to select your target devices.

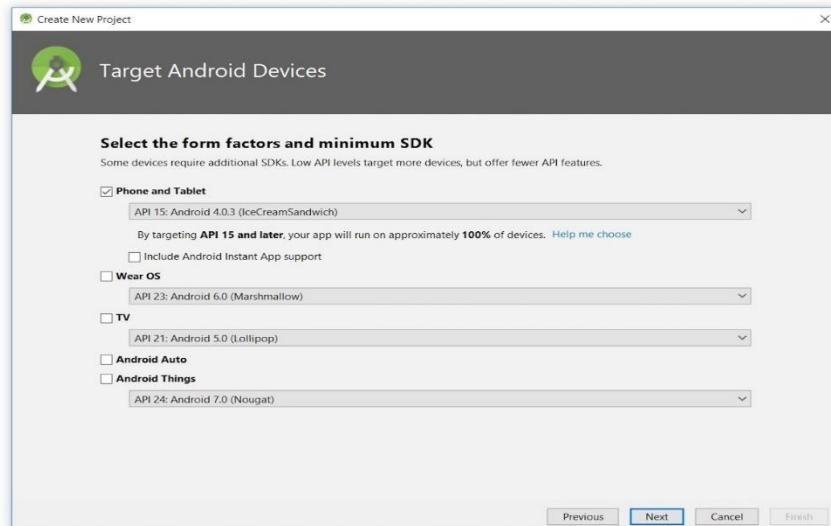


Figure 20. Select your target device categories



Android Studio lets you select *form factors*, or categories of target devices, for every app you create. I kept the default setting.

Click **Next**, and you will be given the opportunity to choose a template for your app's main activity. For now we'll stick with **Empty Activity**. Select this template (if necessary) and click **Next**.

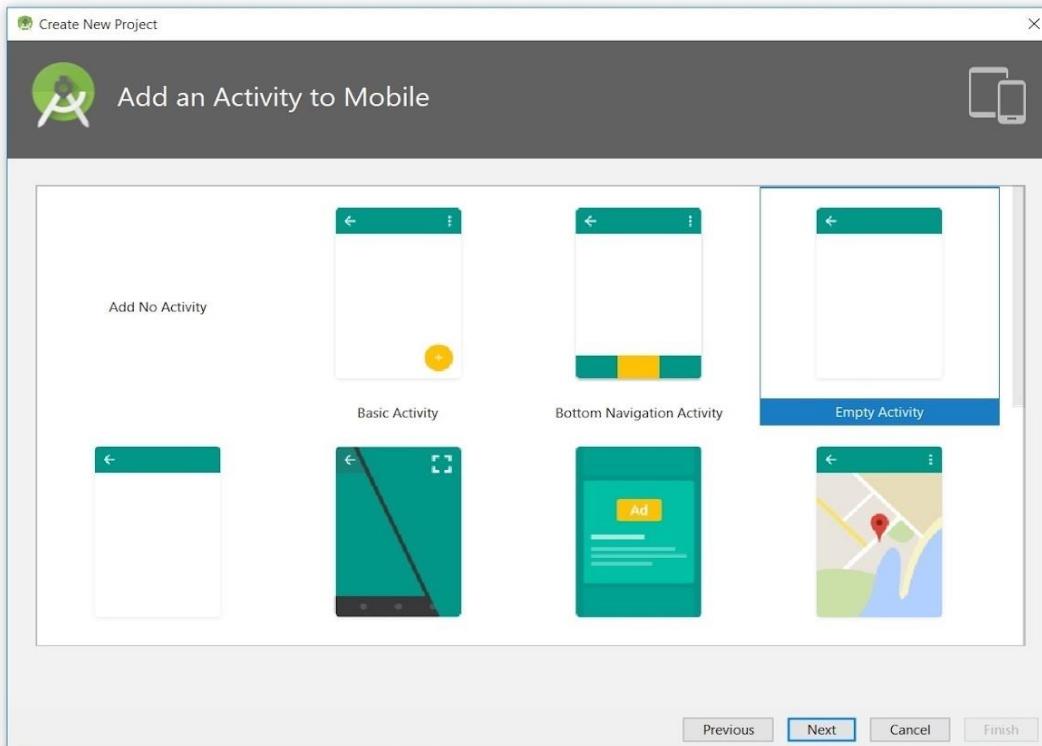


Figure 21. Specify an activity template



Next you'll customize the activity:

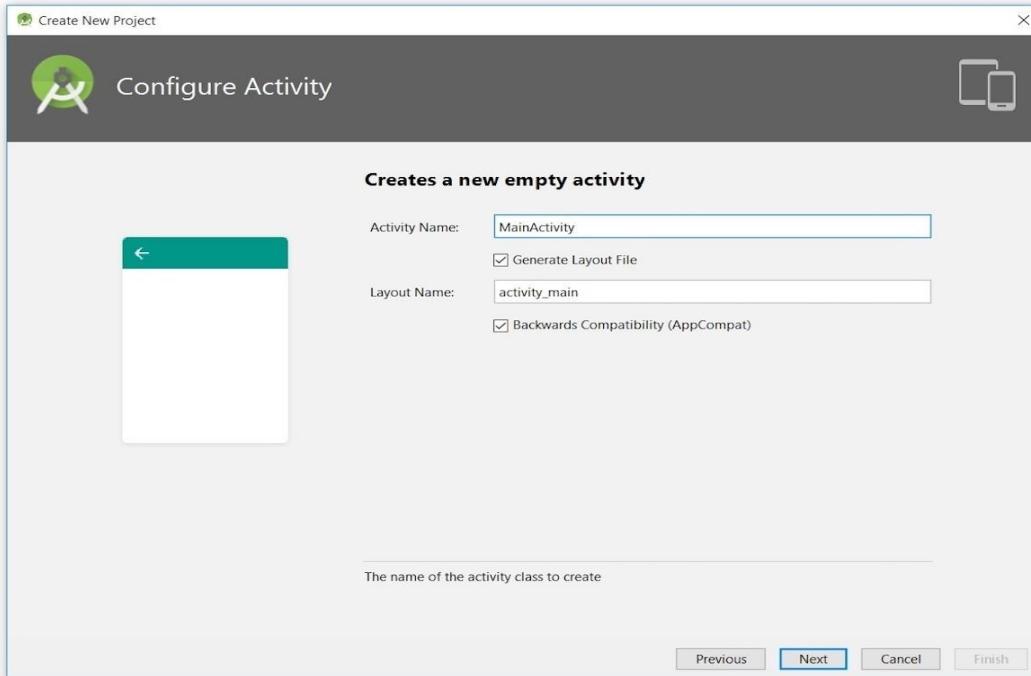


Figure 22. Customize your activity

Enter **W2A** as the activity name and **main** as the layout name, and click **Next** to complete this step.

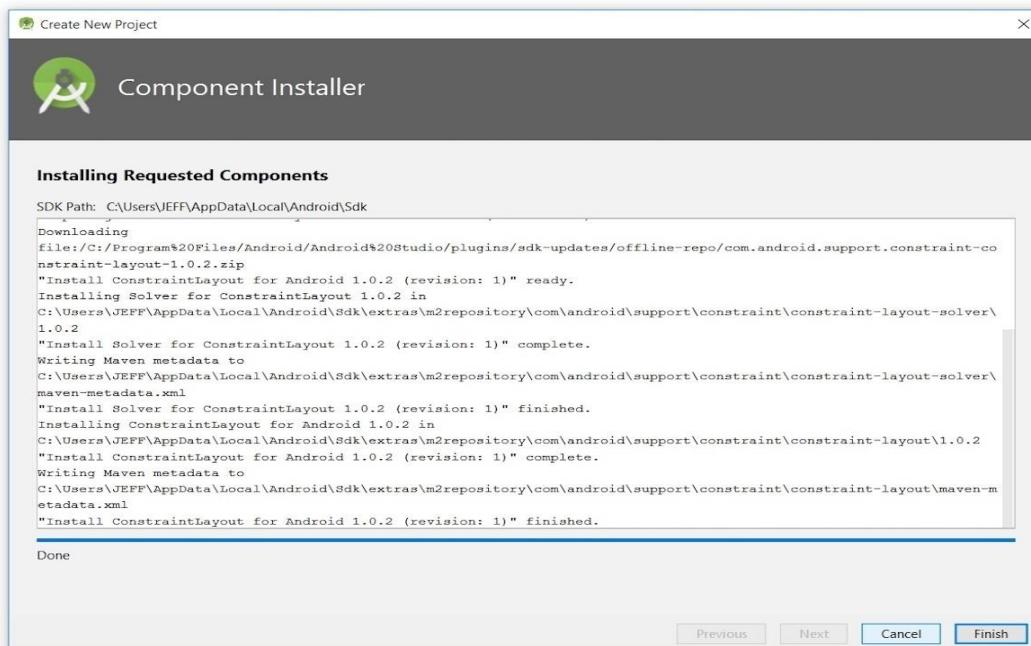


Figure 23. Constraint layout is the default layout used by Android Studio for new app projects

Android Studio enables **Finish** after downloading the constraint layout files. Click this button and Android Studio takes you to the main window.

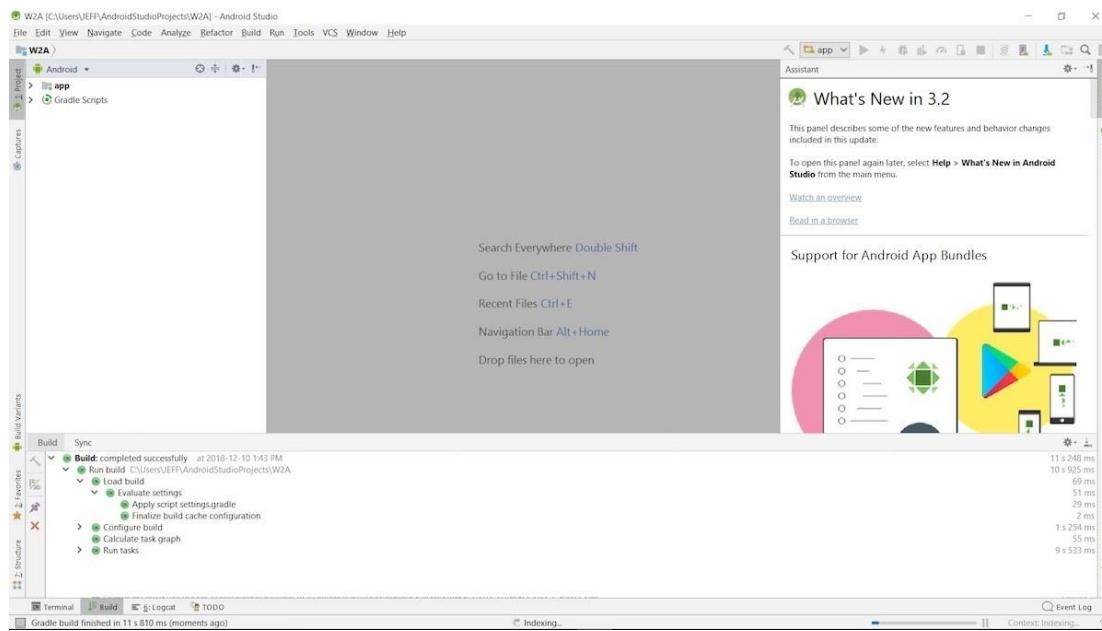


Figure 24. Android Studio's main window reveals that it has built a skeletal W2A app

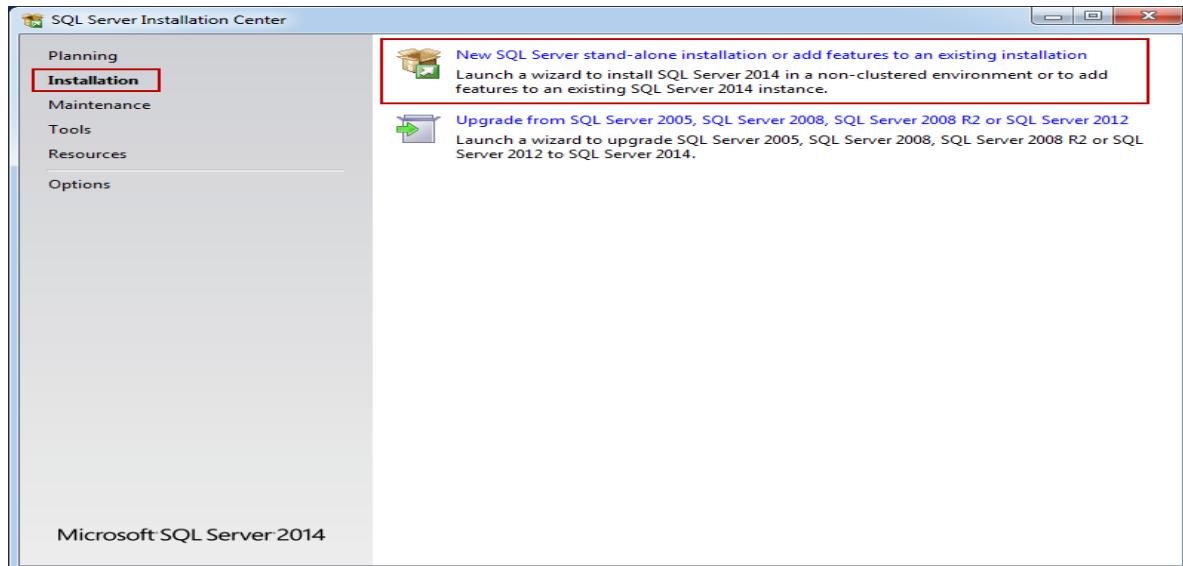
The main window is divided into a menu bar and several other areas, which are identified in Figures 25 and 26. (*Note that Figures 25 and 26 are courtesy of [Google](#).*)



7.1.2.2 SQL Server 2014

The downloaded file should be in .exe format with size of approximately 650 MB. Double-click on it to run the installation:

1. The window for choosing directory to which the extracted files will be saved is shown. After choosing the directory click the **Ok** button and extraction will begin
2. When the extraction is completed, it'll take a couple of seconds until the **SQL Server 2014 setup processes the current operation**. After that, the following window will open:

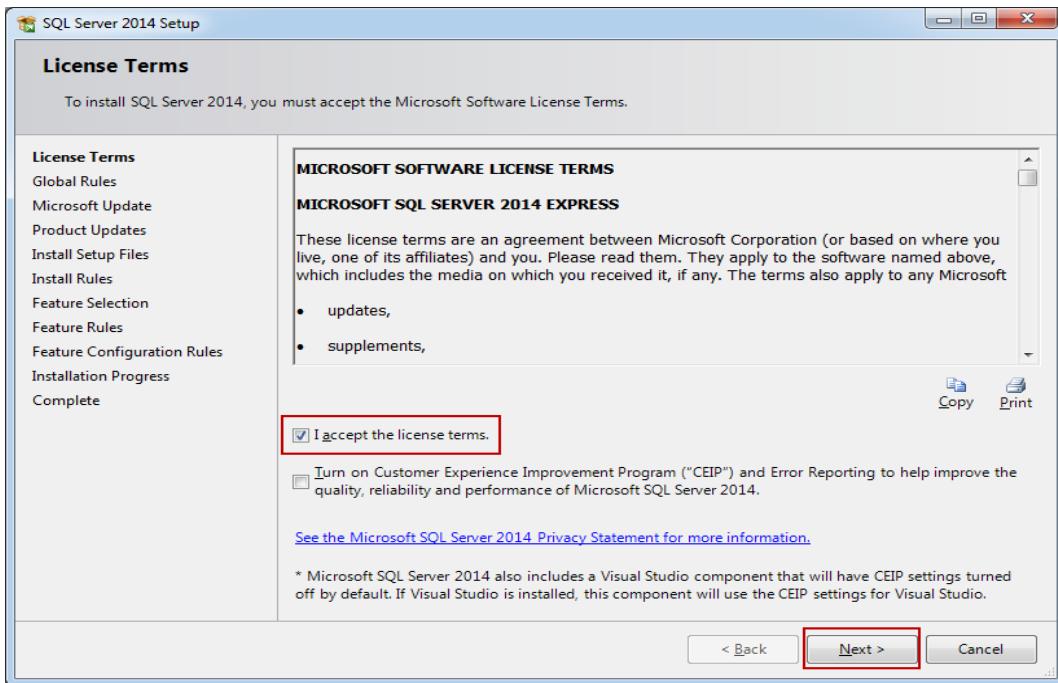


This is the primary installation screen and the other SQL tools installation can be started here as well. If not already selected – select the **Installation** tab in the top-left corner of the **SQL Server Installation Center**.

For installing SQL Server Management Studio alone, select the **New SQL Server stand-alone installation or add features to an existing installation** option (as in the screenshots above).

Once the installation wizard starts the **SQL Server Installation Center** can be closed.

3. It'll take a couple of seconds for the setup rules to be checked (pre-requisites on the operating system). If all the requirements are meet, the **SQL Server 2014 setup** will start with the **License Terms** tab as a first step:

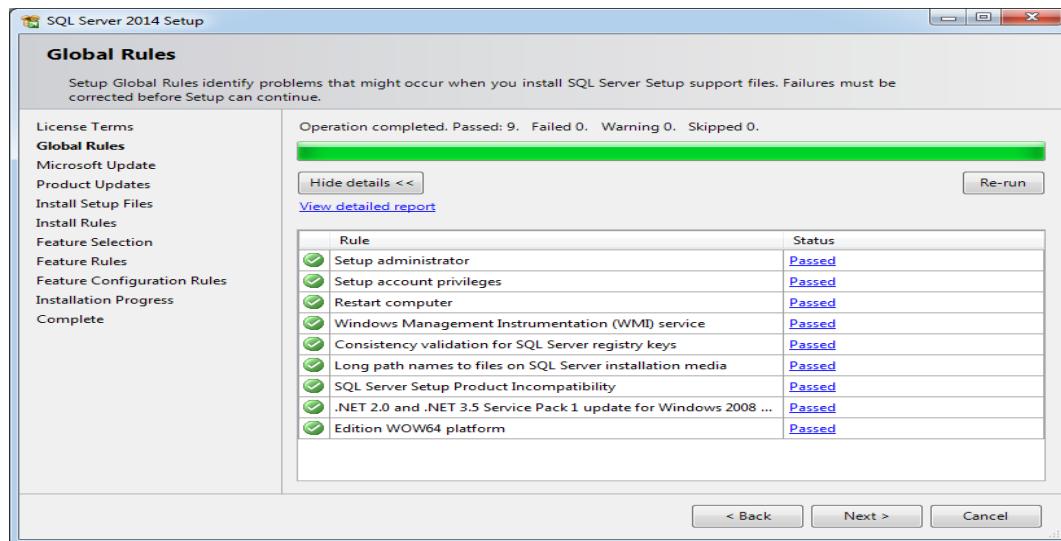


To proceed with the installation, read the license terms and then check the **I accept the license terms** checkbox. The **CEIP (Customer Experience Improvement Program)** checkbox is optional, but if it's checked, the program will be able to collect information about the computer hardware and how the product is being used (without interrupting users); the next releases of **SQL Server** are upgraded based on this information.

After checking the **I accept the license terms**, the **Next** button can be clicked to proceed.

4. The next step is the **Global Rules**. **Setup Global Rules** identify problems that might occur when installing **SQL Server 2014**. Which rules are those in some extent depends on which operating system you are installing to but usually include the following:
 - Whether the logged-in user is a system administrator with appropriate privileges (a must be)
 - Whether there are any reboots pending from other installers
 - Whether required .NET components are available
 - Whether there is support for long pathnames where the installation media resides
 - The consistency of any SQL Server Registry keys

If all the rules are passed, the **Global Rules** step will be processed and skipped automatically. If some rules don't pass, you must correct these in order for setup to be able to continue:

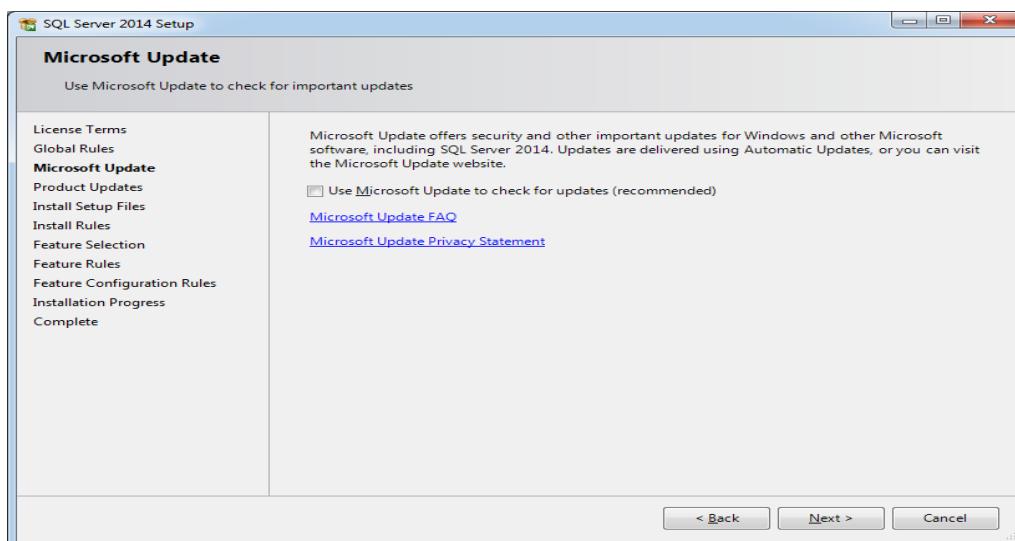


Most of the known issues are elaborated with solutions and workarounds on the [Microsoft forum](#)

5. The next step of the setup is the **Microsoft Update**. It's optional and whether you select it or not, the installation will be able to proceed after clicking the **Next** button.

Once checked this option gives the opportunity to download the update and incorporate it with the installation. This action will take some time, as those updates need to be downloaded as well.

If you proceeded without checking for updates or it is checked, but there aren't any updates available, the **Product Updates** step will be skipped:



It's recommend that the **Microsoft update** option is checked to ensure all patches are applied.



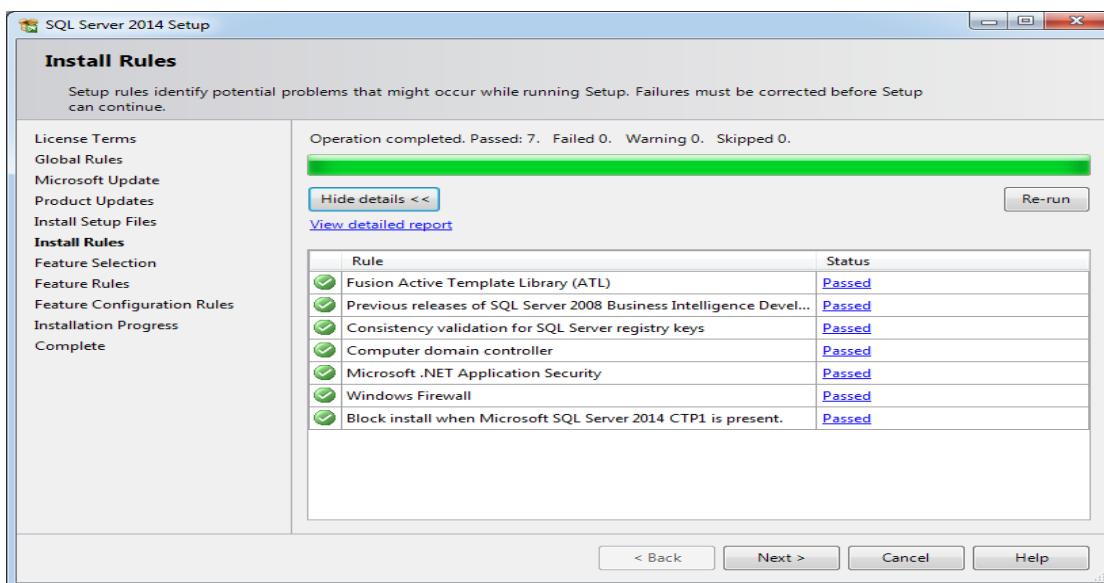
6. **Install Setup Files** and **Install Rules** steps are automatically processed. However, the **Install Rules** is yet another step where the setup wizard is checking if certain software requirements are met:

- Need for reboot in order for changes to apply
- Whether there are some previous releases of SQL Server
- Validation of SQL Server registry keys
- Whether the computer is a domain controller
- Security settings

Every rule in the list has a status (whether it's passed or failed); clicking those links provides additional information if something went wrong.

One rule that will almost certainly throw a warning is **Window Firewall**. This issue specifically can be solved by adding SQL Server and its features to Windows Firewall exception list. Otherwise, SQL Server Management Studio is unable to connect to remote servers.

If some of these don't pass, they must be corrected in order that setup can be continued:

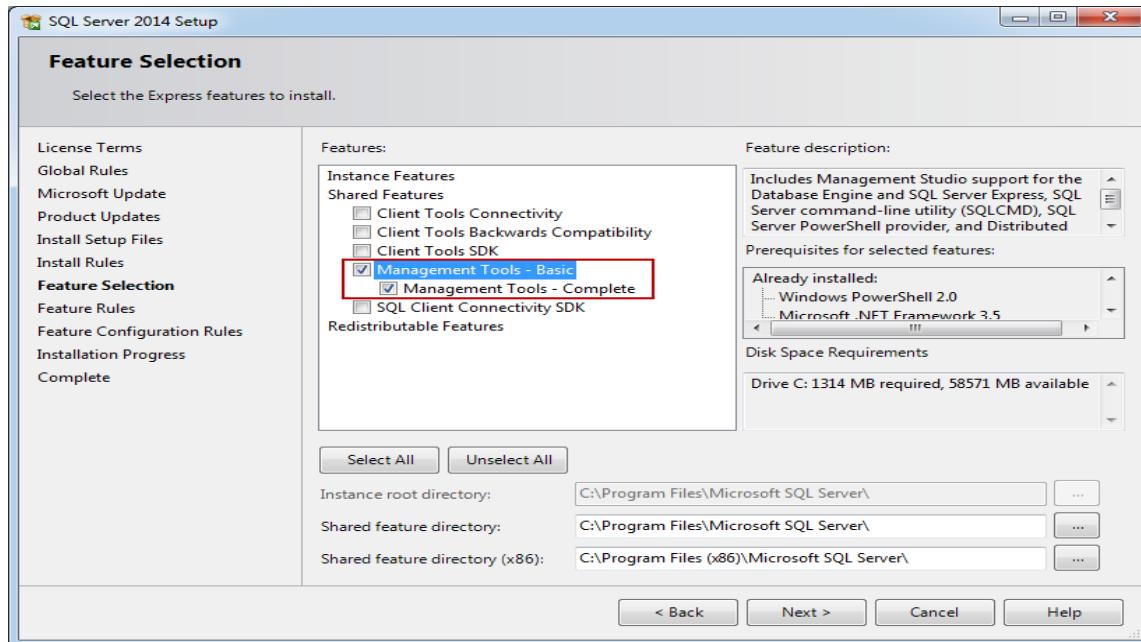


Additional information for solving certain issues with the **Install Rules** can be found on [Microsoft SQL Server forum](#)

7. In **Feature Selection** step the only options that needs to be checked in order to install SQL Server Management Studio is **Management tools – basic** and sub item: **Management tools – Complete**, however, **SQL Client Connectivity SDK** will be installed by default, whether you checked it or not.



Each feature has prerequisites which are shown in the **Prerequisites for selected features** field located right of the **Features** field, and if some are missing, those will be installed along with SQL Server Management Studio:



In addition, there is a short description for each feature in the **Feature description** field for more details.

SQL Server Management Studio will be installed in default directory on system partition, but below the **Features** field it can be altered in which directory you want these shared components installed (as shown in image above)

8. After you proceeded on the **Next** button, **Feature Rules** and **Feature Configuration Rules** steps will be processed automatically if all the Feature Rules are met:

- Prior Visual Studio 2010 instances requiring update
- Microsoft .NET Framework 3.5 Service Pack 1 is required.

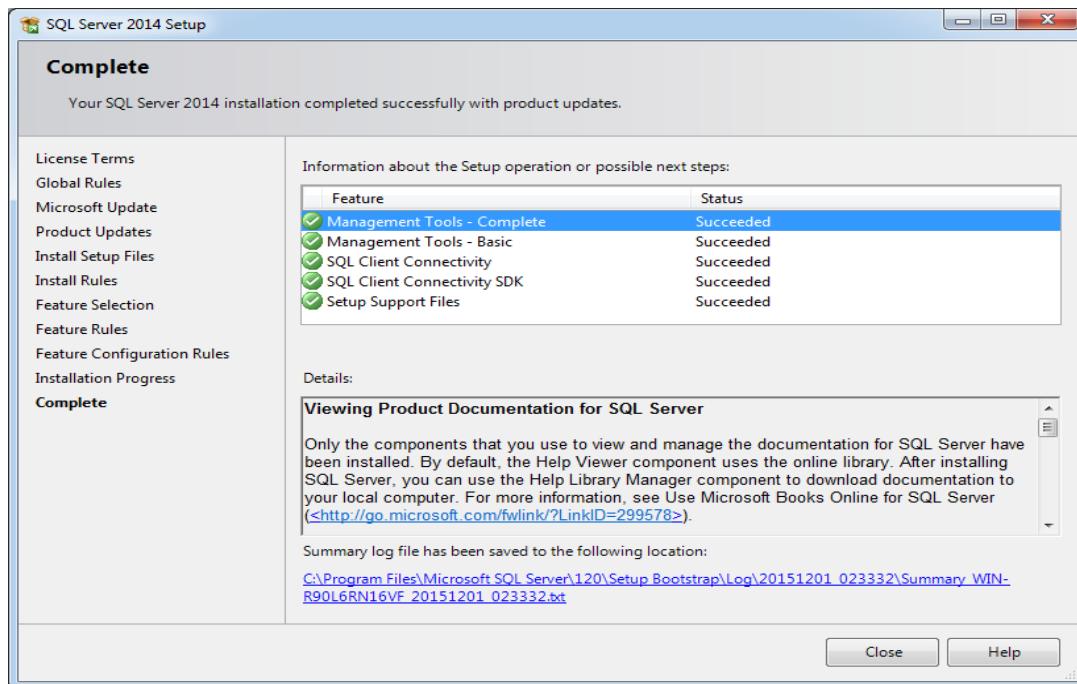
You must repair failures for the installation to be able to proceed.

The update required for Visual Studio is contained on the SQL Server installation media and it's named **VS10sp1-KB983509.msp**.

When all the rules are passed and the **Feature Rules** and the **Feature Configuration Rules** steps are processed automatically, the installation process will start in **Installation Progress** step.



9. The SQL Server Management Studio installation process should take no more than approximately 4 minutes if there is no actual server installed on the machine After the installation process is completed, the last step of the installation wizard will be presented:



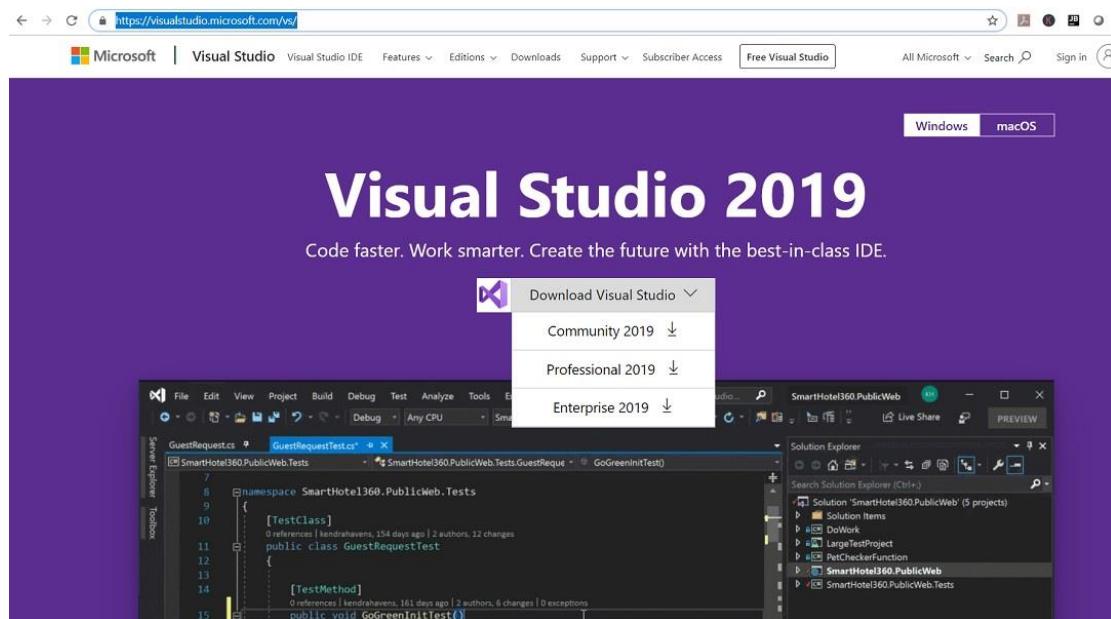
In the **Complete** step, the summary for all the installed features and status of installation for each one, will be shown.

Visual Studio 2019

Step 1 – Download and install Visual Studio installer

This is pretty straight forward. The way it works is that you have to first install the Visual Studio Installer. After it installs, run it and select the individual or all of the components to install.

You have three options, Enterprise, Professional and Community Edition. Community Editions is free to use while the other two requires license. Since the process to install any of the version is the same, I will show you how to get setup with the Enterprise Edition so that you can play around with some premium features of Visual Studio.

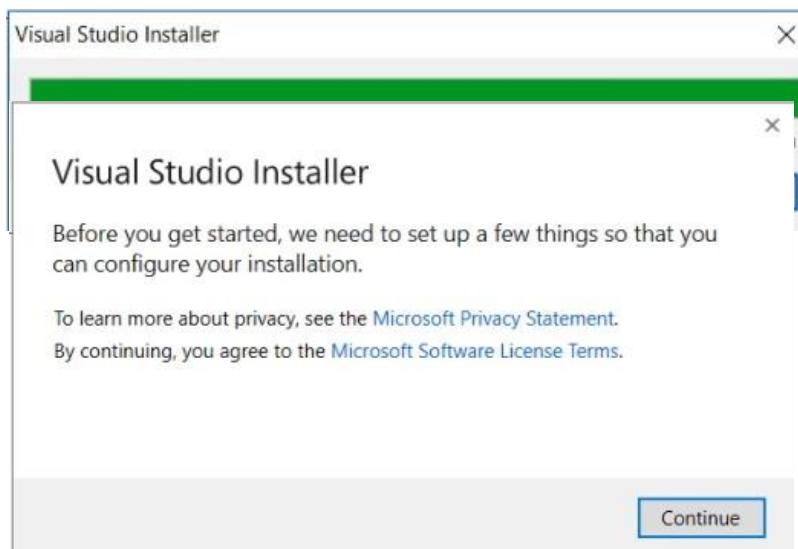


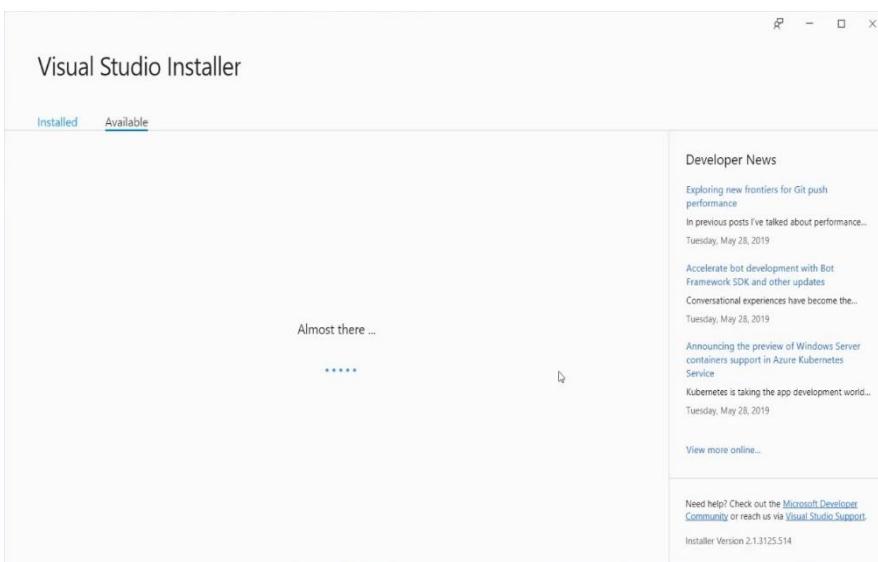
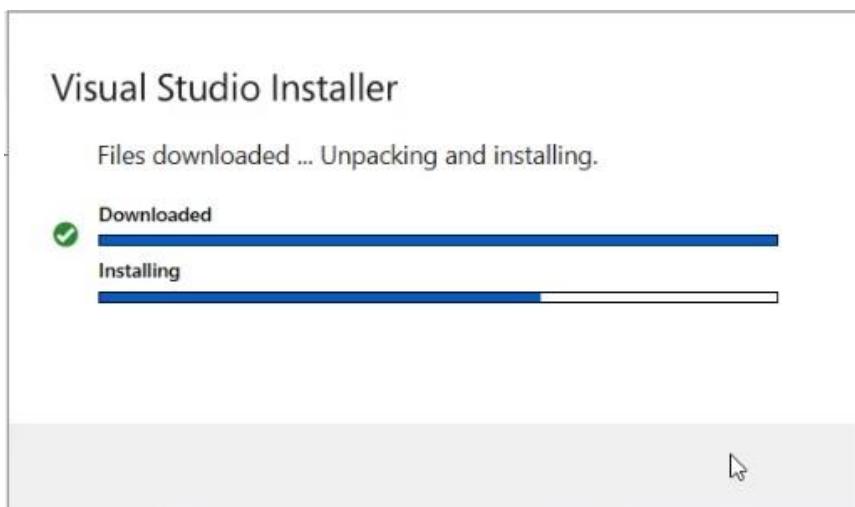
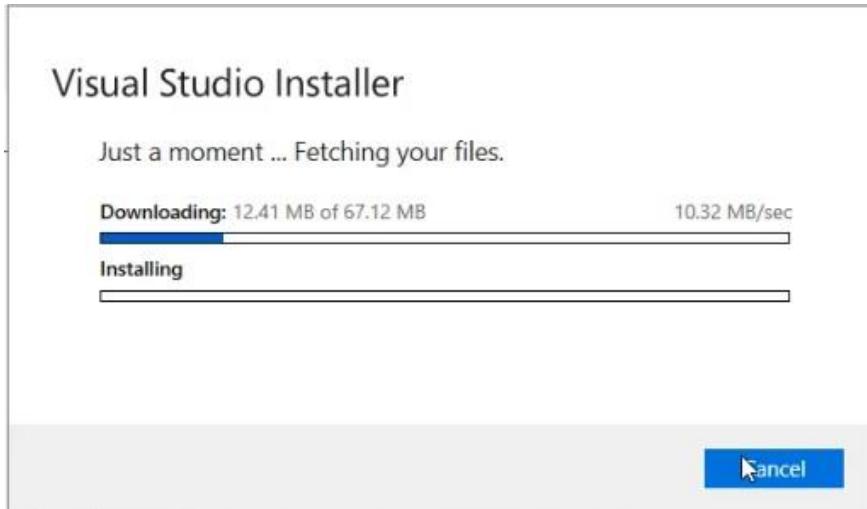
The downloadable file is small and around 1.3 MB. It will have the filename something like this vs_enterprise_731473621.1557687459.exe based on the version of the file you have downloaded.

This will install the Visual Studio Installer and from there on the process is pretty simple. Select what components you want to install and have lots of patience and wait for the process to complete.

Step 2 – Install Video Studio Installer

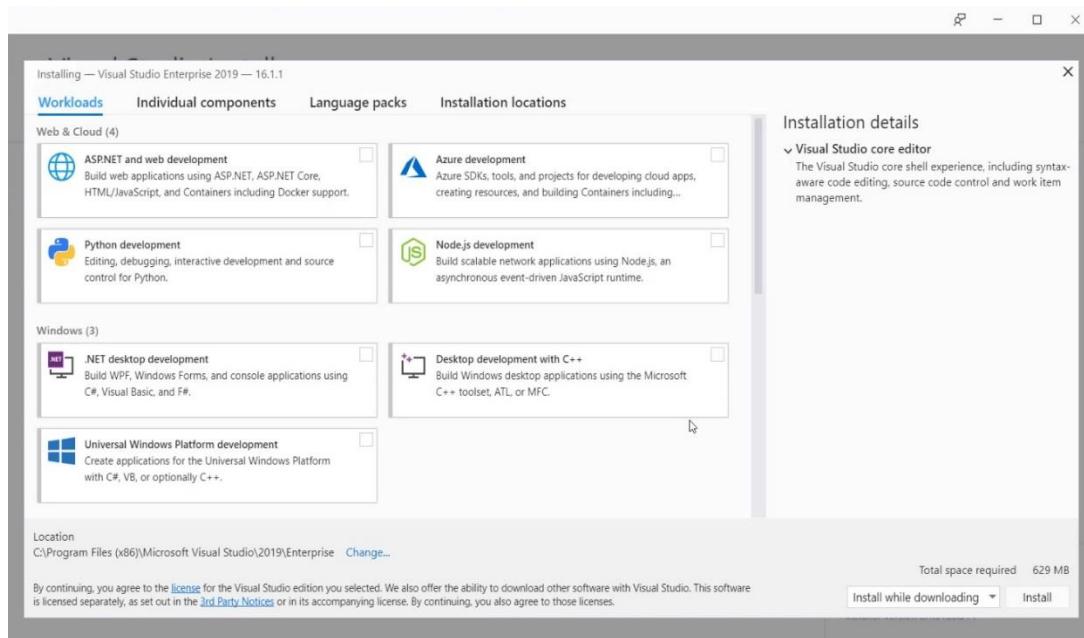
The process is pretty straight forward. Double click on the installer file to start the installation process. Below are the screenshots of the installation process.





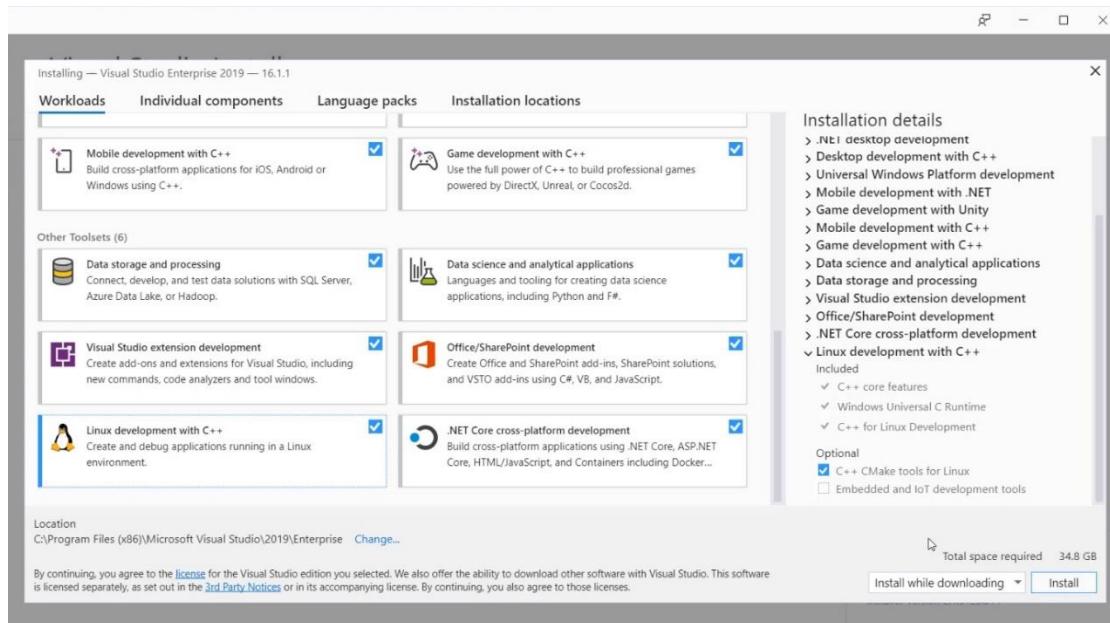


Select the components you want to install. You have to click on the checkbox to select.



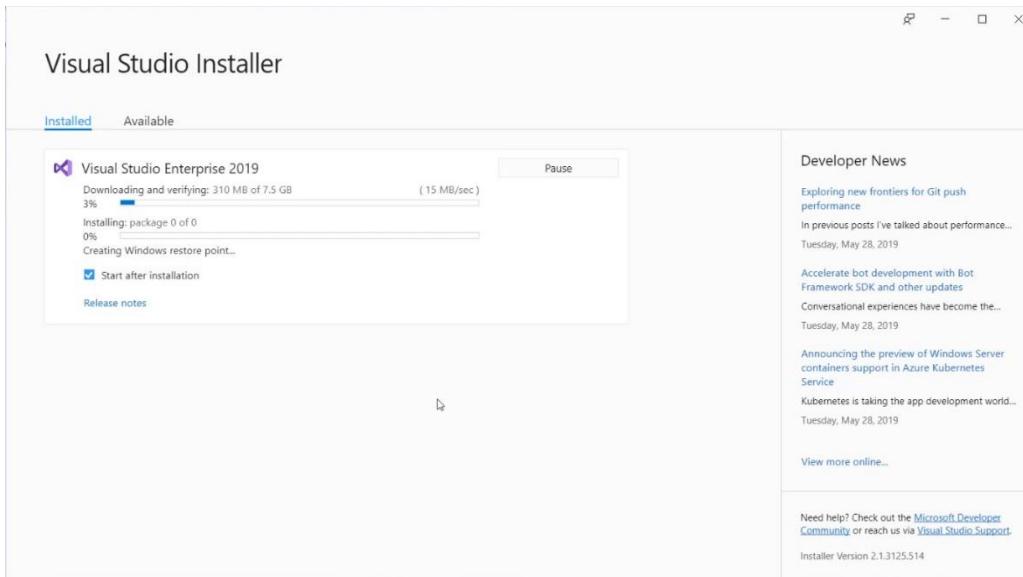
Once you have selected the components to install, you will see the disk space required.

Click on install to start the installation process. If you want to download the offline installer file, select download and then install before clicking install.



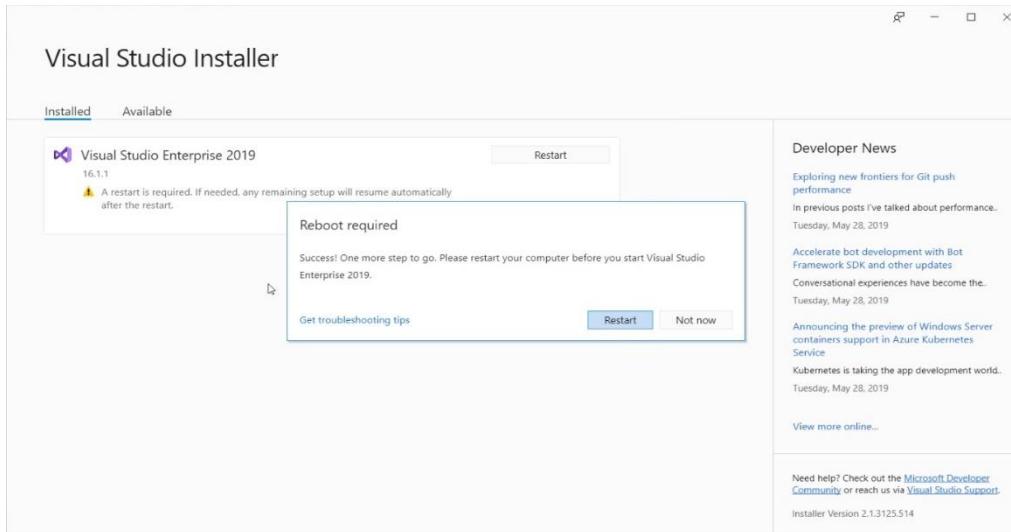


Wait for the installation process to complete. It will take a long time based on the components you have selected. if you select all the components, it will take around 2 hrs.



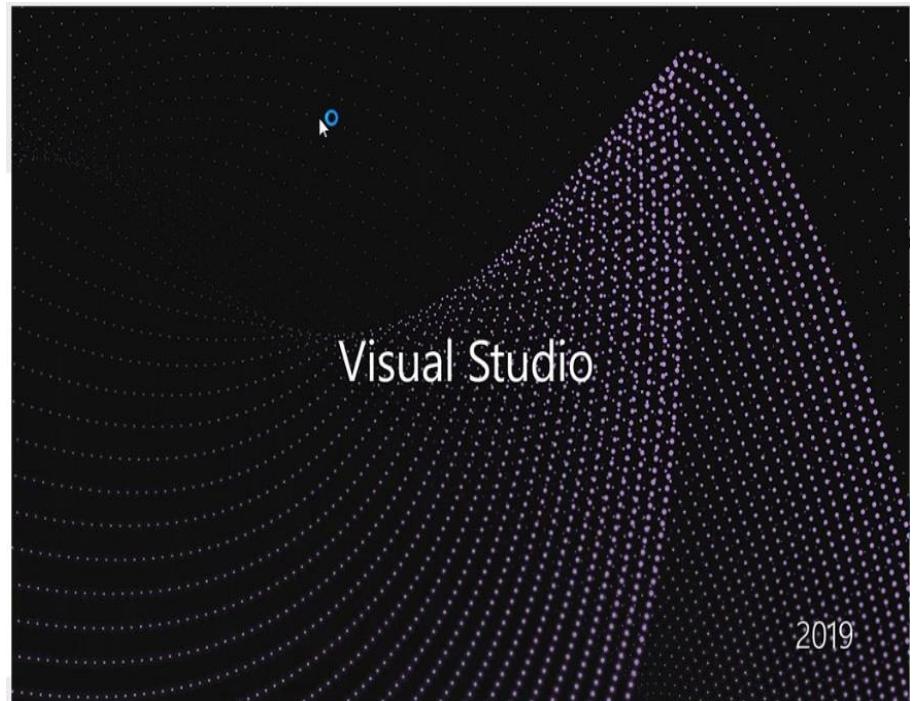
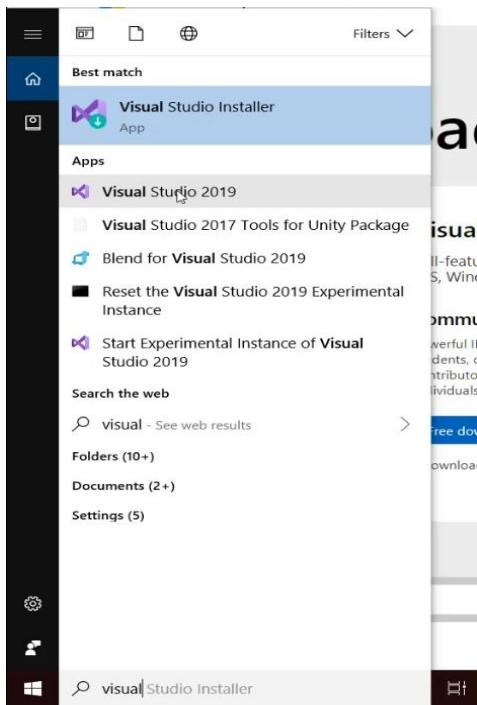


You will be asked to restart your computer after the installation completes.



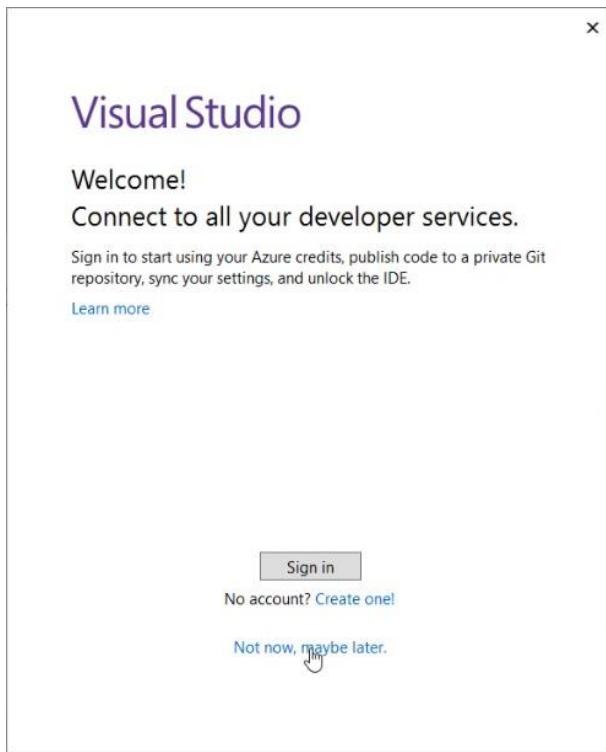


After restart, search for visual studio from start menu to launch Visual Studio 2019.

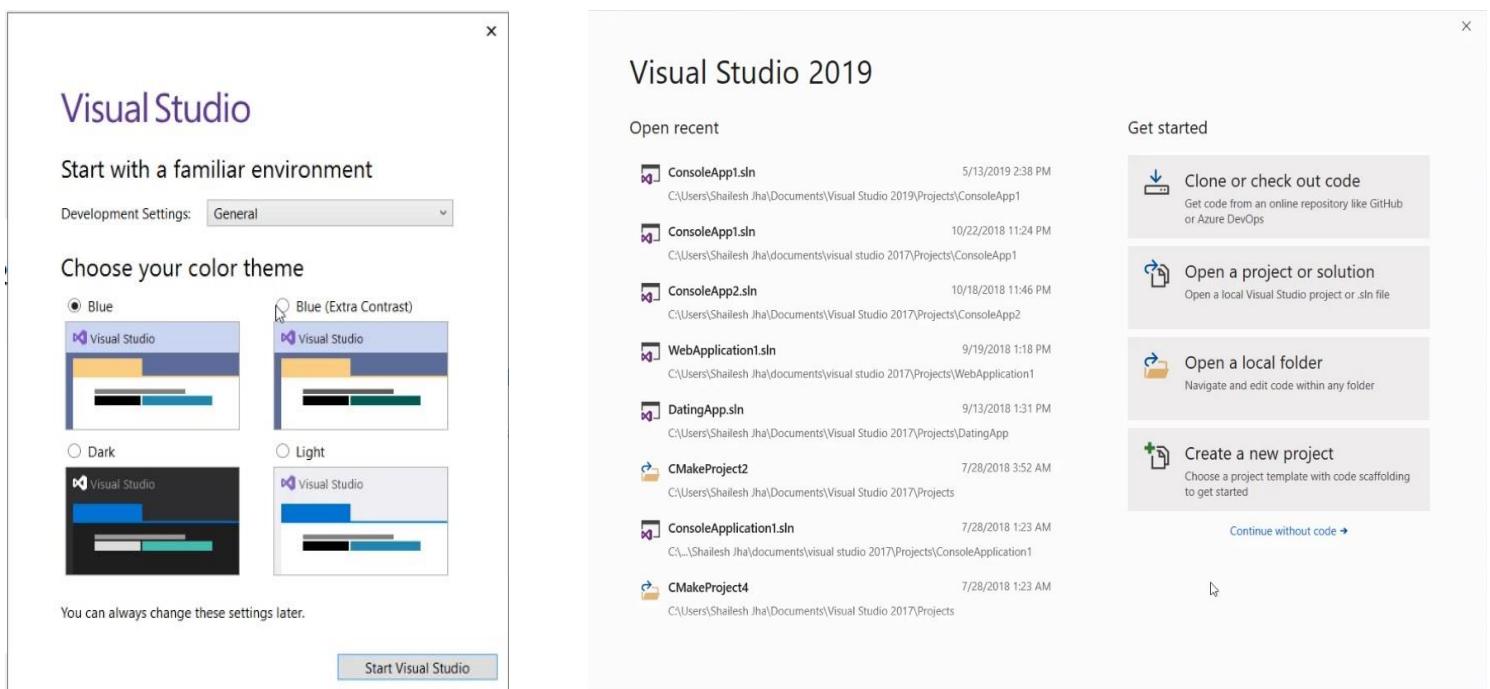




You will have asked to sign in. Click on may be later for now to continue.



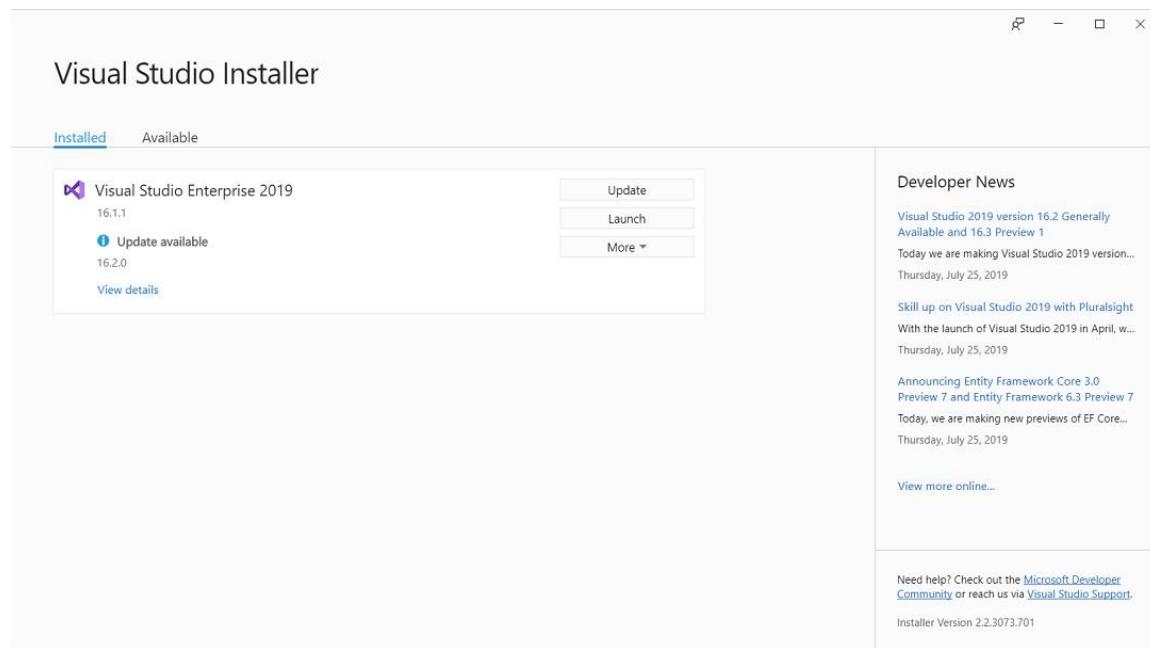
Now you will be asked to select the color theme. Leave it as it is and click on Start Visual Studio. You can change the color theme later on also from visual studio settings.



That's it VS 2019 is installed. Now you can create a new project or open an existing one.

How to modify or update Visual Studio

To modify or update Visual Studio, for example remove or install a new component or just update VS 2019, open Visual studio installer from the start menu and check or uncheck the boxes based on your requirement and click on install to make the changes.





Chapter 8: User Manual



Log in

The user can log in using the username or national id with the password which registered before and choose his portal then clicks on “login button”



Welcome Back,
Please sign in to your account.

Return to [Home](#)

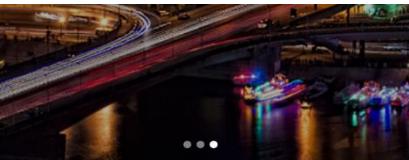
User Name Password

Select Portal

Keep me logged in

[Recover Password](#)

If the user entered Invalid national id/ username or password and choose his portal then clicks on “login button” the system will display a message “*Please enter username or password correctly”



[Recover Password](#)

*Please enter user name or password correctly

Else the system will open

GSG

Dashboard

Control Panel

- Citizen
- Places
- Document
- Contact
- social
- Governments Settings
- Users

Ministry of Education

Ministry of Interior

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Version 2.0.1



Add new citizen

To add new citizen, the user should go through 4 steps.

Step1 is the basic information of the citizen, user must fill all fields to go to next step.

The screenshot shows a user interface for adding a new citizen. On the left is a sidebar with a dark theme containing a logo, the name 'Abdo Shawky', and a navigation menu with categories like Citizen, Places, Document, Contact, Social, Government Settings, Users, Ministry of Education, Education, and Ministry of Interior. The main area has a light background and a header with four tabs: Step 1 (Basic Information, highlighted in blue), Step 2 (Address), Step 3 (Document), and Step 4 (Confirmation). Below the tabs are several input fields: 'Citizen Name' and 'Citizen Name in Arabic' (both with placeholder 'Citizen'), 'Father National Id' and 'Mother National Id' (both dropdown menus), 'Birth Place' and 'Birth Date' (date picker), 'Gender' (radio buttons for Male and Female, Male is selected), and 'Religion' (dropdown menu). A large green circular 'Next' button is at the bottom right.

If the user does not fill all field and click on the “next button” the system will display message down each fields “**this field is required**”

The screenshot shows the same 'Add new citizen' form after some fields have been left empty and the 'Next' button was clicked. Red error messages appear below each required field: 'Citizen Name' (This field is required.), 'Citizen Name in Arabic' (This field is required.), 'Father National Id' (This field is required.), 'Mother National Id' (This field is required.), 'Birth Place' (This field is required.), 'Birth Date' (This field is required.), 'Gender' (Male selected), and 'Religion' (This field is required.). The rest of the fields are empty and show their respective placeholder text.

Else the system will go to step 2



Step 2 is the address of the citizen, the user should select the address of citizen and fill the required fields.

Step 1 Basic Information Step2 Address Step3 Document Step 4 Confirmation

With Father
With Mother
Other

State City Region District

Street Name in English Street Name in Arabic

Back →

If the user does not fill all field and click on the “next button” the system will display message down each fields “**this field is required**”

With Father
With Mother
Other

State City Region District

This field is required.

Street Name in English Street Name in Arabic

This field is required. This field is required.

Back →



Else the system goes to step3.

Step 3 is the document of the citizen; user select type of the document that will upload it down.

Step 1 Basic Information Step2 Address Step3 Document Step 4 Confirmation

Document Type

Birth Document

2217574_1585319583076.pdf (49.11 KB)

Remove Upload Browse ...

If the user does not fill all field and click on the “next button” the system will display message down each fields “**this field is required**”

Document Type

This field is required.

Abdelrahman shawky.docx (28.15 KB)

Invalid extension for file "Abdelrahman shawky.docx". Only "pdf, png, jpg, jpeg" files are supported. ×

No files selected Remove Upload Browse ... This field is required.

Back

Else the system goes to step 4.



Step 4 is the confirmation of submitting citizen, the system will display the data he entered in the previous steps to ensure the information is correct.

Basic Information Address Document Confirmation

Citizen Basic Information

National Id : 44202006109634
Citizen Name: Abdooo Ahmed Shawky Mohamed
Religion : Muslim
Gender : Male
Birth Date : 2020-06-10

Citizen Basic Information

State :Cairo
City :Abbasia
Region :Abdo Basha
District :Waily Department
Street Name:Waily Street

Add National ID card

The user should select a national id of the citizens then upload to him/her a photo, aye icon to preview ID card after selecting and uploading photo to the citizen

Dashboard

Create an Id Card

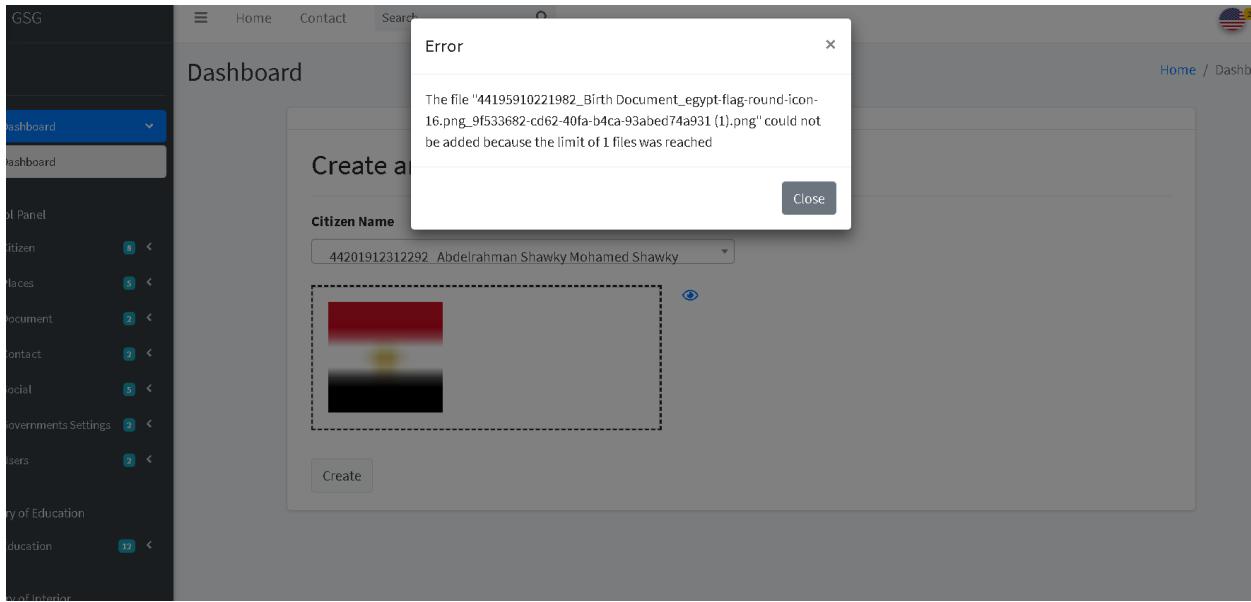
Citizen Name

44201912312292 Abdelaalhaman Shawky Mohamed Shawky

Create



If user upload more than one photo, upload any extension other than png, jpeg and jpg the system will display popup dialog with details of the error message

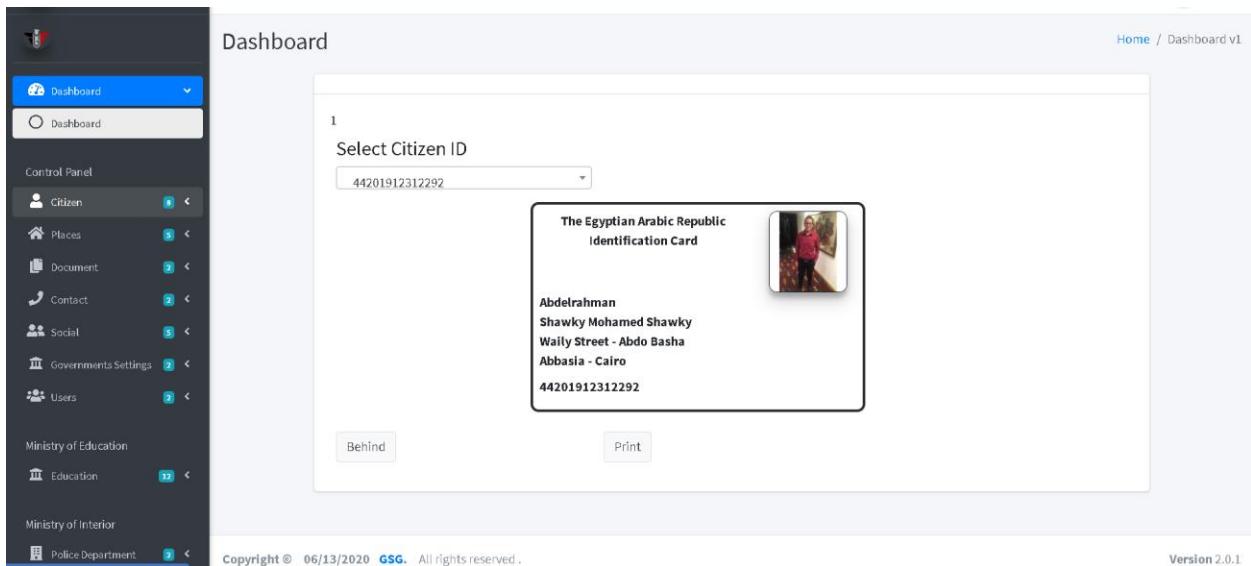


Else the system will go the Index page to export the Card of any citizen

Exporting National ID card

The user must select and search by writing the national id of citizen from a dropdown list then information of the citizen will have displayed in the card.

User can print it front and the back of card by clicking on “print button”.





Dashboard

Home / Dashboard

Print

44201912312292 6 /
2020
Male Muslim Unmarried
The card is valid until 06/12/2027

Print

1 sheet of paper

Destination Microsoft Print to PDF

Pages All

Color Color

More settings

Print Cancel



Exporting Birth Document

The user must select and search by writing the national id of citizen from a dropdown list then information of the citizen will have displayed in the birth document area.

If the user clicks on “Export button” the system will print the birth document area

The screenshot shows the GSE Project dashboard on the left with various menu items like Dashboard, Control Panel, Ministry of Education, and Ministry of Interior. On the right, a search bar contains the national ID '442020116474'. Below it is a detailed birth document card:

The Egyptian Arabic Republic		Birth Document	QR Code
Ministry of Interior	Civil Registry Sector	442020116474	
Child Information			
Nationality : Egyptian	Ahmed	Religion : Muslim	Gender : Male
Birth Place : Cairo / Abbassia			
Birth Date : 1989-01-01			
Father Information			
Religion : Muslim	Shawky Mohamed Shawky Ahmed		
Nationality : Egyptian			
Mother Information			
Religion : Muslim	Alaa Ahmed Shawky Mohamed		
Nationality : Egyptian			

An 'Export' button is located at the bottom left of the document card.

Exporting Death Document

The user must select and search by writing the national id of citizen from a dropdown list then information of the citizen will have displayed in the death document area.

If the user clicks on “Export button” the system will print the death document area

The screenshot shows the GSE Project dashboard on the left with various menu items like Dashboard, Control Panel, Ministry of Education, and Ministry of Interior. On the right, a search bar contains the national ID '442020116474'. Below it is a detailed death document card:

The Egyptian Arabic Republic		Death Document	QR Code
Ministry of Interior	Civil Registry Sector		
Deceased Information			
Name : Alaa Ahmed Shawky Mohamed	Gender : Male		
Nationality : Egypt	Mother Name : Hanan Abdelrahman Mohamed Sallam		
Social Status : Unmarried			
Death Information			
Death Date : 2020-02-01			
Death Place : house			
Birth Information			
Age at Death :			
Birth Place : house			

An 'Export' button is located at the bottom left of the document card.



Exporting Marriage / Divorce Document

The user should choose the male by selecting or searching national id in dropdown list of males then user must choose type of social status (marriage/ divorce) then females that have a relationship with selected male will appear in dropdown list of females, so after selecting the female the information of marriage/ divorce will displayed in document area.

This screenshot shows the 'Marriage Document' export feature. On the left, a sidebar menu includes 'Dashboard', 'Control Panel' (with sub-options like Citizen, Places, Document, Contact, Social, Government Settings, Users), 'Ministry of Education' (Education), 'Ministry of Interior' (Police Department), and 'Police Department'. The main panel has three dropdown menus: 'Males' (44195910221982), 'Females' (44196310226358), and 'Social Status Type' (Married). To the right, a detailed 'Marriage Document' is displayed, showing 'Husband information' (Name: Shawky Mohamed Shawky Ahmed, Gender: Male, Nationality: Egypt, Birth Date: 1959-10-22, Religion: Muslim) and 'Wife information' (Name: Hanan Abdelrahman Mohamed Sallam, Gender: Female, Nationality: Egypt, Birth Date: 1963-10-22, Religion: Muslim). A QR code is also present. At the bottom, there is an 'Export' button.

Doctor reservation in health care

The user must specify the health care type and the specialization he want then choose the health care by selecting its address (state, city, region and district).

The doctors will appear in the dropdown list after choosing health care, the user can select a doctor then the appointment of the doctor in this health care will displayed in appointment dropdown.

After filling the fields, the user could click on “create button”

This screenshot shows the 'Add HealthCare Schedule' form. The left sidebar includes 'Dashboard', 'Control Panel' (My Addresses, My Documents, My Contacts), 'Ministry of Interior' (Civil Registry Sector), 'Ministry of Health' (Health cares, Vaccinations), and 'Health cares' (Healthcare Type: Hospital, Specializations: Children, State: Cairo, City: Abbassia, Region: Abdo Basha, District: Wally Department, Hospital: Wally Hospital, Doctors: Shawky Mohamed Shawky). The 'Appointments' section shows a date and time selection (2020-02-06 09:00:16:00). Buttons for 'next' and 'Back to List' are at the bottom.



The system will redirect to the index page and display the citizen reservation that he make

The screenshot shows the GSE Project Dashboard. On the left, there is a sidebar with various links: Control Panel, My Addresses, My Documents, My Contacts, Ministry of Interior, Civil Registry Sector, Ministry of Health, Health care, and Vaccinations. The main content area is titled "Index" and contains a table with the following data:

Date	Hospital Name	Doctor Name	Address	Appointments
02/06/2020	Waily Hospital	Shawky Mohamed Shawky	Cairo Abbasia Abdo Basha Waily Department	02/06/2020 12:00:00 AM 13:00:00 Delete 17:00:00
02/06/2020	Makram Hospital	Hanan Abdelrahman Mohamed	Cairo Nasr City Makram Moez Alidawla	02/06/2020 12:00:00 AM 09:00:00 Delete 16:00:00
02/06/2020	Waily Hospital	Gabr Samy Metwaly	Cairo Abbasia Abdo Basha Waily Department	02/06/2020 12:00:00 AM 10:00:00 Delete 15:00:00

At the bottom of the page, there is a copyright notice: "Copyright © 06/13/2020 GSG. All rights reserved." and a version number: "Version 2.0.1".

Create the vaccination reservation

If the user has children he could make a reservation, the system will display first the children of the user and user must select the child then system will display the vaccination type that should the selected child take it and then choose the health care type and its address (state, city, region and district).

After that user can choose the appointment he wants in this health care then click on “submit button”

The screenshot shows the GSE Project Dashboard. On the left, there is a sidebar with various links: Control Panel, My Addresses, My Documents, My Contacts, Ministry of Interior, Civil Registry Sector, Ministry of Health, Health care, and Vaccinations. The main content area is titled "Create" and contains a form for creating a vaccination reservation. The form fields include:

- Your Childs National Ids: 44202001015744
- Vaccination Type: Plague
- Healthcare Type: Hospital
- Child's Name: Malek
- State: Cairo
- City: Abbasia
- Region: Abdo Basha
- District: Waily Department
- Healthcare Reservation: Waily Hospital
- Appointments: 2020-05-06 11:00:00

At the bottom of the page, there is a copyright notice: "Copyright © 06/13/2020 GSG. All rights reserved." and a version number: "Version 2.0.1".



The system will display popup dialog with successful message

A screenshot of the GSE Project dashboard. On the left is a sidebar with links for Control Panel, Ministry of Interior, and Ministry of Health. The main area shows a 'Create' form for vaccination reservations. A modal window titled 'Vaccination Reservation' displays the message 'successfully reserved check your email to know the details'. The footer includes copyright information and a version number.

Export School Certificate

The user should specify the phase of school then the system will display the student in this phase to make user select them.

After selecting the student, the information of selected student and his education displayed in the certificate area and can print it.

A screenshot of the GSE Project dashboard showing a generated school certificate. The certificate is for Nabila Mohamed Ahmed Mahmoud, National ID 441988225232, from Abbassia School in Cairo. It includes sections for General Administration for Examinations, Student Information (with a photo), and Educational Administration. A QR code is also present.



Create reservation for civil registry

The user must specify the government body and the service he want then choose the office by selecting its address (state, city, region and district), then click on the “reserve button”.

The screenshot shows the 'Create' page for reservations. On the left, there's a sidebar with various menu items like Control Panel, Citizen, Places, Document, Contact, Social, Government Settings, Users, Ministry of Education, Education, and Ministry of Interior. The 'Dashboard' item is highlighted. The main area has a title 'Create' and 'Reservations'. It contains several dropdown menus: 'Government Body' (Civil Registry), 'Services' (Birth Document), 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), 'District' (Waily Department), 'Office' (Waily Office), and a date input field showing '06/12/2020'. At the bottom is a 'Reserve' button.

The system will redirect to the index page and display all reservations of the citizen

The screenshot shows the 'Index' page with a table of citizen reservations. The table has columns: Citizen Name, National Id, Office Name, Service, and Reservation Date. There are two entries:

Citizen Name	National Id	Office Name	Service	Reservation Date
Ahmed Shawky Mohamed Shawky	442020116474	Waily Office	Birth Document	06/06/2023 12:00:00 AM
Ahmed Shawky Mohamed Shawky	442020116474	Waily Office	Birth Document	06/04/2023 12:00:00 AM



Create Social Status

The user should specify the husband and wife then fills the required field then click on “create button”

The screenshot shows the GSE Project dashboard. On the left, there is a sidebar with a dark theme containing a navigation menu. The main content area has a light background. A modal window titled "Create Social Status" is open. It contains fields for "Husband" (dropdown with value "44195910221982") and "Wife" (dropdown with value "44196310226358"). Below these are labels "Shawky Mohamed Shawky Ahmed" and "Hanana Abdelrahman Mohamed Sallam". There are dropdowns for "Social Status Type" (set to "Married") and "Date" (set to "06/11/2020"). A "Create" button is at the bottom of the modal. At the bottom of the page, there is a footer with copyright information and a version number.

The system will redirect to the index page and the user should choose husband and wife then the system displays the social status information

The screenshot shows the GSE Project dashboard. The sidebar and top navigation are identical to the previous screenshot. A modal window titled "Social Status Index" is open. It contains fields for "Husband National Id" (dropdown with value "44195910221982") and "Wife National Id" (dropdown with value "44196310226358"). Below these are labels "Shawky Mohamed Shawky Ahmed" and "Hanana Abdelrahman Mohamed Sallam". There are dropdowns for "Social Status Type" (set to "زوج") and "Date" (set to "1989-06-15"). At the bottom right of the modal, there is a link "Edit | Delete". The footer of the page is visible at the bottom.



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

Create Social Status

Husband: 44195910221982 Wife: 44196310226358

Shawky Mohamed Shawky Ahmed Hanan Abdelrahman Mohamed Sallam

Social Status Type: Married Date: mm/dd/yyyy

Save

[Back to List](#)

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

Delete Social Status

Husband: 44195910221982 شوقي

Wife: 44196310226358 Hanan

From Date: 06/15/1989 12:00:00 AM

Social Status Type: Married

Delete | Back to List



Create State

The user must fill the required fields of the states then click on “create button”.

Dashboard

Create New

States

State Name
Cairo

State Name in Arabic
القاهرة

State Code
3

[Create](#)

[Back to List](#)

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Version 2.0.1

After clicking the submit button the system will redirect to the index page

Dashboard

States

[Create New](#)

State Code	State Name	
44	Cairo	Edit Delete
10	Alexandria	Edit Delete
02	Al Sharqia	Edit Delete
12	Port Said	Edit Delete
16	Abdo	Edit Delete

Drag me around



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the GSE Project dashboard. On the left is a sidebar with a dark background and white text, listing various modules: Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, and Ministry of Interior. The 'Dashboard' item is highlighted with a blue bar at the top of the sidebar. The main content area has a light gray background. It displays a form titled 'State Edit'. The form has three input fields: 'State Name in English' containing 'Cairo', 'State Name in Arabic' containing 'القاهرة', and 'State Code' containing '44'. Below the form are two buttons: 'Save' and 'Back to List'.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project dashboard. The sidebar on the left is identical to the previous one. The main content area displays a 'Delete' confirmation dialog. The dialog asks 'Are you sure you want to delete this? State'. Below this, it shows the state name 'Cairo'. At the bottom of the dialog are two buttons: 'Delete' and 'Back to List'. The footer of the page includes a copyright notice 'Copyright © 2020 GSG. All rights reserved.' and a version number 'Version 2.0'.



Create City

The user must choose the state and write the city name that belongs to selected state then click on “create button”.

Dashboard

Create
City

State Name
Cairo

City Name
Nasr City

City Name in Arabic
درب مصر

Create

[Back to List](#)

After clicking the submit button the system will redirect to the index page and user should choose state from the dropdown to display its cities.

Dashboard

Cities

[Create New](#)

City Name	Action
Abbassia	Edit Delete
Nasr City	Edit Delete
Fifth Settlement	Edit Delete
Rehab	Edit Delete
Zaiton	Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the GSE Project dashboard. On the left is a sidebar with a dark background and white icons. It includes sections for Control Panel (Citizen, Places, Document, Contact, Social, Governments Settings, Users), Ministry of Education (Education), and Ministry of Interior (Police Department). The main content area has a light gray background. At the top, there are navigation links: Home, Contact, Search, and a magnifying glass icon. Below these is a form titled "City Edit". It contains two input fields: "City Name in English" with the value "Abbasia" and "City Name in Arabic" with the value "العباسية". There is also a "Save" button and a "Back to List" link.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project dashboard. The sidebar and top navigation are identical to the previous screenshot. The main content area now displays a "Delete" form. It asks "Are you sure you want to delete this? City". Below this is another input field labeled "City Name" with the value "Abbasia". At the bottom of the form are "Delete" and "Back to List" buttons.



Create Region

The user must choose the state and city then write the region name that belongs to selected city then click on “create button”.

The screenshot shows the 'Create Region' form. On the left is a dark sidebar with various menu items like Control Panel, Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, and Ministry of Interior. The 'Dashboard' item is highlighted. The main area has a title 'Create Region'. It contains two dropdown menus: 'State' (set to Cairo) and 'City' (set to Abbassia). Below these is a text input field for 'Region Name' containing 'Abdo Basha', which is also displayed in Arabic as 'أبوده بasha'. At the bottom are 'Create' and 'Back to List' buttons.

After clicking the submit button the system will redirect to the index page and user should choose state and city from the dropdown to display its regions.

The screenshot shows the 'Regions' list page. The sidebar is identical to the previous screenshot. The main area has a title 'Regions' and a 'Create New' button. It lists three regions: 'Abdo Basha' (with 'Edit | Delete' links), 'Ahmed Saeed' (with 'Edit | Delete' links), and 'El Giesh' (with 'Edit | Delete' links).



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the application's interface. On the left is a dark sidebar with a navigation menu. The 'Dashboard' item is currently selected and highlighted in blue. Other items include 'Citizen', 'Places', 'Document', 'Contact', 'Social', 'Governments Settings', 'Users', 'Ministry of Education' (with 'Education' selected), and 'Ministry of interior' (with 'Police Department' selected). The main content area has a light gray background. At the top, there is a header bar with icons for Home, Contact, Search, and a magnifying glass. To the right of the search bar is a small American flag icon. The main content area has a title 'Edit' and a subtitle 'Region'. It contains three input fields: a dropdown menu labeled 'Cities' with 'Abbasia' selected, a text input field labeled 'Region Name in English' with 'Abdo Basha' typed in, and another text input field labeled 'Region Name in Arabic' with 'الله الله' typed in. Below these fields is a 'Save' button and a 'Back to List' link.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the application's interface. The sidebar and header are identical to the previous screenshot. The main content area now displays a 'Delete' page. The title is 'Delete' and the subtitle is 'Are you sure you want to delete this?'. Below this is a section labeled 'Region' with a single input field containing 'Region Name' and 'Abdo Basha'. At the bottom of this section are two buttons: 'Delete' and 'Back to List'. The footer of the page includes copyright information: 'Copyright © 2020 GSE All rights reserved' and 'Version 1.0'.

Create District

The user must choose the state, city and region then write the district name that belongs to selected region then click on “create button”.

 GSG



[Dashboard](#)

[Dashboard](#)

Control Panel

-  Citizen 8 
-  Places 8 
-  Document 9 
-  Contact 9 
-  Social 5 
-  Governments Settings 7 
-  Users 9 

Ministry of Education

-  Education 12 

Ministry of Interior

Create District

States

CITIES

Regions

District Name

District Name in Arabic

[Create](#)

[Back to List](#)

After clicking the submit button the system will redirect to the index page and user should choose state, city and region from the dropdowns to display its districts

GSGHomeContactSearchFlagDashboard

Dashboard

Home / Dashboard v1

District

[Create New](#)

State	City	Region
Cairo	Abbasia	Abdo Basha

District Name

Waily Department	Edit Delete
Tenth Street	Edit Delete

Control Panel

- Citizen 8 <
- Places 5 <
- Document 2 <
- Contact 2 <
- Social 8 <
- Governments Settings 2 <
- Users 2 <

Ministry of Education

- Education 12 <

Ministry of Interior

- Police Department 2 <

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Version 2.0



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the GSE Project interface. On the left is a sidebar with a dark header 'GSG' and a navigation menu. The 'Dashboard' item is highlighted with a blue bar. The menu items include Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, Ministry of Interior, and Police Department. The main content area has a light gray background. At the top, it says 'Edit' and 'District'. Below that are dropdown menus for 'States' (Cairo), 'Cities' (Abbasia), and 'Regions' (Abdo Basha). There are input fields for 'District Name' (Wally Department) and 'District Name in Arabic' (قسم الوابلي). At the bottom are 'Save' and 'Back to List' buttons.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project interface. The sidebar is identical to the previous screenshot. The main content area has a light gray background. At the top, it says 'Delete' and asks 'Are you sure you want to delete this?'. Below that is a section for 'District' with an input field for 'District Name' (Wally Department). At the bottom are 'Delete' and 'Back to List' buttons. The footer contains 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.



Create Office

The user must choose the government body, state, city, region and district then write the office name that belongs to selected district then click on “create button”.

Dashboard

Create

Office

State: Cairo | City: Abbasia | Region: Abdo Basha | District: Waly Department

Office Name: Waly Department | Office Name in Arabic: أقسام الولائي

Government Body: Civil Registry

Create

Back to List

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Version 2.0

After clicking the submit button the system will redirect to the index page

Dashboard

Index

Create New

Office Name	District Name	Governement Name	
Wally Office	Waly Department	Civil Registry	Edit Delete
Tenth Department	Tenth Street	Civil Registry	Edit Delete
Moaz Deparment	Moez Aldawla	Civil Registry	Edit Delete
Al sawra Department	Al Sawra	Civil Registry	Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

Dashboard

Control Panel

- Citizen
- Places
- Document
- Contact
- Social
- Governments Settings
- Users

Ministry of Education

Education

Ministry of Interior

Police Department

Create

Back to List

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

Home Contact Search

Dashboard

Control Panel

- Citizen
- Places
- Document
- Contact
- Social
- Governments Settings
- Users

Ministry of Education

Education

Ministry of Interior

Police Department

Delete | Back to List



Upload Citizen Document

The user must choose the national id of specific citizen from the dropdown list and the document type that he want to upload then clicks on “upload button”

The screenshot shows the 'Create Document' form. On the left is a sidebar with a 'Control Panel' section containing links for Citizen, Places, Document, Contact, Social, Government Settings, and Users. Below this are sections for Ministry of Education and Ministry of Interior. The main area has tabs for 'Dashboard' and 'Create'. Under 'Create', there are fields for 'National Id' (44195910221982) and 'Document Type' (Birth Document). Below these are fields for 'Citizen Name' (Shawky Mohamed Shawky Ahmed) and 'Document Data' with options to 'Upload', 'Choose File', and 'Browse'. At the bottom are 'Upload' and 'Back to List' buttons.

The system will redirect to the index page and the user should select the national id of the citizen to display the information of his document

The screenshot shows the 'Index' page. The sidebar is identical to the previous screenshot. The main area has tabs for 'Dashboard' and 'Index'. Under 'Index', there is a 'Create New' button and a dropdown menu set to '44195910221982'. A table displays one row of data: Citizen Name (Shawky Mohamed Shawky Ahmed), Document Type (Birth Document), Upload Date (null), Document File (Download icon), and Document Extensions (.png). There is also a 'Delete' link for this entry. At the bottom of the page are copyright and version information: 'Copyright © 06/13/2020 GSG. All rights reserved.' and 'Version 2.0.1'.

Citizen Name	Document Type	Upload Date	Document File	Document Extensions
Shawky Mohamed Shawky Ahmed	Birth Document	null	Download	.png



Then user can delete the system will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a delete confirmation dialog box. The title is "Delete". The message asks, "Are you sure you want to delete this? Document". Below this, there is a "Citizen National Id" field containing a placeholder image path: "44195910221982_Birth Document_egypt-flag-round-icon-16.png_9f533682-cd62-40fa-b4ca-93abed74a931.png". There are also fields for "Document Type Name" (empty), "Document Extensions" (.png), and a "Delete" button at the bottom.

Create Document Type

The user must fill the required fields of the states then click on “create button”.

The screenshot shows a "Create Document Type" form. It has fields for "Document Type Name" (Birth Document), "Document Type Name in Arabic" (بيانات ميلاد), "Document Type Description" (Information when the citizen is born), and "Document Type Description in Arabic" (المعلومات عند ولادة المواطن). A "Create" button is at the bottom. The URL in the address bar is https://localhost:44389/Document_Type/Create#.



After clicking the submit button the system will redirect to the index page

The screenshot shows the GSE Project dashboard. On the left is a sidebar with a dark header 'GSG' and a navigation menu. The main area has a header 'Dashboard' and a sub-header 'Document Type'. Below this is a section titled 'Index' with a 'Create New' button. A table lists a single document type: 'Birth Document' under 'Document Type Name' and 'Information about birth of citizen' under 'Document Type Description'. There is an 'Edit | Delete' link at the bottom right of the table.

Change the application languages

The user could click on the icon on top right of the navigation bar then choose the language he want .

English:

The screenshot shows the GSE Project dashboard. The sidebar includes a 'Police Department' option. The main area displays a 'Cities' list with a dropdown menu 'Cairo'. A language selection overlay is shown, listing 'English' and 'Arabic' with their respective flags. The table lists several cities: Abbasia, Nasr City, Fifth Settlement, Rehab, and Zaiton, each with an 'Edit | Delete' link. The footer includes copyright information and a version number.



Arabic:

The screenshot shows the GSE Project dashboard in Arabic. The top navigation bar includes links for 'الصفحة الرئيسية' (Home), 'جهة الاتصال' (Communication Body), 'بحث' (Search), and a magnifying glass icon. The main content area is titled 'المدن' (Cities) and 'أنشئ جديد' (Create New). It lists several city names with edit and delete options: 'القاهرة' (Cairo), 'اسم المدينة' (City Name), 'العباسية' (Alabaa), 'مدينة نصر' (New Cairo), 'الجمع الخامس' (Al-Gharbiya), 'الرجاب' (Al-Rajab), and 'الزيتون' (Al-Zaitun). On the right side, there is a sidebar with various ministry links: 'لوحة القيادة' (Control Panel), 'لوحة التحكم' (Control Panel), 'الموطن' (Citizen), 'الأماكن' (Places), 'الوليفة' (Al-Walifa), ' جهة الاتصال' (Communication Body), 'المجتمع' (Community), 'إدارات الحكومة' (Government Departments), 'المستخدمون' (Users), 'وزارة التعليم' (Ministry of Education), 'وزارة التعليم' (Ministry of Education), and 'وزارة الداخلية' (Ministry of Interior). The footer contains copyright information: 'حقوق الملكية © 06/13/2020 .GSG . جميع الحقوق محفوظة .' and 'الإصدار 2.0.1'.

Create social status type

The user should fill the required fields the click on “create button”

The screenshot shows the 'Create Social Status Type' form. The left sidebar has a 'Control Panel' section with links for Citizen, Places, Document, Contact, Social, Government Settings, and Users. Below that are sections for 'Ministry of Education' (Education) and 'Ministry of Interior' (Police Department). The main content area is titled 'Create Social Status Type'. It has two sets of input fields: 'Social Status Type Name in English' and 'Social Status Type Description in English' (both empty), and 'Social Status Type Name in Arabic' and 'Social Status Type Description in Arabic' (both empty). A 'Create' button is at the bottom, and a 'Back to List' link is below it. The footer includes copyright information: 'Copyright © 06/14/2020 GSG. All rights reserved .' and 'Version 2.0.1'.



The system will redirect to the index page and display all the social status type.

The screenshot shows the GSE Project 2019-2020 dashboard. On the left is a sidebar with a dark theme containing various menu items: Control Panel (Citizen, Places, Document, Contact, Social, Governments Settings, Users), Ministry of Education (Education), and Ministry of Interior (Police Department). The main content area is titled "Index" and "Social Status Type". It includes a "Create New" button and a table with two rows:

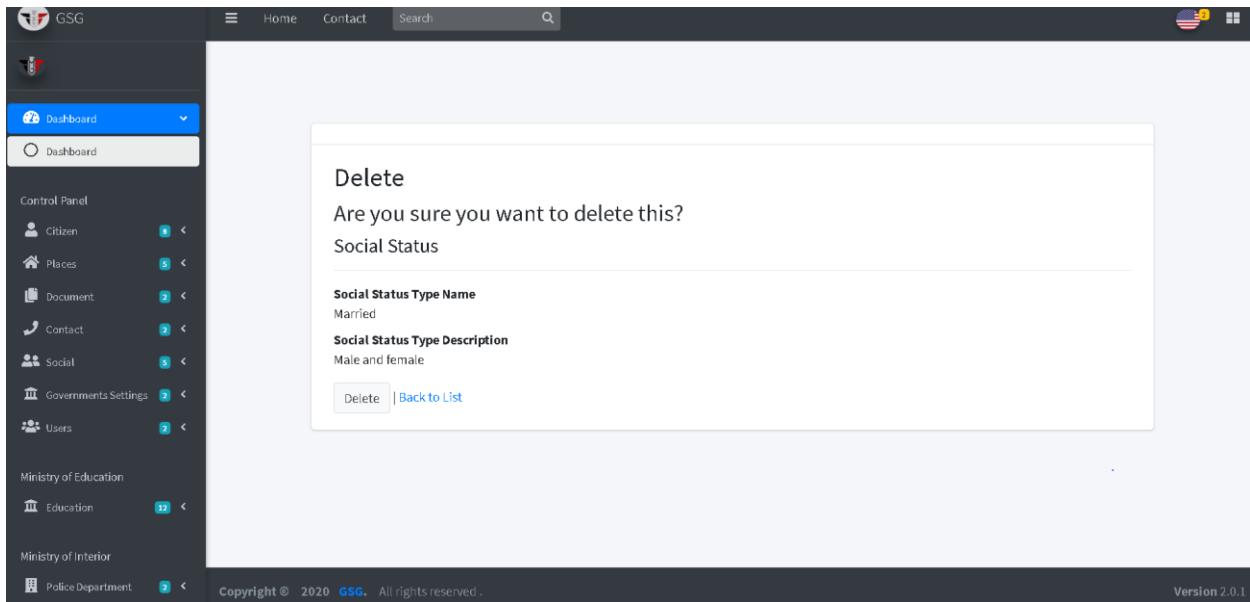
Social Status Type Name	Social Status Type Description	Action
Married	Male and female	Edit Delete
Divorce	Male and female	Edit Delete

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the "Edit" page for "Social Status Type". The sidebar on the left is identical to the previous screenshot. The main content area has a title "Edit Social Status Type". It contains two input fields: "Social Status Type Name in English" (Married) and "Social Status Type Description in English" (Male and female). Below these are two more input fields: "Social Status Type Name in Arabic" (مأج) and "Social Status Type Description in Arabic" (Male and female). A "Save" button is at the bottom, and a "Back to List" link is at the bottom right.

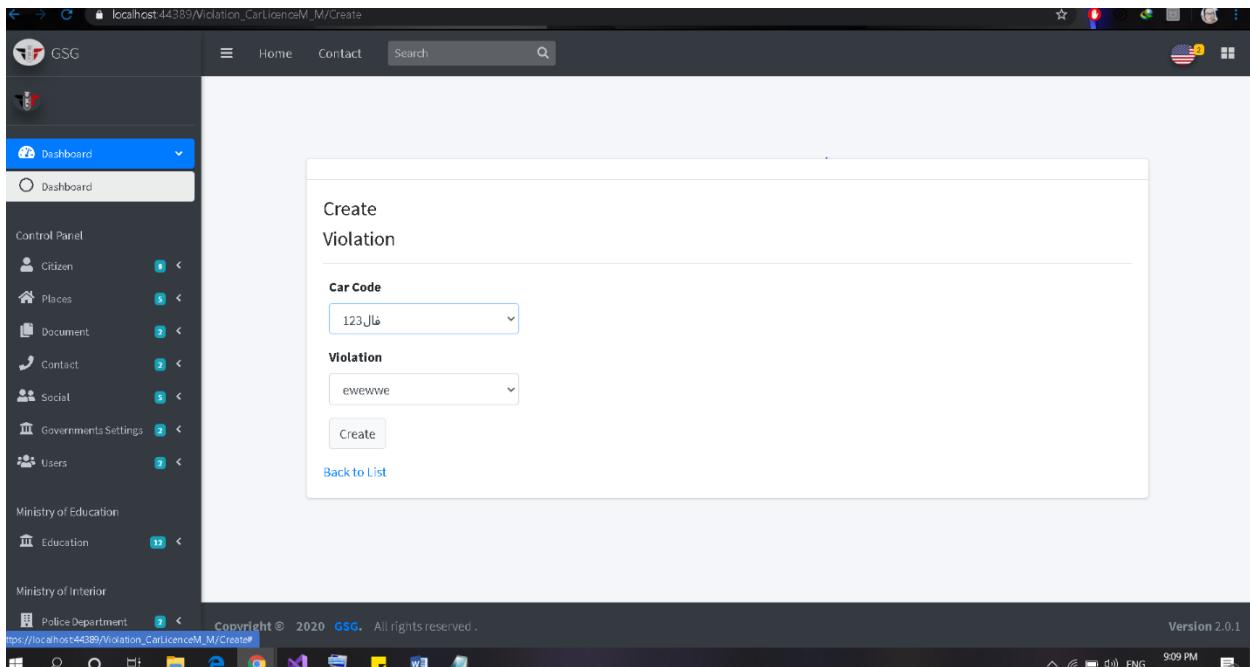


Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.



Create Violation for cars

The user should search or select car code from dropdown and select the violation type then click on “create button”





Then the system will redirect to the index page and user should select the car code to display who have it and have its violation.

The screenshot shows the 'Index' page of the GSE Project. On the left, there is a sidebar with a dark theme containing a navigation menu. The main content area has a light gray background. At the top, there is a header bar with the GSG logo, a search bar, and a language selection icon. Below the header, the word 'Index' is displayed in bold. Underneath 'Index', there is a link 'Create New'. A section titled 'Car Code' contains a dropdown menu with the value '323_عwww'. Below this, a table lists a single row of data:

Citizen Name	National Id	car	Violation	Violation Price	Date
Shawky Mohamed Shawky Ahmed	44195910221982	sadsad	eefefef	1111	null

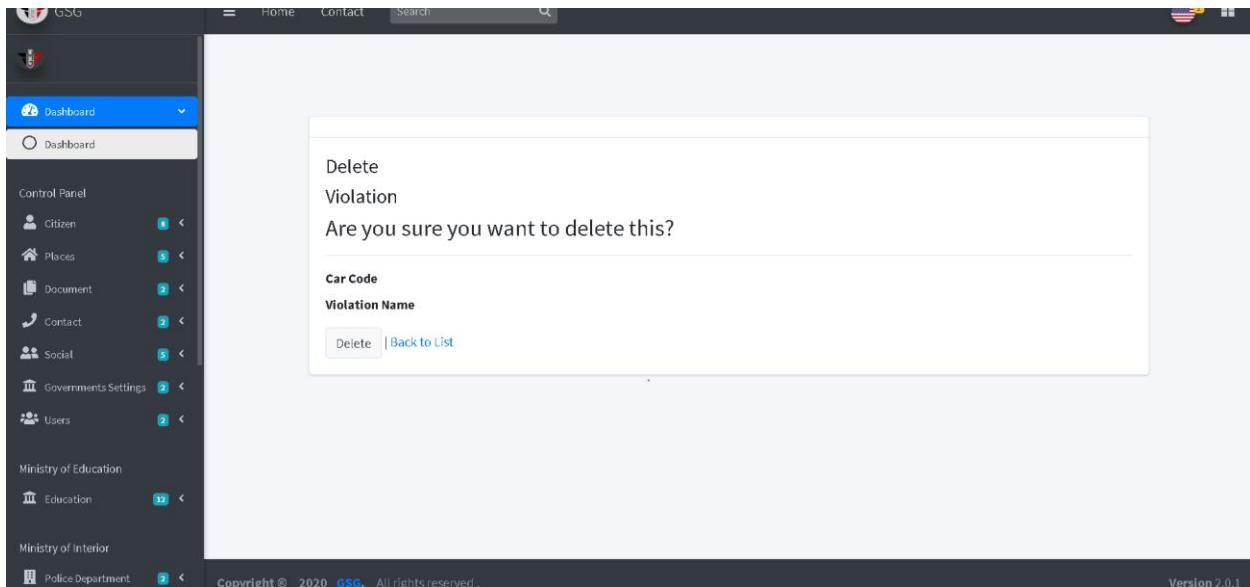
Each table cell includes edit and delete icons.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the 'Edit' page for a violation. The sidebar and header are identical to the previous screenshot. The main content area has a light gray background. At the top, it says 'Edit' and 'Violation'. Below this, there are two dropdown menus: 'Car Licence' (set to '323_عwww') and 'Violation' (set to 'eefefef'). There is a 'Save' button at the bottom of the form. To the right of the form, there is a 'Back to List' link. At the very bottom of the page, there is a copyright notice 'Copyright © 2020 GSG. All rights reserved.' and a 'Version 2.0.1' link.

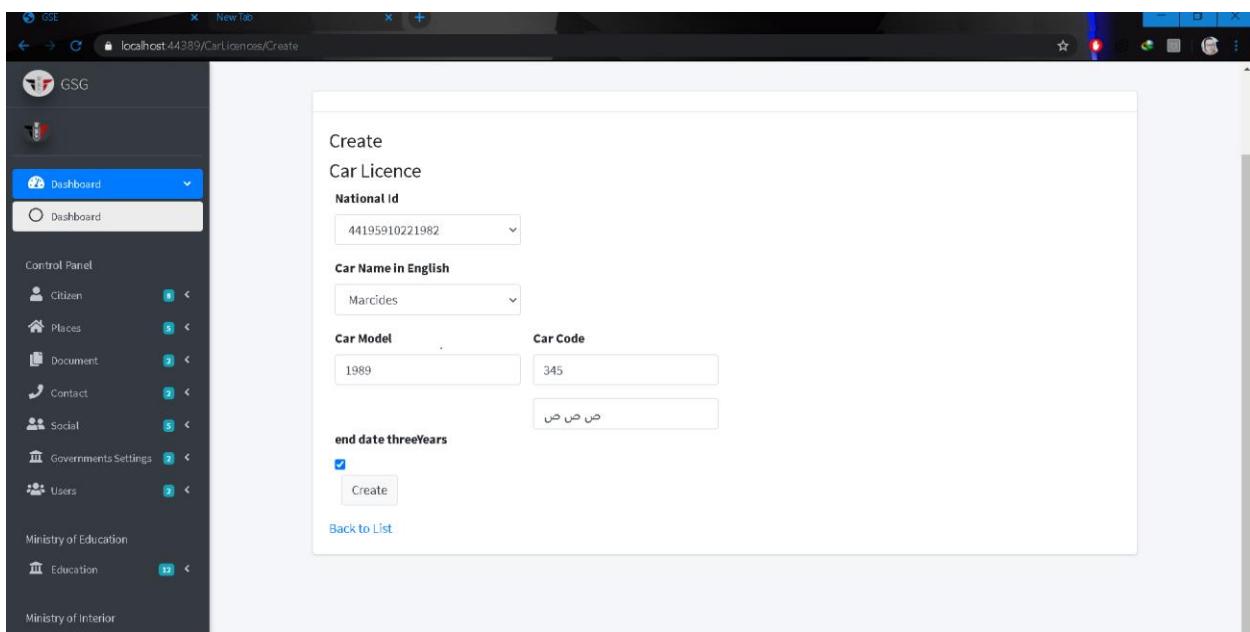


Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.



Create a car license

User must select national id of citizen and car name from its dropdowns then write the model of car and the code then click on “create button”



Then the system will redirect to the index page and user should select the national id of the citizen to display information of his/her car/s.

GSG

☰ Home Contact Search  

 Dashboard 

 Dashboard

 Citizen 8 <

 Places 5 <

 Document 2 <

 Contact 3 <

 Social 5 <

 Governments Settings 2 <

 Users 2 <

Ministry of Education
 Education 12 <

Ministry of Interior
 Police Department 2 <

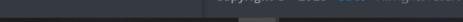
Index

Car Licence

[Create New](#)

National Id				
<input type="text" value="44195910221982"/>				
CarName	Car Code	Car Model	start date	end date
asdasd	123 فا	1972	2020-02-05	2023-02-04
sadsad	323 سيف	1970	2020-02-05	2021-02-04

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 Version 2.0 9:17 PM
06/14/2020

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

 GSG



 Dashboard

 Control Panel

 Citizen

 Places

 Document

 Contact

 Social

 Governments Settings

 Users

Ministry of Education

 Education

Ministry of Interior

 Police Department

Edit

Car Licence

National Id

44195910221982

Car Name in English

Marcides

Car Model

1972

Car Code

Enter three digits

Enter three letters in arabic

end date threeYears

Edit

[Back to List](#)



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a confirmation dialog box titled "Delete". Inside, it says "Car Licence" and asks "Are you sure you want to delete this?". Below this, there are several input fields: "CarName" (asdasd), "Car Code" (123)، and "Car Model" (1972). There are also date fields for "start date" (02/05/2020 12:00:00 AM) and "end date" (02/04/2023 12:00:00 AM). At the bottom, there are two buttons: "Delete" (in grey) and "Delete" (in blue).

Create university

The user should specify the address of the university and write its name then click on “create button”

The screenshot shows a "Create Universities" form. It includes fields for "University Type" (set to "Private"), "University Name in English" (American University in Egypt), and "University Type Name in Arabic" (جامعة الامريكيه بمصر). Below these are dropdowns for "State" (Cairo), "City" (Abbasia), "Region" (Abdo Basha), and "District" (Waly Department). A "Photo" field shows a file named "44198910244...b0a (1).pdf". At the bottom are "Create" and "Back to List" buttons.



The system will redirect to index page and user should specify the address to display all university of the selected address

This screenshot shows the GSE Project index page for universities. The left sidebar contains a navigation menu with items like Control Panel, Ministry of Education, and Ministry of Interior. The main content area has a title 'Index' and 'Universities'. A 'Create New' button is visible. Below it, there are dropdown menus for 'State' (Cairo), 'City' (Fifth Settlement), 'Region' (90's street), and 'District' (Amricana Plaza). A table row shows a university entry: 'Future University in Egypt' under 'University' and 'Private' under 'University Type'. There are edit and trash icons next to the entry. At the bottom, there is a copyright notice 'Copyright © 2020 GSC. All rights reserved.' and a 'Version 2.0.1' link.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

This screenshot shows the GSE Project edit page for a university. The left sidebar is identical to the index page. The main content area has a title 'Edit' and 'Universities'. It shows a form with 'University Type' set to 'Private', 'University Name in English' as 'Future University in Egypt', and 'University Type Name in Arabic' as 'جامعة المستقبل'. Below these are dropdown menus for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), and 'District' (Waily Department). A 'Save' button is at the bottom. A 'Back to List' link is also present.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a web-based administrative interface. On the left is a sidebar with a dark header 'GSG' and a navigation menu. The main content area has a title 'Delete Universities' and a sub-question 'Are you sure you want to delete this?'. Below this, there is a section for 'University' with the name 'Future University in Egypt' and 'University Type'. At the bottom of the dialog are two buttons: 'Delete' and 'Back to List'. The footer of the page includes copyright information 'Copyright © 2020 GSG. All rights reserved.' and a version number 'Version 2.0.1'.

Create faculty

User must enter name of the faculty and specify how much year and the section of school the click on “create button”

The screenshot shows a 'Create Faculty' form. The sidebar on the left is identical to the previous one. The main form has a title 'Create Faculties'. It contains fields for 'Faculty Name in English' (with 'Computer and information Tec' entered) and 'Faculty Name in Arabic' (with 'حاسبات وتقنيات المعلومات' entered). There are also fields for 'Number of Year' (set to 4) and 'Section' (set to 'Scientific'). At the bottom of the form are two buttons: 'Create' and 'Back to List'.



The system will redirect to index page to display all faculties in Egypt

This screenshot shows the 'Index' page of the GSE Project. The left sidebar contains a navigation menu with items like Dashboard, Control Panel, Ministry of Education, and Ministry of Interior. The main content area displays a table titled 'Index' with the following data:

Faculty	Section	Number of Year	Action
Faculty of Dentistry	Scientific	7	
Computer and Information Technology	Scientific	4	
Faculty of Engineering	Scientific	5	
Faculty of Business	Scientific and Literary	4	
Faculty of Pharmacy	Scientific	5	

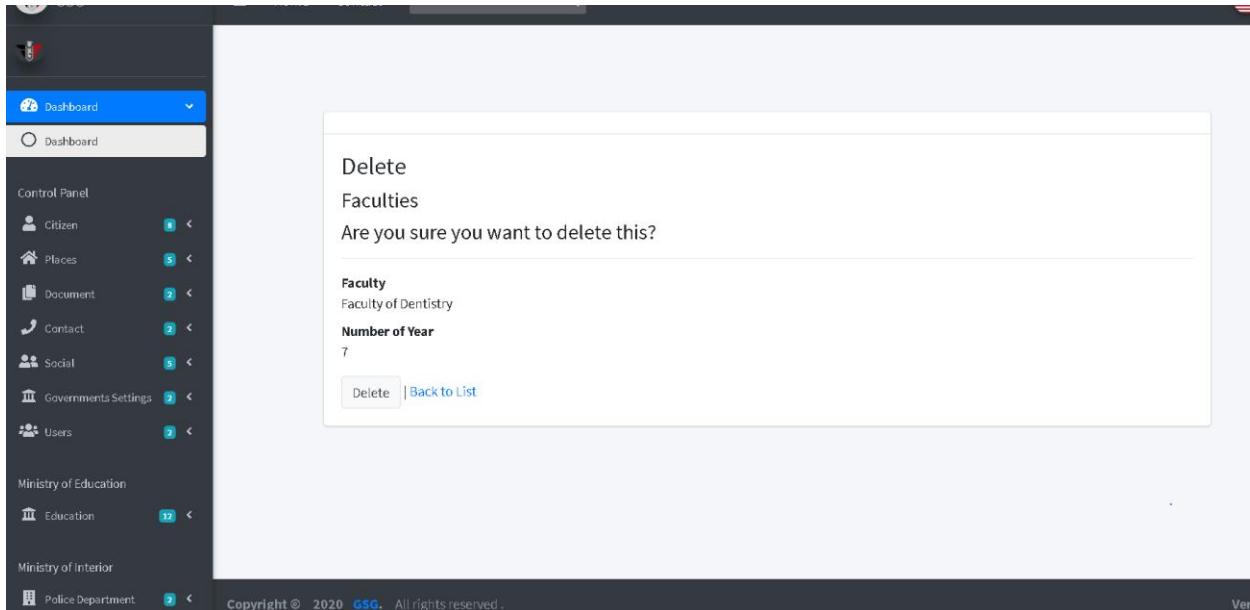
At the bottom of the page, there is a copyright notice: 'Copyright © 2020 GSC. All rights reserved.' and a version number 'Version 2.0.1'.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

This screenshot shows the 'Edit' page for a faculty. The left sidebar is identical to the previous screenshot. The main content area has a title 'Edit Faculties'. It contains two input fields: 'Faculty Name in English' (containing 'Faculty of Dentistry') and 'Faculty Name in Arabic' (containing 'كلية الطب'). Below these are two dropdown menus: 'Number of Year' (set to '7') and 'Section' (set to 'Scientific'). A 'Save' button is located at the bottom left, and a 'Back to List' link is at the bottom right.

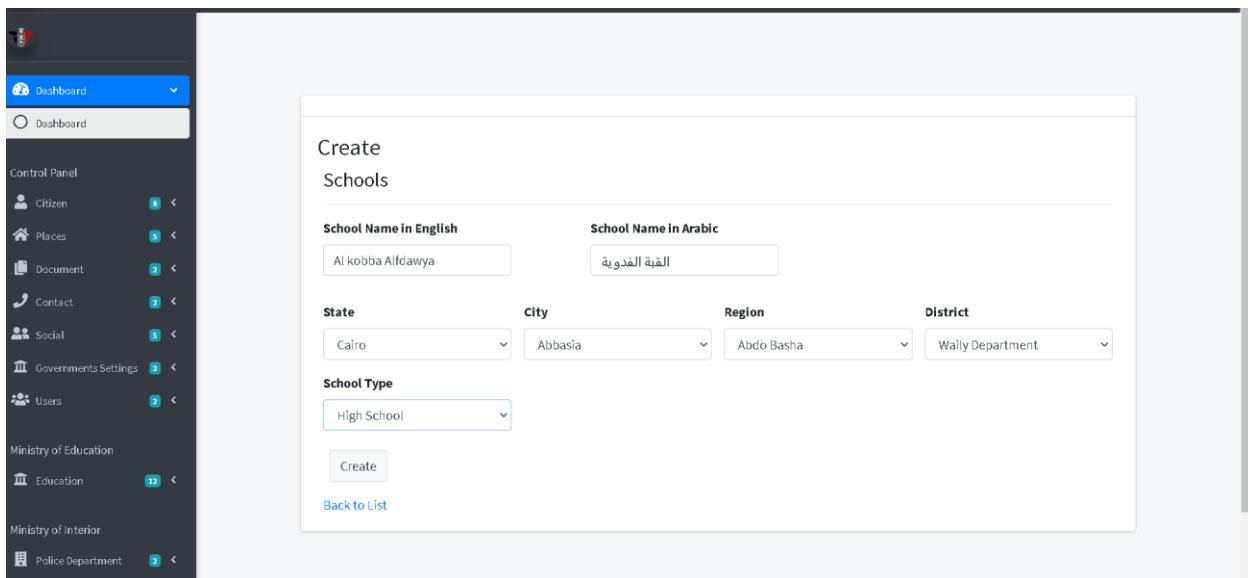


Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.



Create school

User must specify the address of the school and its type and enter name of it the click on “create button”





The system will redirect to index page and user should specify the address to display all Schools of the selected address

This screenshot shows the GSE Project index page. On the left, there is a sidebar with various menu items under 'Control Panel' and 'Ministry of Education'. The main area has a search bar at the top. Below it, there is a section titled 'Index School' with a 'Create New' button. A search form is present with dropdowns for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), and 'District' (Waily Department). The 'School Name' field contains 'Abbasia School' with edit and trash icons next to it. At the bottom of the page, there is a copyright notice and a 'Version 2.0' link.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

This screenshot shows the GSE Project edit page for a school. The sidebar and top navigation are identical to the index page. The main area is titled 'Edit Schools'. It has two input fields: 'School Name in English' (Abbasia School) and 'School Name in Arabic' (مدرسة العباسية). Below these are the same search dropdowns for State, City, Region, and District. A 'School Type' dropdown is set to 'High School'. At the bottom, there is a 'Save' button and a 'Back to List' link.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project dashboard. On the left is a sidebar with a dark theme containing a navigation menu. The main area displays a modal dialog box with the title 'Delete'. Inside the dialog, the word 'School' is displayed above the question 'Are you sure you want to delete this?'. Below the question, there are two fields: 'School Name' (set to 'Abbasia School') and 'School Type'. At the bottom of the dialog are two buttons: 'Delete' and 'Back to List'.

Create Educational directorate

The user should enter the directorate name and specify the administration the belongs to then click on “create button”

The screenshot shows the GSE Project dashboard. The sidebar on the left is identical to the previous screenshot. The main area displays a modal dialog box with the title 'Create'. Inside the dialog, the heading 'Education Directorate' is shown. Below it, there are two input fields: 'Administration Name in English' (containing 'adminstration of nasr city') and 'Administration Name in Arabic' (containing 'ادارة مدينة نصر'). A dropdown menu labeled 'Educational Administration' is set to 'Cairo'. At the bottom of the dialog are two buttons: 'Create' and 'Back to List'. At the very bottom of the page, a footer bar contains the text 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.



Then the system will redirect the index page to display all directorate by selected administration

The screenshot shows the GSE Project interface. On the left is a dark sidebar with a navigation menu. The main content area has a white background. At the top, it says "Index" and "Create New". Below that, it says "Education Directorate" with a dropdown menu set to "Cairo". Under "Educational Administration Name", the text "Abbasia Adminstration" is displayed. There are edit and trash icons to the right of the name. The sidebar includes sections for Control Panel, Ministry of Education, and Ministry of Interior.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “save button”

The screenshot shows the GSE Project interface. On the left is a dark sidebar with a navigation menu. The main content area has a white background. At the top, it says "Edit" and "Educational Administration". Below that, there are two input fields: "Administration Name in English" containing "Abbasia Adminstration" and "Administration Name in Arabic" containing "ادارة العباسية". Under "Administration Name in English", there is a dropdown menu set to "Cairo" and a "Save" button below it. At the bottom, there is a "Back to List" link. The sidebar includes sections for Control Panel, Ministry of Education, and Ministry of Interior.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a delete confirmation dialog titled "Delete". The question "Are you sure you want to delete this?" is followed by the text "EducationDirectorate". Below this, there are several form fields: "DirectorateName" (Abbasia Administration), "DirectorateNameArabic" (ادارة العباسية), "Is_Deleted" (False), and "state_name" (Cairo). At the bottom of the dialog are two buttons: "Delete" and "Back to List".

Create specialization of faculty

User must write the specialization name and specify its faculty and university the click on “create button”

The screenshot shows a "Create Specialization of Faculty" form. It has two input fields: "Specialization Name in English" (Cs) and "Specialization Name in Arabic" (Cs). Below these are dropdown menus for "University" (Future University in Egypt) and "Faculty" (Computer and Information). At the bottom of the form are two buttons: "Create" and "Back to List".



Then the system will redirect to the index page then display all specialization the specific faculty belongs to selected university.

The screenshot shows the 'Index' page of the GSE Project. On the left is a sidebar with a 'Control Panel' section containing links for Citizen, Places, Document, Contact, Social, Government Settings, Users, Ministry of Education, Education, Ministry of Interior, and Police Department. The main content area has a title 'Specialization of Faculty' with a 'Create New' button. Below this are two dropdown menus: 'University' set to 'Future University in Egypt' and 'Faculty' set to 'Computer and Information'. A table lists three specializations: 'Computer Science' (with edit and delete icons), 'Information Technology' (with edit and delete icons), and 'Information System' (with edit and delete icons).

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for a specialization. The sidebar is identical to the previous screenshot. The main content area has a title 'Specialization of Faculty'. It includes two input fields: 'Specialization Name in English' (set to 'Computer Science') and 'Specialization Name in Arabic' (set to 'حاسبات ومعلومات'). Below these are dropdown menus for 'University' (set to 'Future University in Egypt') and 'Faculty' (set to 'Computer and Information'). At the bottom are 'Edit' and 'Back to List' buttons.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project dashboard. On the left is a sidebar with various menu items like Control Panel, Ministry of Education, and Ministry of Interior. The main content area has a title "Delete" and a message "Specialization of Faculty". Below that is a question "Are you sure you want to delete this?". Underneath, there are fields for "Specialization Name" (Computer Science) and "Faculty" (Computer and Information Technology). At the bottom are "Delete" and "Back to List" buttons.

Add new student

The system will display to the user two boxes for the student in Egypt and that educated abroad to add

The screenshot shows the GSE Project dashboard. The main content area has a title "Add New Student". It displays two dark rectangular boxes. The first box on the left contains the number "5" and the text "Educated Inside" followed by a plus icon. The second box on the right contains the number "1" and the text "Educated Abroad" followed by a plus icon. Both boxes have "Add New Student" buttons at the bottom.



If the user clicks on “educated inside card” the system will show all phases of the education and how many students in each phase should added in the system

The screenshot shows the GSE Project 2019-2020 dashboard. On the left, there is a sidebar with various menu items under Control Panel, Ministry of Education, and Ministry of Interior. The main content area is titled "Add New Student". It features four colored cards representing different education phases: Primary Phase (0 students, teal card), Intermediate Phase (1 student, green card), Secondary Phase (2 students, yellow card), and Universities (1 student, red card). Each card has a "Add New Student" button.

Then the user should click on one of four cards to add students in each phase of education, so the user should fill the fields to add student in specific phase

Intermediate phase: the user should select or search for national id of student and select School by specify the address of it then click on “create button “

The screenshot shows the GSE Project 2019-2020 interface. The sidebar is identical to the previous screenshot. The main content area is titled "Intermediate phase". It contains form fields for "Student" (national ID: 44202002034251, name: Donia Shawky Mohamed Shawky), "State" (Cairo), "City" (Abbasia), "Region" (Abdo Basha), "District" (Wally Department), and "Schools" (Abbasia School). A "Create" button is located at the bottom of the form.



Then the system will go to the index page and display all student by selecting a school and its address, so the user can find student in that school he searched.

The screenshot shows the 'Index' page of the GSE Project. On the left is a sidebar with a 'Dashboard' button highlighted in blue. The main content area has a title 'Index'. It includes dropdown menus for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), and 'District' (Waily Department). Below these is a 'Schools' dropdown set to 'Abbasia School'. A table displays a single student record: 'Student' (Donia Shawky Mohamed Shawky) and 'National Id' (44202002034251). At the bottom right of the table are edit and delete icons. The footer contains copyright information and a link to the version (Version 2.0.1).

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Create' page of the GSE Project. The sidebar is identical to the previous screenshot. The main content area has a title 'Create' and a table for entering student information. The 'Student' field contains 'Donia Shawky Mohamed Shawky' and 'National Id' '44202002034251'. Below this are dropdowns for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), and 'District' (Waily Department). The 'Schools' dropdown is set to 'Abbasia School'. At the bottom is a 'Save' button. The footer is identical to the previous screenshot.



The secondary phase: the user should select or search for national id of student, select School by specify the address of it and the section of this phase then click on “create button”

Create
High School

Students
4419766155931
Gabr Samy Metwaly Alaa

State Cairo **City** Abbasia

Region Abdo Basha **District** Wailly Department

School Abbasia School

Scientific Literary

Create

Then the system will go to the index page and display all student by selecting a school and its address, so the user can find student in that school he searched.

Index

State Cairo **City** Abbasia **Region** Abdo Basha **District** Wailly Department

Schools Abbasia School

Student	National Id
Gabr Samy Metwaly Alaa	4419766155931
Mai Samy Omar Metwaly	44199111257295



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for a High School student. On the left is a sidebar with various menu items like Dashboard, Control Panel, Ministry of Education, and Ministry of Interior. The main area has a title 'Edit' and 'High School'. It contains fields for 'Students' (dropdown with value 4419766155931, showing 'Gabr Samy Metwaly Alaa'), 'State' (dropdown with value Cairo), 'City' (dropdown with value Abbassia), 'Region' (dropdown with value Abdo Basha), 'District' (dropdown with value Wally Department), 'School' (dropdown with value Abbassia School), and 'Category' (radio buttons for Scientific and Library, with Scientific selected). A 'Save' button is at the bottom.

The University phase: the user should select or search for national id of student, select faculty by specify the address of university and select university then click on “create button “

The screenshot shows the 'Create' page for University Registration. The sidebar is identical to the previous screenshot. The main area has a title 'Create' and 'University Registration'. It contains fields for 'Students' (dropdown with value 441988225232, showing 'Nabilah Mohamed Ahmed Mahmoud'), 'University Type' (dropdown with value Private), 'University' (dropdown with value Future University in Egypt), and 'Faculty' (dropdown with value Faculty of Dentistry). A 'Create' button is at the bottom. The footer includes copyright information 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.



Then the system will go to the index page and display all student by selecting a faculty, university and its address, so the user can find student in that school he searched.

The screenshot shows the 'Index' page of the GSE Project. On the left is a sidebar with a navigation menu. The main content area has three dropdown menus: 'University Type' (Private), 'University' (Future University in Egypt), and 'Faculty' (Faculty of Engineering). Below these are three columns: 'Students' (Ahmed Shawky Mohamed Shawky), 'National Id' (442020116474), and 'Graduated' (true). At the bottom right of the content area are edit and delete icons. The footer includes copyright information and a version number.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for 'University Registration'. The sidebar and top navigation are identical to the previous screenshot. The main content area is titled 'Edit' and 'University Registration'. It contains a 'Students' dropdown (441988225232, Nabila Mohamed Ahmed Mahmoud), a 'University Type' dropdown (Private), a 'University' dropdown (Future University in Egypt), and a 'Faculty' dropdown (Computer and Information). A 'Save' button is at the bottom. The footer includes copyright information and a version number.



If the user clicks on the “educated abroad card” the system will redirect to create page that can the user add the student who educated abroad.

The screenshot shows the GSE Project dashboard. On the left is a sidebar with various menu items under 'Control Panel', 'Ministry of Education', and 'Ministry of Interior'. The main area is titled 'Add New Student'. It features two dark rectangular cards. The first card on the left is labeled '5 Educated Inside' and has an 'Add New Student' button. The second card on the right is labeled '1 Educated Abroad' and also has an 'Add New Student' button. At the bottom of the screen, there is a footer bar with copyright information and a version number.

The user must select the national id of student and upload a document that prove the student is educated abroad then click on “create button”

The screenshot shows the GSE Project dashboard. The sidebar is identical to the previous screenshot. The main area is titled 'Create EducationalOut'. It has a 'National Id' field containing '44195910221982', which is associated with 'Gabr Samy Metwaly Alaa'. Below that is a 'Document' field with a 'Choose File' button and a file path '2217574_15...583076.pdf'. At the bottom is a 'Create' button and a 'Back to List' link. The footer bar includes copyright and version information.



Then the system will redirect to the index page to display all student that educated abroad

The screenshot shows the 'Educated Abroad' index page. The left sidebar has a 'Dashboard' section selected. The main content area displays a table with columns: Students, National Id, Document, and Date. One row is shown: Donia Shawky Mohamed Shawky, 44202002034251, Sraa, 12/12/2012 12:00:00 AM. There are edit and delete icons next to each row.

Students	National Id	Document	Date
Donia Shawky Mohamed Shawky	44202002034251	Sraa	12/12/2012 12:00:00 AM

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit EducationalOut' page. The left sidebar has a 'Dashboard' section selected. The main content area has a 'National Id' field containing '44202002034251'. Below it is a 'Document' field with a file icon. At the bottom are 'Save' and 'Back to List' buttons.



Add graduated student in university

The user should select the grade and filter student by university type, address and faculty then he can choose more than one student that have the same selected grade and click on “create button”.

This screenshot shows the 'Create' page for adding a student certificate. The left sidebar contains a navigation menu with sections like Control Panel, Ministry of Education, and Ministry of Interior. The main form has fields for University Type (Private), University (Future University in Egypt), Faculty (Computer and Information), Certificate (Computer Science Certificate), Grade (Excellent), and Students (a dropdown menu). A 'Create' button is at the bottom, and a 'Back to List' link is also present.

Then the system will go to index page and the user can filter the graduated student by date, faculty or specialization of the selected faculty

This screenshot shows the 'Index' page displaying graduated students. The left sidebar is identical to the previous screen. The main area has a 'Create New' button and filters for Grade (Excellent), University Type (Private), University (Future University in Egypt), Faculty (Faculty of Engineering), Specialization (Electrical), and Date (05/31/2020). Below the filters is a table with columns: Student, National Id, Specialization, and Date. One row is shown: Ahmed Shawky Mohamed Shawky, 442020116474, Electrical, 2020-05-31. There are edit and delete icons next to the row.



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the application's interface. On the left is a dark sidebar menu with various categories like Control Panel, Ministry of Education, and Ministry of Interior. The 'Dashboard' item is currently selected. The main content area has a title 'Edit' and a sub-title 'CertificateStudentM_M'. It contains several input fields: 'StudentId' (441988225232), 'CertificateId' (Engineering Certificate), 'Is_Deleted' (Not Set), 'Date' (05/31/2020 12:00:00 AM), and 'GradeId' (Excellent). A 'Save' button is at the bottom, and a 'Back to List' link is also present.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the 'Delete' confirmation page. The title is 'Delete' and it asks 'Are you sure you want to delete this?'. Below that is the sub-title 'CertificateStudentM_M'. It lists the fields: 'Is_Deleted' (Not Set), 'Date' (05/31/2020 12:00:00 AM), 'CertificateTypeName', 'GradeName', and 'SchoolSection'. At the bottom are 'Delete' and 'Back to List' buttons.



Create a coordination for faculties

The user should fill the required fields, specify the size of student and the grade of the selected faculty

Then click on "create button"

Create Coordination

University Type	University
Private	Future University in Egypt
Faculty	Maximum Students Count
Computer and Information	500
Grade	Year
80	2020

[Create](#) [Back to List](#)

Then the system will go to index page and the user can filter coordination by university type, university and faculty

Index

[Create New](#)

University Type	University	Faculty
Private	Future University in Egypt	Computer and Information
Maximum Students Count	Year	Grade
200	2020	70

[Filter](#) [Clear](#)

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Version 2.0



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for 'Coordination'. The left sidebar has a 'Control Panel' section with links like Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, Ministry of Interior, and Police Department. The main content area has a title 'Edit' and 'Coordination'. It contains several input fields: 'University Type' (dropdown, selected 'Private'), 'University' (dropdown, selected 'Future University in Egypt'), 'Faculty' (dropdown, selected 'Computer and information'), 'Maximum Students Count' (text input, '200'), 'Year' (text input, '2020'), 'Grade' (text input, '70.0000'), and a 'Save' button. Below the form is a link 'Back to List'.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the 'Delete' confirmation page for 'Coordination'. The left sidebar is identical to the previous screenshot. The main content area has a title 'Delete' and a message 'Are you sure you want to delete this?'. Below it is the 'Coordination' form with the same fields as the 'Edit' page. At the bottom are 'Delete' and 'Back to List' buttons.



Add Certification

The user should fill the required fields then click on “create button”

The screenshot shows the GSE Project dashboard with a sidebar containing various administrative links like Control Panel, Citizen, Places, Document, Contact, Social, Government Settings, Users, Ministry of Education, and Ministry of Interior. The main content area is titled 'Create Certificate Types'. It has two input fields: 'Certificate Name in English' (containing 'Engineering Certificate') and 'Certificate Name in Arabic' (containing 'هندسة'). A 'Create' button is visible below the fields, and a 'Back to List' link is at the bottom.

Then the system will redirect to the index page and display all certificates

The screenshot shows the GSE Project dashboard with the same sidebar. The main content area is titled 'Index Certificate Types' and contains a table of existing certificate types. The table includes columns for the certificate name and actions (Edit and Delete). The listed certificates are Secondary Certificate, InterMidiate Certificate, Primary Certificate, Computer Science Certificate, Bussiness Certificate, and Engineering Certificate.

Certificate Types	Action
Secondary Certificate	
InterMidiate Certificate	
Primary Certificate	
Computer Science Certificate	
Bussiness Certificate	
Engineering Certificate	



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

Edit
Certificate Types

Certificate Name in English
InterMidiate Certificate

School Type Name in Arabic
شهادة الإعدادية

Save

[Back to List](#)

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

Delete
Certificate Types

Are you sure you want to delete this?

Certificate Types
InterMidiate Certificate

[Delete](#) | [Back to List](#)



Add grades

The user should fill the required fields then click on “create button”

Grade Name in English: Good

Grade Name in Arabic: جيد

Grade Percentage: 80

Create

Back to List

Then the system will redirect to the index page and display all grades

GradeName	GradePercentage	
Excellent	90.00	
Very Good	85.00	



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for a Grade. The left sidebar has a 'Control Panel' section with links for Citizen, Places, Document, Contact, Social, Governments Settings, and Users. Below that are sections for Ministry of Education and Ministry of Interior. The main content area has a title 'Edit' and a sub-section 'Grade'. It contains two input fields: 'Grade Name in English' (Exellent) and 'Grade Name in Arabic' (إمتياز). There is also a 'Grade Percentage' field (90.00) and a 'Save' button. A 'Back to List' link is at the bottom.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the 'Delete' confirmation page for a Grade. The left sidebar is identical to the previous screenshot. The main content area has a title 'Delete' and a message 'Are you sure you want to delete this?'. Below it is a 'Grade' section with 'GradeName' (Very Good) and 'GradePercentage' (85.00). At the bottom are 'Delete' and 'Back to List' buttons.



Add Live Status

The user should fill the required fields then click on “create button”

Create
Live Status

Citizen National Id
44196310226358

Hanan Abdelrahman Mohamed Sallam

Live Status Type
Alive

Create

Back to List

Then the system will redirect to the index page and display all Live status by selecting national id of citizen

Index
Live Status

Create New

44201912312292

Citizen Name	Live Status Type	
Abdelrahman Shawky Mohamed Shawky	Alive	Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the GSE Project application interface. On the left is a sidebar with a dark theme containing various menu items under 'Control Panel', 'Ministry of Education', and 'Ministry of Interior'. The 'Dashboard' item is currently selected. The main content area has a light gray background and features a title 'Edit' above a section titled 'Live Status'. Inside this section, there are two input fields: 'Citizen National Id' with the value '44195910221982' and 'Live Status Type' with the value 'Alive'. Below these fields is a blue 'Edit' button. At the bottom of the content area is a blue 'Back to List' link. The footer of the page includes the text 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

This screenshot shows the GSE Project application interface after a deletion action. The layout is similar to the previous 'Edit' page, with the sidebar on the left and a light gray content area on the right. In the content area, there is a message 'Are you sure you want to delete this?' above the 'Live Status' section. The 'Citizen National Id' and 'Live Status Type' fields are still present with their respective values. At the bottom of the content area are two buttons: a blue 'Delete' button and a blue 'Back to List' link. The footer of the page includes the text 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.



Add live status type

The user should fill the required fields then click on “create button”

Live Status Type

LiveStatus Type Name in English

Live Status Type Name in Arabic

Create

Back to List

Then the system will redirect to the index page and display all Live status types

Live Status Type	
Create New	
Alive	Edit Delete
Dead	Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

Dashboard

Control Panel

- Citizen
- Places
- Document
- Contact
- Social
- Governments Settings
- Users

Ministry of Education

Education

Ministry of Interior

Police Department

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Version 2.0

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

Dashboard

Control Panel

- Citizen
- Places
- Document
- Contact
- Social
- Governments Settings
- Users

Ministry of Education

Education

Ministry of Interior

Police Department

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Version 2.0



Add vaccination type

The user should fill the required fields then click on “create button”

Vaccination Type

Vaccination Type Name in English Vaccination Type Name in Arabic

Vaccination Type Age - day

10

Create

[Back to List](#)

Then the system will redirect to the index page and display all vaccination types

List of Vaccination Type	
Create New	
Show 10 entries	
Vaccination Type Name	Vaccination on Age
Plague	10
poliomyelitis	5

Showing 1 to 2 of 2 entries

Previous 1 Next



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

Vaccination Type

Vaccination Type Name in English	Vaccination Type Name in Arabic	Vaccination on Age - day
Plague	طاعون	10

[Edit](#)

[Back to List](#)

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

Vaccination Type

Are you sure you want to delete this?

Vaccination Type Name	Vaccination Type Period
poliomyelitis	5

[Delete](#) | [Back to List](#)



Add vaccination schedule

The user will go through two step to make a schedule.

Step 1: the user should filter the vaccination he want to put a schedule to it by health care type, address and select the health care then click on “next button”

The screenshot shows a 'Dashboard' page with a sidebar containing 'Control Panel' and 'Ministry of Interior' sections. The main area is titled 'Add Vaccination Schedule'. It includes dropdown menus for 'HealthCare Type' (set to 'Hospital'), 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), 'District' (Waily Department), 'Hospital' (Waily Hospital), and 'Vaccination' (Plague). A 'next' button is at the bottom.

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Version 2.0.1

Step 2: now the user must fill the date, checkup start, checkup end and maximum number of children then click on “Create button”

The screenshot shows the same 'Add Vaccination Schedule' form as above, but with different input fields. It includes dropdown menus for 'Check UP Date' (06/15/2020), 'Check UP Start' (07:13 AM), 'Check UP End' (12:17 PM), and 'Checkup Number' (11). A 'Create' button is at the bottom, and a 'Back to List' link is visible.



Then the system will redirect to the index page and display all vaccination schedules

The screenshot shows a dashboard interface with a sidebar on the left containing links like 'Dashboard', 'Control Panel', 'My Addresses', 'My Documents', 'My Contacts', and 'Ministry of Interior'. The main content area is titled 'Index' and contains a table with four columns: 'Check UP Date', 'Check UP Start', 'Check UP End', and 'Checkup Number'. There are two rows of data:

Check UP Date	Check UP Start	Check UP End	Checkup Number
05/06/2020 12:00:00 AM	11:00:00	16:00:00	20
05/05/2020 12:00:00 AM	05:00:00	03:00:00	65

Actions for each row include 'Edit | Delete'.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows an 'Edit' form for a vaccination schedule. It has four input fields: 'Check UP Date' (mm/dd/yyyy), 'Check UP Start' (11:00 AM), 'Check UP End' (04:00 PM), and 'Checkup Number' (20). Below the form is a 'Save' button and a 'Back to List' link.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a 'Delete' confirmation dialog. It asks 'Are you sure you want to delete this?'. Below it is a summary of the vaccination schedule: 'Schedule Vaccination'. The details listed are: 'Check UP Date' (05/06/2020 12:00:00 AM), 'Check UP Start' (11:00:00), 'Check UP End' (16:00:00), and 'Checkup Number' (20). At the bottom are 'Delete' and 'Back to List' buttons.



Add health care type

The user should fill the required fields then click on “create button”

Add HealthCare Schedule

HealthCare Type: Hospital

State: Cairo City: Abbasia

Region: Abdo Basha District: Waily Department

Hospital: Waily Hospital Specialization: Heart Doctors: Gabr Samy Metwaly Alaa

next

Then the system will redirect to the index page and display all health care types

Healthcare Type Name	Action
Hospital	Edit Delete
Clinic	Edit Delete
Healthcare Center	Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the GSE Project application interface. On the left is a dark sidebar with a navigation menu. The main content area has a title 'Edit' and 'HealthCare Type'. It contains two input fields: 'Healthcare Type Name in English' with the value 'Hospital' and 'Healthcare Type Name in Arabic' with the value 'جامعة'. Below these is an 'Edit' button and a 'Back to List' link. The footer includes copyright information and a 'Version 2.0.1' link.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the GSE Project application interface. On the left is a dark sidebar with a navigation menu. The main content area has a title 'Delete' and 'HealthCare Type'. It asks 'Are you sure you want to delete this?'. Below is a 'Healthcare Type Name' field with the value 'Healthcare Center'. At the bottom are 'Delete' and 'Back to List' buttons. The footer includes copyright information and a 'Version 2.0.1' link.



Add Doctor Schedule

The user will go through two step to make a schedule.

Step 1: the user should filter the Doctors he want to put a schedule to him/her by health care type, address and select the specialization of the selected health care then click on “next button”

This screenshot shows the 'Add HealthCare Schedule' form. On the left is a sidebar with various administrative links like Control Panel, Ministry of Education, and Ministry of Interior. The main form has four dropdown menus: 'HealthCare Type', 'State' (with 'City' dropdown), 'Region' (with 'District' dropdown), and 'Hospital' (with 'Specialization' and 'Doctors' dropdowns). A 'next' button is at the bottom.

Step 2: now the user must fill the date, checkup start, checkup end and maximum number of children then click on “Create button”

This screenshot shows the 'Add HealthCare Schedule' form in its second step. It includes fields for 'Check UP Date' (set to 06/15/2020), 'Check UP Start' (set to 07:35 AM), 'Check UP End' (set to 07:35 PM), and 'Checkup Number' (set to 30). Below these is a 'Create' button and a 'Back to List' link.



Then the system will redirect to the index page and display all doctor schedules

The screenshot shows the 'Index' page of the GSE Project. On the left, there is a sidebar with a dark background and white icons for various modules: Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, Ministry of Interior, and Police Department. The 'Dashboard' icon is highlighted with a blue bar. At the top of the main content area, there are navigation links for 'Home', 'Contact', 'Search', and a magnifying glass icon. Below these, there is a 'Create New' button. The main content area displays a table with three columns: 'Check UP Start', 'Check UP End', and 'Checkup Number'. The data in the table is as follows:

Check UP Start	Check UP End	Checkup Number	Action
09:00:00	16:00:00	40	Edit Delete
13:00:00	17:00:00	15	Edit Delete
10:00:00	15:00:00	26	Edit Delete

At the bottom of the page, there is a copyright notice 'Copyright © 2020 GSG. All rights reserved.' and a 'Version 2.0' link.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page of the GSE Project. The sidebar and top navigation are identical to the index page. The main content area has a title 'Edit' and contains four input fields: 'Check UP Date' (with a date picker icon), 'Check UP Start' (with a time picker icon), 'Check UP End' (with a time picker icon), and 'Checkup Number' (with a text input field containing '40'). Below these fields is a 'Create' button and a 'Back to List' link. At the bottom of the page, there is a copyright notice 'Copyright © 2020 GSG. All rights reserved.' and a 'Version 2.0.1' link.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a confirmation dialog box titled "Are you sure you want to delete this HealthCare Schedule?". Inside the dialog, there are three fields: "Check UP Start" (10:00:00), "Check UP End" (15:00:00), and "Checkup Number" (26). At the bottom of the dialog are two buttons: "Delete" and "Back to List". The background shows a sidebar with various administrative options like Citizen, Places, Document, Contact, Social, Government Settings, and Users, along with sections for Ministry of Education, Education, Ministry of Interior, and Police Department. The footer includes copyright information and a version number (Version 2.0.1).

Add Specialization

The user should fill the required fields then click on “create button”

The screenshot shows a "Create" form for adding a new specialization type. It has two input fields: "Specialization Name in English" and "Specialization Name in Arabic", both represented by empty input boxes. Below the input fields is a "Create" button. At the bottom of the form is a "Back to List" link. The background sidebar and footer are identical to the previous screenshot, indicating this is a different step in the process.



Then the system will redirect to the index page and display all Specialization

The screenshot shows the application's interface with a dark sidebar on the left containing various menu items like Dashboard, Control Panel, and Ministry of Education. The main content area is titled "Index" and "Specialization". It lists five specialization names: Heart, Children, surgery, ophthalmology, and Dentist, each with "Edit | Delete" links. A "Create New" button is also visible.

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the "Edit" page for a specialization. The title is "Edit Specialization". It has two input fields: "Specialization Name in English" containing "Heart" and "Specialization Name in Arabic" containing "قلب". Below the fields is a "Save" button and a "Back to List" link.



Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows a web application interface. On the left is a sidebar with a dark background and white icons for various modules: Citizen, Places, Document, Contact, Social, Government Settings, and Users. Under 'Ministry of Education' is 'Education'. Under 'Ministry of Interior' is 'Police Department'. At the top right are icons for language selection (American English) and a grid view. The main content area has a title 'Specialization' and a message 'Are you sure you want to delete this?'. Below this is a field labeled 'Specialization Name' with the value 'surgey'. At the bottom are two buttons: 'Delete' and 'Back to List'. The footer contains copyright information 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.

Add doctors

The user must choose doctor national id and select the health care that he work with then click on “create button”

The screenshot shows the 'Add New Doctor' form. The sidebar and top navigation are identical to the previous screenshot. The main form has a title 'Add New Doctor'. It includes a 'Doctor National ID' input field containing '44195910221982', and dropdown fields for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), 'District' (Waily Department), and 'Hospital' (Wally Hospital). A 'Create' button is at the bottom left, and a 'Back to List' link is at the bottom right. The footer is the same as the previous screenshot.



The system will redirect to the index page and display all doctors and their information

The screenshot shows the GSE Project 2019-2020 dashboard. On the left, there is a sidebar with various menu items such as Citizen, Places, Document, Contact, Social, Governments Settings, Users, Ministry of Education, Education, and Ministry of Interior. The 'Dashboard' item is highlighted in blue. The main content area is titled 'Index' and contains a table with the following data:

Doctor Name	Doctor National ID	Health Care Name	Action
Shawky	44195910221982	Wally Hospital	Edit Delete
Shawky	44195910221982	Al Demerdash	Edit Delete
Hanan	44196310226358	Makram Hospital	Edit Delete
Hanan	44196310226358	Abbas Clinic	Edit Delete
Gabr	4419766155931	Al sawra	Edit Delete
Gabr	4419766155931	Wally Hospital	Edit Delete
Hanan	44196310226358	Wally Hospital	Edit Delete
Hanan	44196310226358	Al Demerdash	Edit Delete

Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for a doctor. The sidebar on the left is identical to the previous screenshot. The main content area is titled 'Edit' and contains a form for updating doctor information. The form fields are:

Doctor National ID				
State	City	Region	District	Hospital
Cairo	Abbasia	Abdo Basha	Wally Department	Wally Hospital

Below the form is a 'Save' button and a link to 'Back to List'.

At the bottom of the page, there is a footer with the text 'Copyright © 2020 GSG. All rights reserved.' and 'Version 2.0.1'.



Add health Cares

The user should enter the health care name and filter the place of this health care then specify specializations and if it has any vaccination types then click on “create button”

The screenshot shows a 'Create' form titled 'Add Health Care'. It includes fields for 'Hospital Name' (Hossieni) and 'Hospital Name in Arabic' (الحسيني). Below these are dropdowns for 'State' (Cairo), 'City' (Abbasia), 'Region' (Abdo Basha), and 'District' (Waily Department). There are also dropdowns for 'Healthcare Type' (Hospital), 'Specializations' (Heart), and 'Vaccination Type' (Plague). Time inputs for 'Start Time' (12:59 PM) and 'End Time' (12:59 AM) are present. A 'Create' button and a 'Back to List' link are at the bottom.

Then the system will redirect to the index page and display all health cares and its information

The screenshot shows an 'Index' page listing five health care facilities. The columns are 'Hospital Name', 'Healthcare Type Name', 'District Name', 'Region', 'City', and 'State'. Each entry includes an 'Edit | Delete' link. The facilities listed are Waly Hospital, Al Demerdash, Makram Hospital, Al sawra, and Abbas Clinic.

Hospital Name	Healthcare Type Name	District Name	Region	City	State
Waly Hospital		Waly Department			Edit Delete
Al Demerdash		Tenth Street			Edit Delete
Makram Hospital		Moez Aldawla			Edit Delete
Al sawra		Al Sawra			Edit Delete
Abbas Clinic		Abbas One			Edit Delete



Then the user can edit or delete by click on “edit icon” or “trash icon”, the system will go to edit page and user can edit on the fields then click on “edit button”

The screenshot shows the 'Edit' page for 'Add Health Care'. The left sidebar has a 'Dashboard' section selected. The main form fields include:

- Hospital Name:** Wally Hospital (Arabic: ولي)
- Hospital Name in Arabic:** ولي
- State:** Cairo
- City:** Abbasia
- Region:** Abdo Basha
- District:** Wally Department
- Healthcare Type:** Hospital
- Specializations:** Heart
- Vaccination Type:** Plague
- Start Time:** 08:04 AM
- End Time:** 08:04 AM

Buttons at the bottom include 'Save' and 'Back to List'.

Or will go to delete page and user can confirm deletion by clicking on “delete button” then the system will redirect to index page.

The screenshot shows the 'Delete' confirmation page. The left sidebar has a 'Dashboard' section selected. The main form fields include:

Delete
Are you sure you want to delete this?
Hospital

Hospital Name	Region	State
Wally Hospital	City	Healthcare Type Name

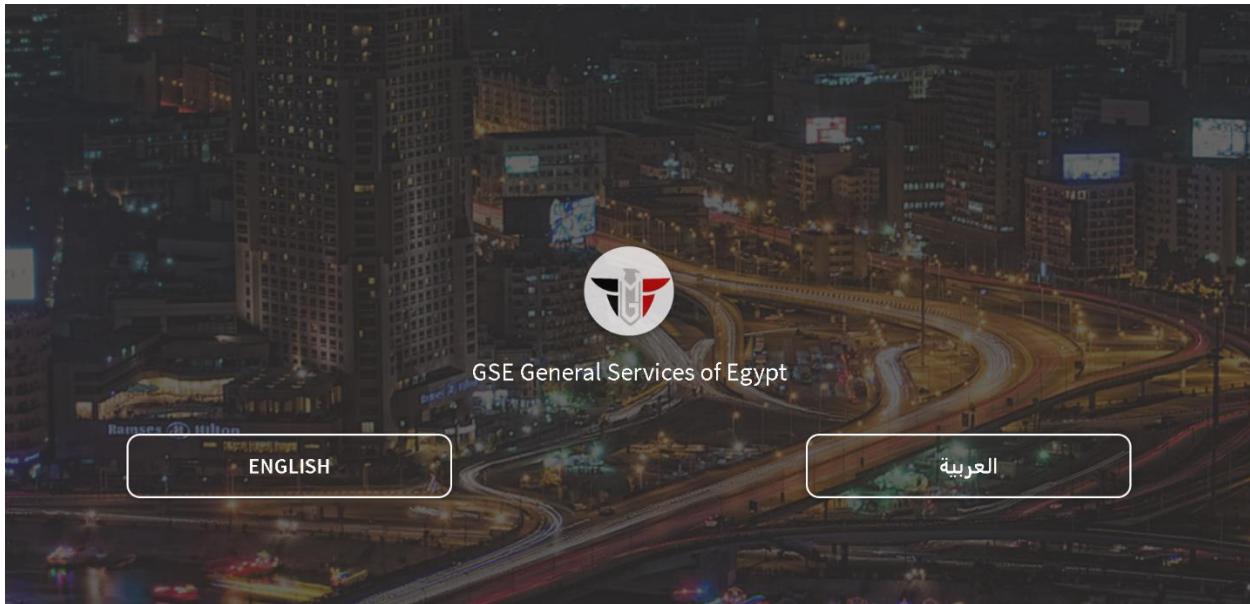
District Name

Buttons at the bottom include 'Delete' and 'Back to List'.



Languages

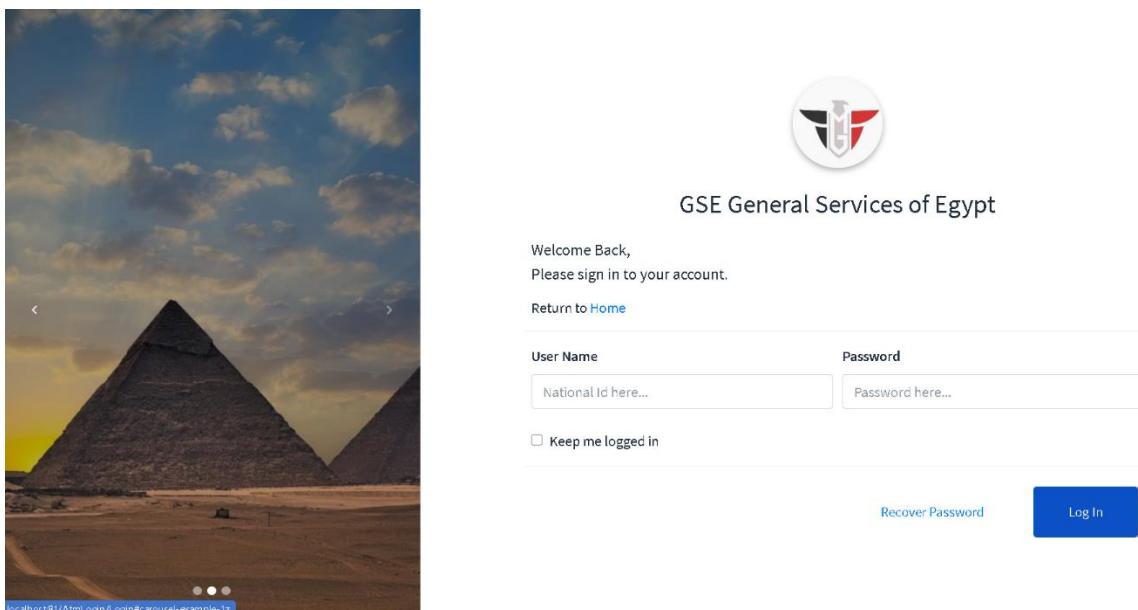
User should specify the language to use ATM



Then the system will redirect to the login page

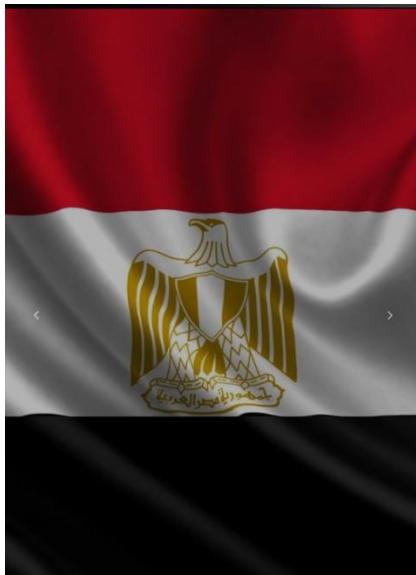
Login

The user can log in using national id with the password which registered before then clicks on “login button”





If the user entered Invalid national id/ username or password and choose his portal then clicks on “login button” the system will display a message “**Wrong username or password**”



 wrong username or password



GSE General Services of Egypt

Welcome Back,
Please sign in to your account.

Return to [Home](#)

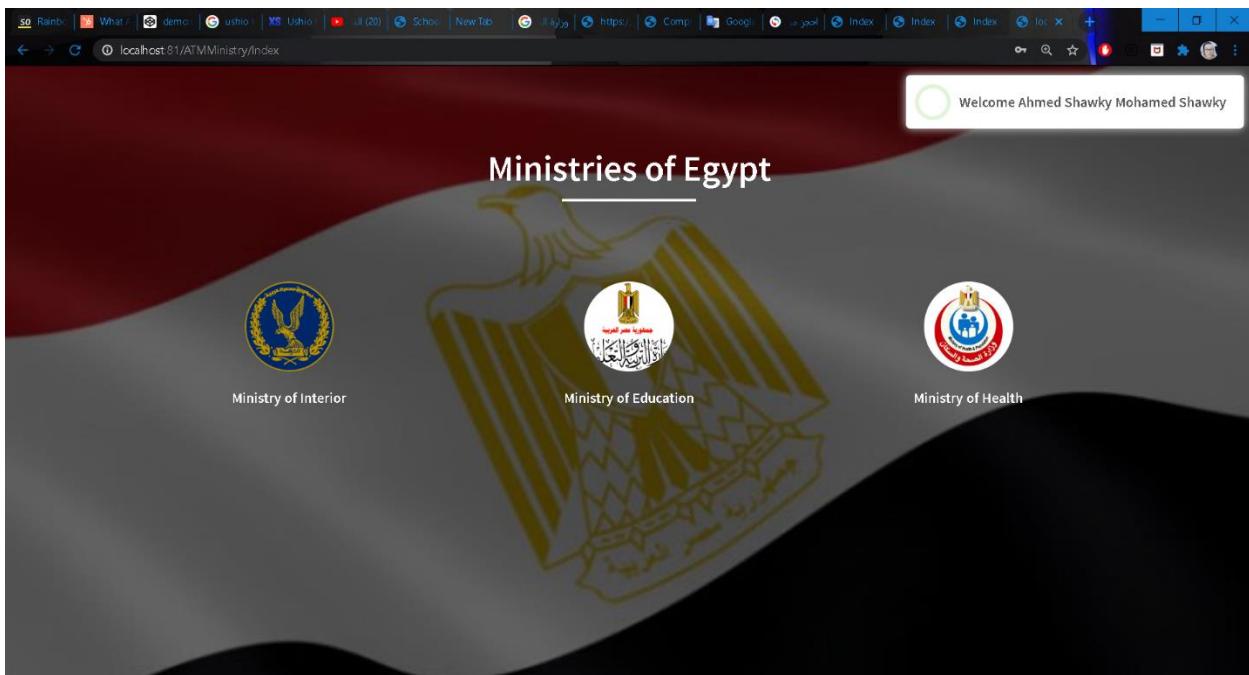
User Name Password

Keep me logged in

[Recover Password](#)

[Log In](#)

Else the system will redirect will to ministries page, then the user can choose the ministry that he/she want



The screenshot shows a web browser window with the URL localhost:81/ATMMinistry/Index. The page has a header "Welcome Ahmed Shawky Mohamed Shawky". Below it, the title "Ministries of Egypt" is displayed over a background of the Egyptian flag. Three ministry logos are shown: "Ministry of Interior" (blue circular logo), "Ministry of Education" (white circular logo with the Egyptian coat of arms), and "Ministry of Health" (red circular logo). The browser's address bar and various tabs are visible at the top.



Ministry of interior

User can extract documents (Birth, Death and marriage/divorce) by clicking on “Civil affairs”

Then the system will redirect to a page that user can choose what he/she want to extract.

The screenshot shows a web browser window with the URL localhost:81/ATMinterior/Index. The page title is "Interior Services". It features three buttons: "Book an appointment" (with a right arrow), "civil affairs" (with a right arrow), and "complaints" (with a right arrow). The "civil affairs" button is highlighted. The top navigation bar includes links for "Home", "Language", "My Balance", and "Logout". A back arrow icon is visible in the bottom left corner.

The screenshot shows the same web browser window after selecting "civil affairs". The page title is "Interior Services". It now displays three buttons for extracting certificates: "Extract Birth Certificate", "Extract Death Certificate", and "Extract Marriage/Divorce Certificate". The "Extract Birth Certificate" button is highlighted. The top navigation bar and back arrow icon are identical to the previous screenshot.



Exporting Birth Document

The system will display user's information, the user could select and search by writing the national id of member of his/her family from a dropdown list then information of that member will displayed in the birth document area.

If the user clicks on "Export button" the system will print the birth document area and system will deduct the price of document from his/her account

The screenshot shows a web-based application for exporting a birth document. At the top, there is a search bar labeled "National Id". Below it, a QR code is displayed next to the text "Birth Document" and the number "442020116474". The main content area is divided into sections: "Child Information", "Father Information", and "Mother Information". Under "Child Information", details are listed: Nationality: Egyptian, Name: Ahmed, Religion: Muslim, Gender: Male. Under "Father Information", details are listed: Religion: Muslim, Name: Shawky Mohamed Shawky Ahmed. Under "Mother Information", details are listed: Religion: Muslim, Name: Alaa Ahmed Shawky Mohamed. A "Print" button is located at the bottom of the document area.



Exporting Death Document

The user can select and search by writing the national id of a member of his/her family from a dropdown list then information of that member will displayed in the death document area.

If the user clicks on “Export button” the system will print the death document area and system will deduct the price of document from his/her account

The Egyptian Arabic Republic Death Document
Ministry of Interior Civil Registry Sector

Deceased Information

Name : Alaa Ahmed Shawky Mohamed
Gender : Male
Nationality : Egypt
Mother Name : Hanan Abdelrahman Mohamed Salam
Social Status : Unmarried

Death Information

Death Date : 2020-02-01
Death Place : house

Birth Information

Age at Death :
Birth Place : house

Exporting Marriage / Divorce Document

Whether user male or female he/she can choose type of social status (marriage/ divorce) then his/her husband/wife that have a relationship with user will appear in dropdown list of national id, so after selecting the national id the information of marriage/ divorce will displayed in document area, system will deduct the price of document from his/her account.

Social Status Type National Id
Divorce 44195910221982

The Egyptian Arabic Republic Divorce Document
Ministry of Interior Civil Registry Sector

Lady Information

Name : Alaa Ahmed Shawky Mohamed
Gender : Female
Nationality : Egypt
Birth Date : 1990-02-01
Religion : Muslim

Man Information

Name : Shawky Mohamed Shawky Ahmed
Gender : Male
Nationality : Egypt
Birth Date : 1959-10-22
Religion : Muslim

Divorce Information

Divorce Date



Complaint

The user can make complaint about anything he think that is wrong in the system or services, user shou1d fill the required field to complete his/her complaint

Create
Complain

Governement Body

Civil Registry

Complain price of birth document

National Id 442020116474

Create

The system will redirect to the index page and display his/her complaints with the responds

Index		
Date	Complain	Respond
02/05/2020 12:00:00 AM	price of birth document	we will work on it



Create reservation for civil registry

The user must specify the government body and the service he want then choose the office by selecting its address (state, city, region and district) ,then click on the “reserve button”.

The screenshot shows a 'Create Reservations' form. It has sections for Government Body (Civil Registry), Services (Birth Document), State (Cairo), City (Abbassia), Region (Abdo Basha), District (Wally Department), and Office (Wally Office). A date input field shows 12/31/2020. A blue 'Reserve' button is at the bottom.

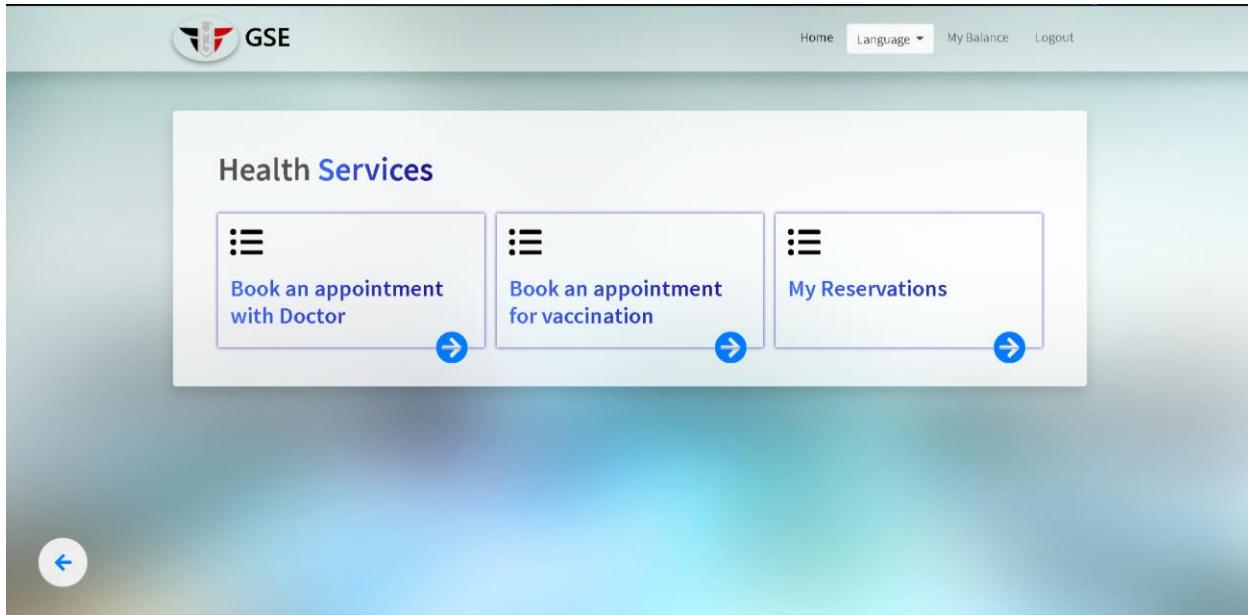
The system will redirect to the index page and display all reservations of the citizen

Citizen Name	National Id	Office Name	Service	Reservation Date
Ahmed Shawky Mohamed Shawky	442020116474	Wally Office	Birth Document	06/06/2023 12:00:00 AM
Ahmed Shawky Mohamed Shawky	442020116474	Wally Office	Birth Document	06/04/2023 12:00:00 AM



Ministry of Health

User can book an appointment with doctor or for vaccination and can see his/her reservations

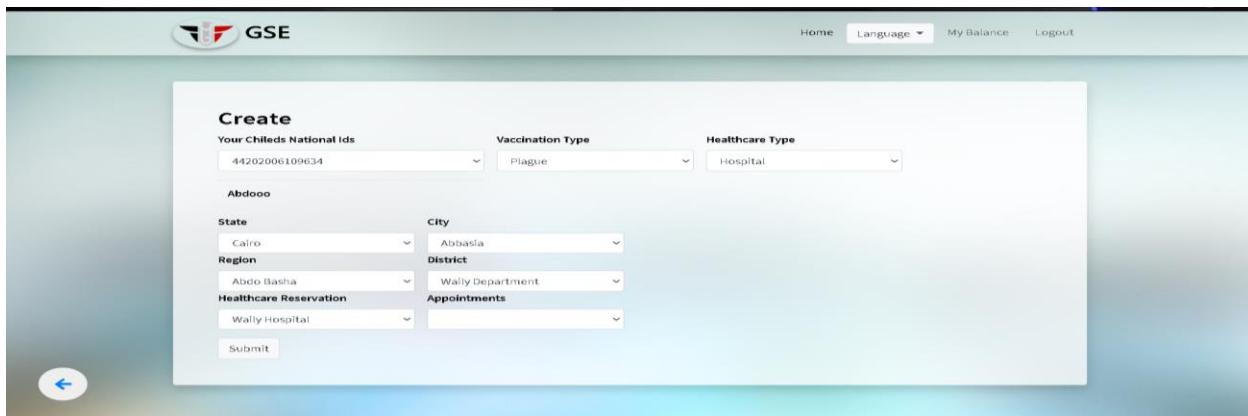


Book an appointment with doctor

The user must specify the health care type and the specialization he want then choose the health care by selecting its address (state, city, region and district).

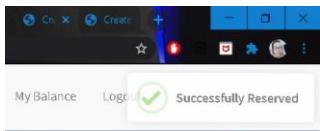
The doctors will appear in the dropdown list after choosing health care, the user can select a doctor then the appointment of the doctor in this health care will displayed in appointment dropdown.

After filling the fields the user could click on “create button”





Then the system will respond with successful message



The system will redirect to the index page and display the citizen reservation that he make

Index				
Create New				
Date	Hospital Name	Doctor Name	Address	Appointments
02/06/2020	Wally Hospital	Shawky Mohamed Shawky	Cairo Abbasia Abdo Basha Wally Department	02/06/2020 12:00:00 AM 13:00:00 17:00:00 Delete
02/06/2020	Makram Hospital	Hanan Abdelrahman Mohamed	Cairo Nasr City Makkram Moez Aldawla	02/06/2020 12:00:00 AM 09:00:00 16:00:00 Delete
02/06/2020	Wally Hospital	Gabr Samy Metwaly	Cairo Abbasia Abdo Basha Wally Department	02/06/2020 12:00:00 AM 10:00:00 15:00:00 Delete

Book an appointment for vaccination

If the user has children he could make a reservation, the system will display first the children of the user and user must select the child then system will display the vaccination type that should the selected child take it and then choose the health care type and its address (state, city, region and district).

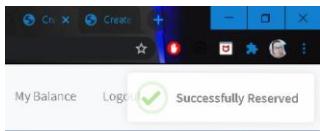
After that user can choose the appointment he want in this health care then click on “submit button”

The screenshot shows a web browser window with the URL localhost:81/Vaccinations/Create. The page title is "GSE". The main content is a "Create" form with the following fields:

- Your Childs National Ids:** A dropdown menu containing "44202006109634".
- Vaccination Type:** A dropdown menu containing "Plague".
- Healthcare Type:** A dropdown menu containing "Hospital".
- State:** A dropdown menu containing "Cairo".
- City:** A dropdown menu containing "Abbasia".
- Region:** A dropdown menu containing "Abdo Basha".
- District:** A dropdown menu containing "Wally Department".
- Healthcare Reservation:** A dropdown menu containing "Wally Hospital".
- Appointments:** An empty dropdown menu.
- Submit:** A button at the bottom of the form.



Then the system will respond with successful message



Ministry of education

User can export his/her university and school certificates

The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays a light blue background with a central white box labeled "Education Services". Inside this box are two rectangular buttons. The left button has a list icon and the text "SchoolCertifications" followed by a blue circular arrow icon. The right button has a list icon and the text "University Certification" followed by a blue circular arrow icon. At the bottom left of the main area, there is a small circular icon with a blue arrow pointing left.



School certifications

User can get his/her school's phase certificate by choose the phase from dropdown then the system will display all certificate information of him

The screenshot shows a web browser window with a URL of localhost:81/EducationalCertificate/SchoolCertificate. The page title is "Schools". A dropdown menu labeled "Phases" is open, showing "High Phase". Below it, a section titled "Student Information" displays the following details:

- General Administration for Examinations
- High school completion certificate
- Year
-  high school certificate
- 

Below this, under "Educational Administration", the following information is shown:

- Student Name / Ahmed Shawky Mohamed Shawky
- National Id / 442020116474
- Section / Scientific
- Grade / Excellent
- School Name / Abbasia School
- Educational Administration Name / Cairo
- 
- Education Directorate / Abbasia Adminstration

University certificate

The system will display university certificate information of the user and

The screenshot shows a web browser window with a URL of localhost:81/EducationalCertificate/UniversityCertificate. The page title is "Certificates". A section titled "Certificate" displays the following details:

- 
- Ministry of Education
- Future University in Egypt Graduation Certificate
- 

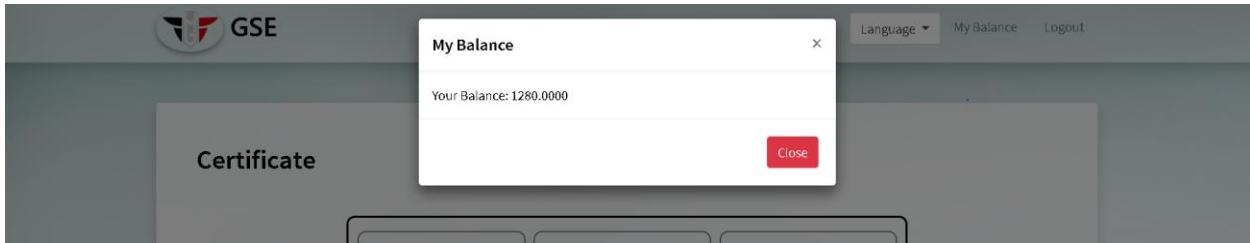
Below this, under "Student Information", the following information is shown:

- College of Faculty of Engineering
- certifies / Ahmed Shawky Mohamed Shawky
- Born in Cairo Date 1/1/1989
- has a Bachelor's degree Electrical
- Month 31 Year 5 With Appreciation Excellent
- Graduation Project



User Balance

User can see his/her account balance by clicking on “My Balance” button in the top right menu





4.5mobile application



Figure: Welcome page appear when User click on the application's icon, and User click on button Start now.

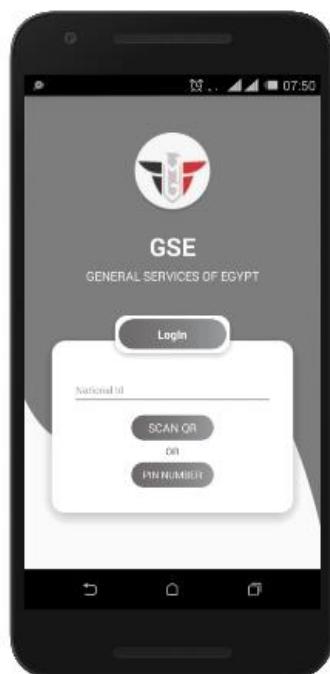


Figure (2): Login page appeared To user after click on start now, User enter your national id and click on pin number or scan QR.

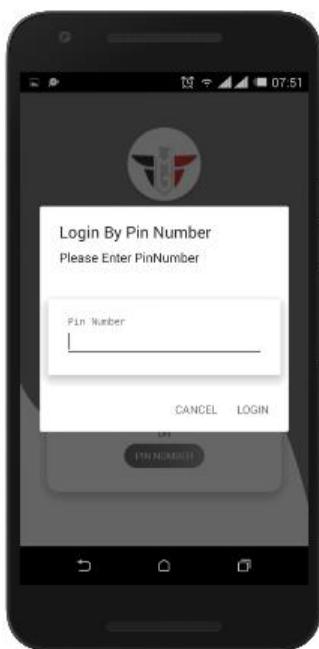


Figure (3): click on PIN NUMBER pop-up

Screen appear to enter pin number to Login.



Figure (4): click on Scan QR

Scan screen will open to scan QR

Code.



Figure (5): After login there is list of available

ministries that contain list of services of each them

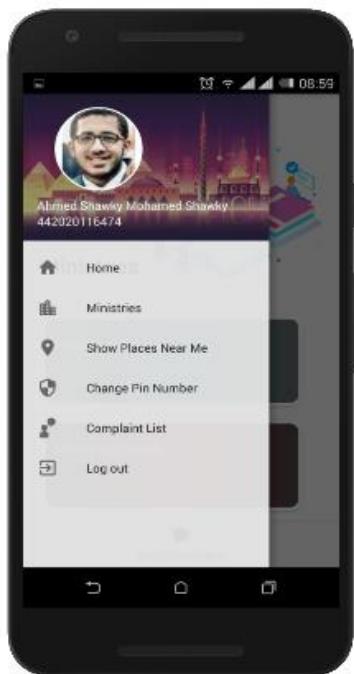


Figure (6): click on menu button side menu will appear that contain other services and name, national Id and current photo of user.

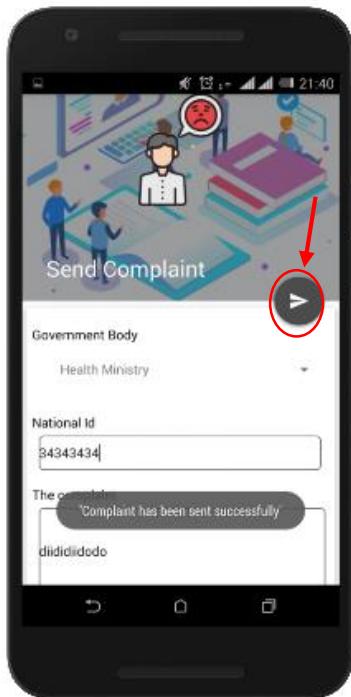


Figure (7): click on send complaint in screen of ministries or any ministry the screen will open to enter complaint and select government body of complaint and it optional to enter national Id and click on send icon to send.



Figure (8): To see complaint click on complaint list in side menu complaint list will open and you can search in it by clicking in search icon and enter text relate to complaint.



Figure (9): to show respond of complaint

, press long click in specified complaint the
Pop-up screen will open to show response.

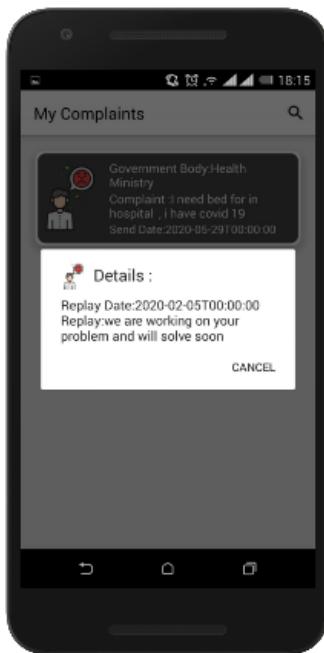


Figure (10): after click on show response
the respond of complaint will appear if
there is respond.

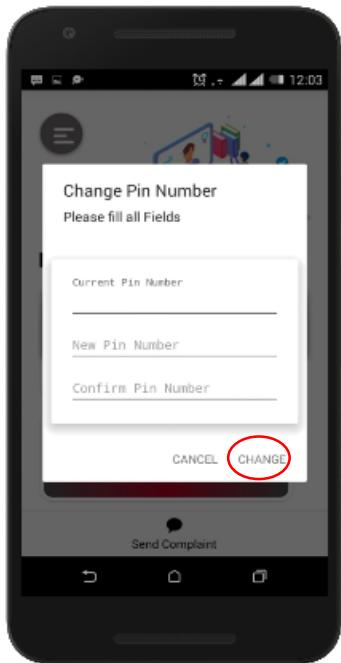


Figure (11): to change pin number click on change

Pi number in side menu and then popup-screen to enter

Current pin number, new pin number and confirm pin number and then click on change

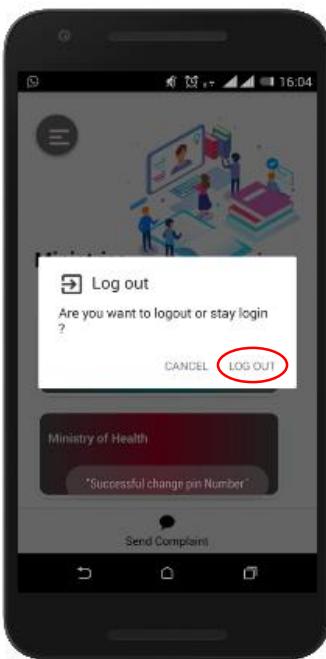


Figure (12): after successful change this message appear asking to continue or logout.

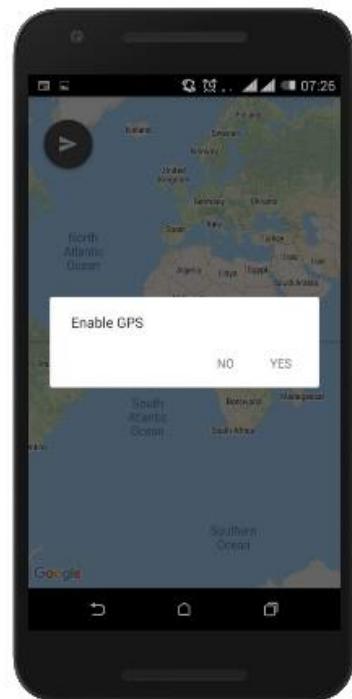


Figure (13): Show places near user , enter on show places near me in side menu if GPS IS disable pop-up screen appear to enable GPS.

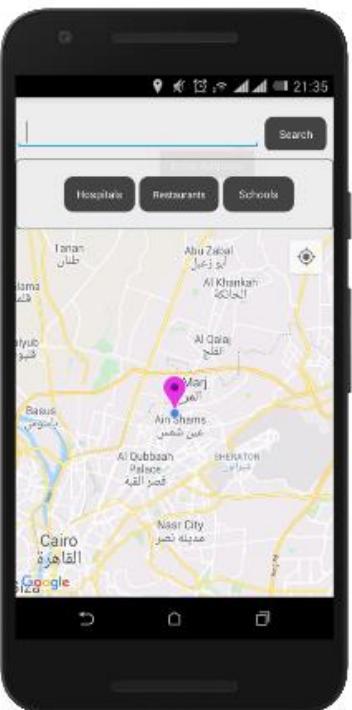


Figure (14): after enable GPS, and can see hospitals, schools and restaurants near user if click on buttons of each them.

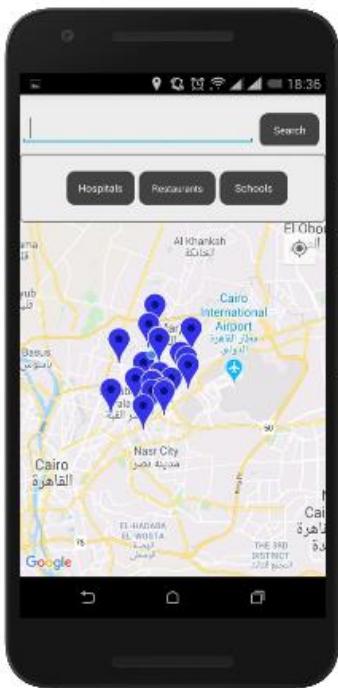


Figure (15): After click on button of hospitals, schools, or restaurants markers on near this will appear.

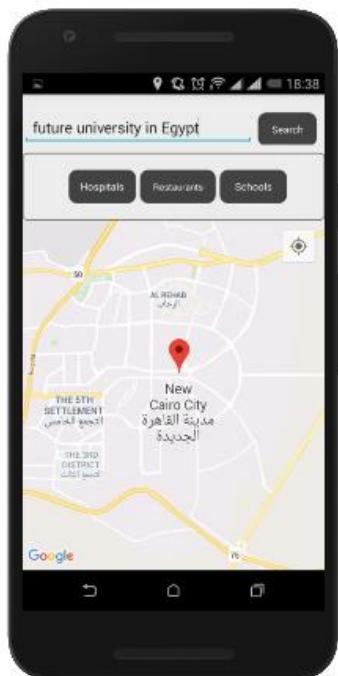


Figure (16): can search for any place by enter name of it and click on search button will appear red marker on specified place.



Figure (17): click on ministry of health to show list of service of it and there is button to back in Screen of Ministries.

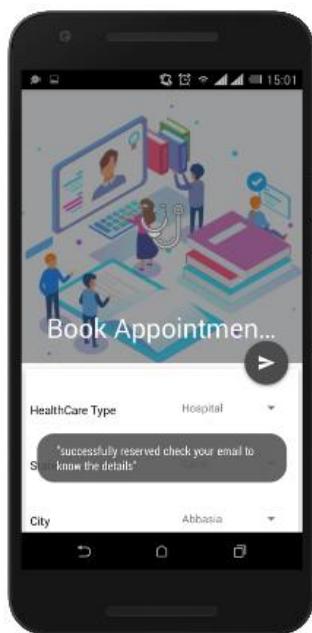


Figure (18): In list find service of reserve appointment with doctor by select specialization, healthcare type, healthcare place, doctor, and appointment after that click on send icon to send reservation.

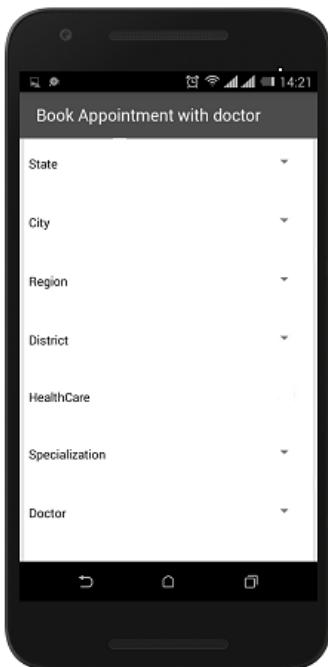


Figure (19): in reserve doctor can scroll to See all requirement to send reserve and then scroll to click on send icon.

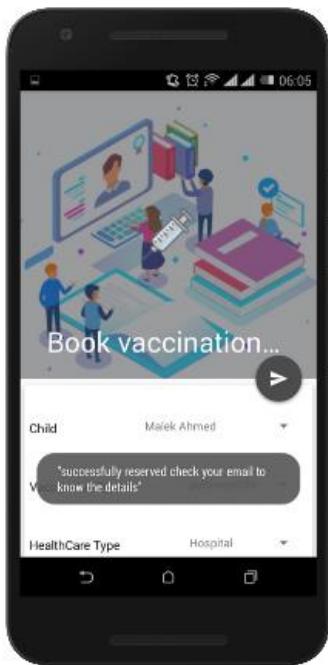


Figure (20): In list find service of reserve appointment to vaccinate child. by select child, vaccination type, healthcare type healthcare place, appointment, and appointment after that click on send icon to send reservation.

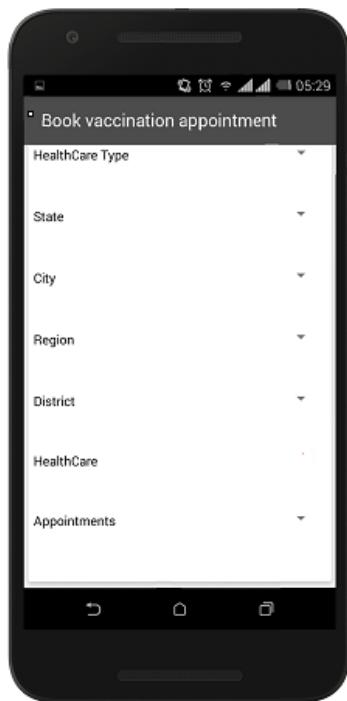


Figure (21): in reserve vaccination appointment

can scroll to See all requirement to send reserve

and then scroll to click on send icon

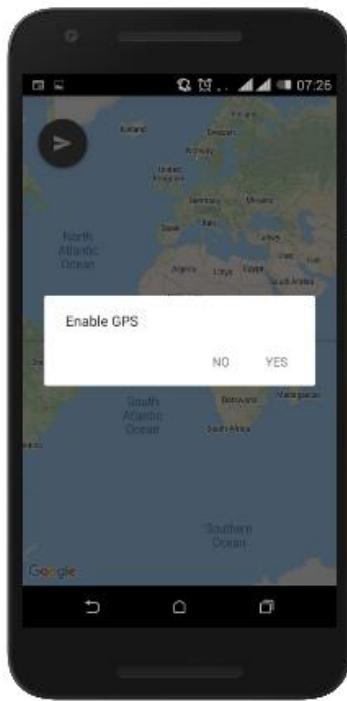


Figure (22): In list find service of request ambulance after click on it if GPS is disable the message will appear to enable it.

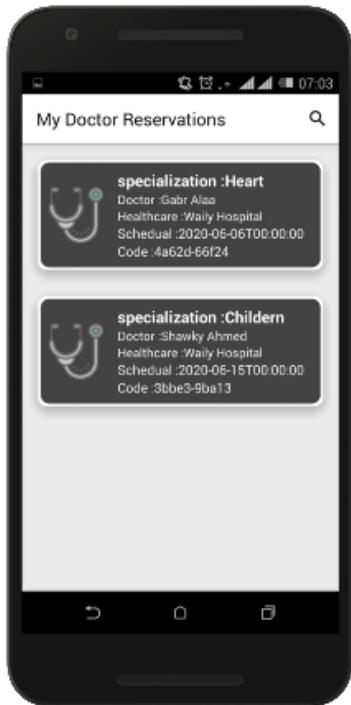


Figure (23): after enable GPS there is red marker on
Current place a click on send icon popup

Screen to enter details before sending

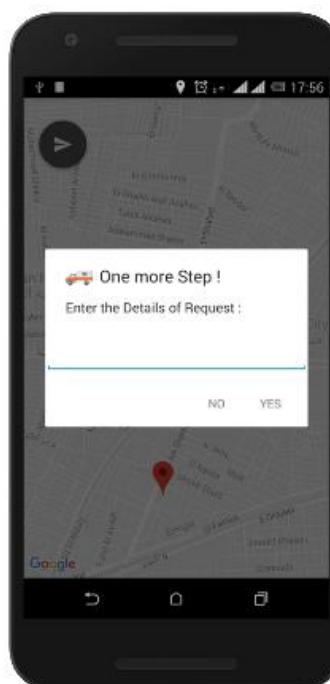


Figure (24): In list find service of list
doctor reservation and, can search by
clicking on search icon.

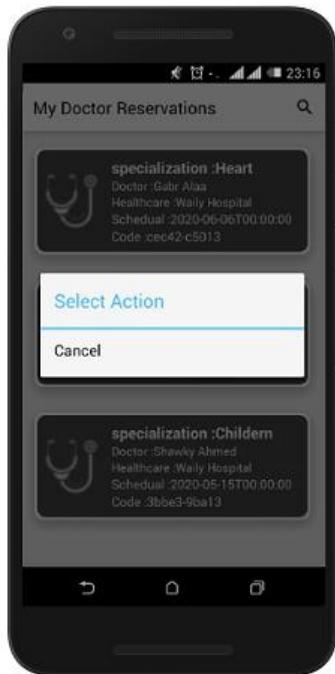


Figure (25): in doctor reservations list

After long press on specified reservation

Pop-up screen to cancel reservation.

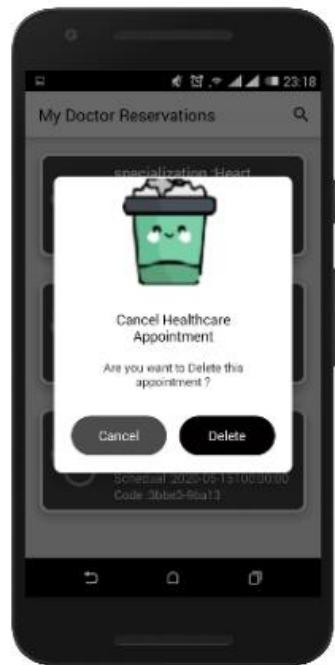


Figure (26): after click on cancel there is confirm

Message to cancel reservation.

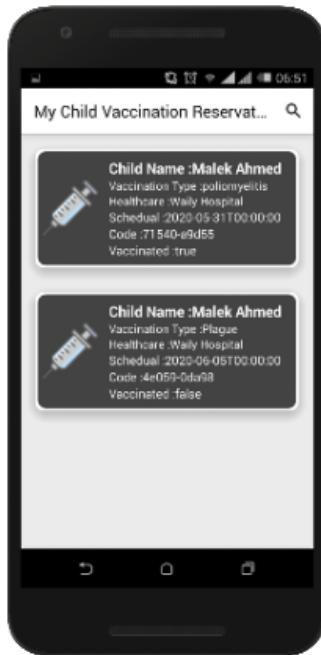


Figure (27): In list find service of list child

vaccination reservation and, can search by



Figure (28): in child vaccination reservations list

After long press on specified reservation Pop-up

screen to cancel reservation. And then confirm

to cancel.

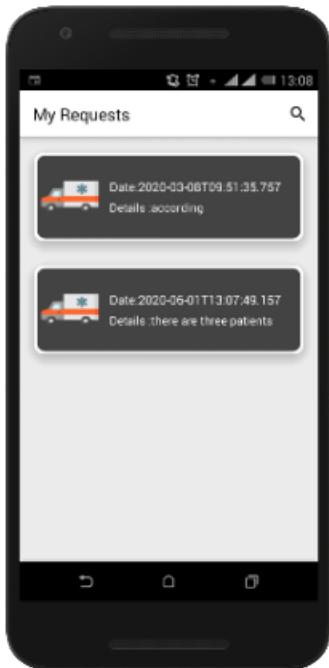


Figure (29): In list find service of list request

ambulance and, can search by clicking on search icon.

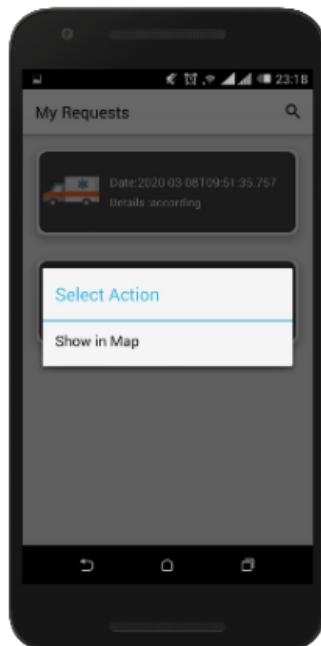


Figure (30): in Request ambulance list after long

press on specified request Pop-up screen to show request place in map.

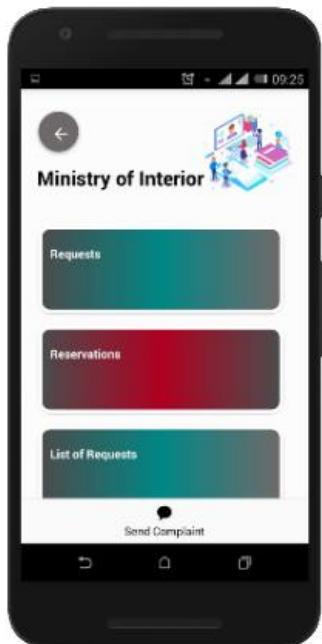


Figure (31): click on ministry of Interior to show list of service of it and there is button to back in

Screen of Ministries.

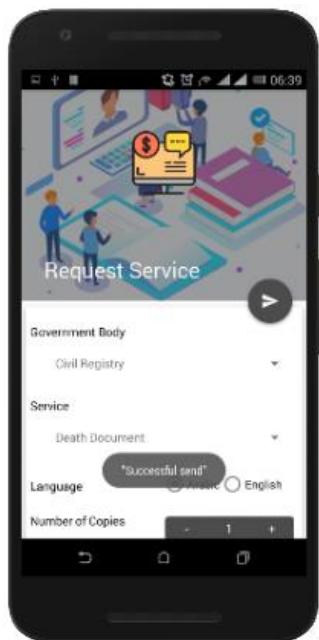


Figure (32): In list find service of Request service .by select Government body, Service, language, and number of copies after that click on send icon to send request.

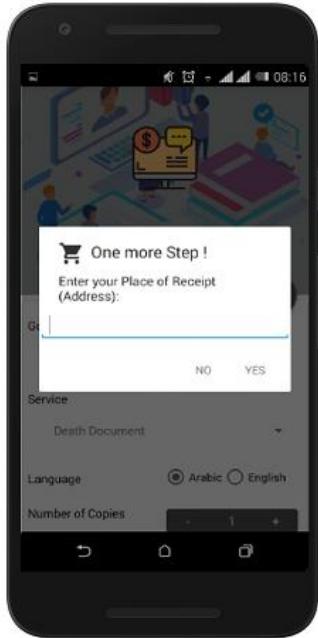


Figure (33): After click on send
popup

Screen to enter received place and
click

on yes to continue sending.

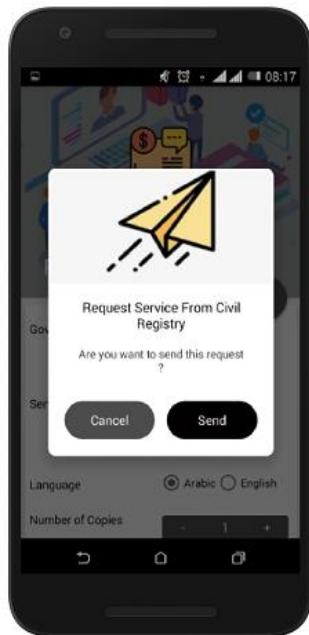


Figure (34): after click on send icon
confirm message

Appear to confirm sending request,
finally successful message appear.

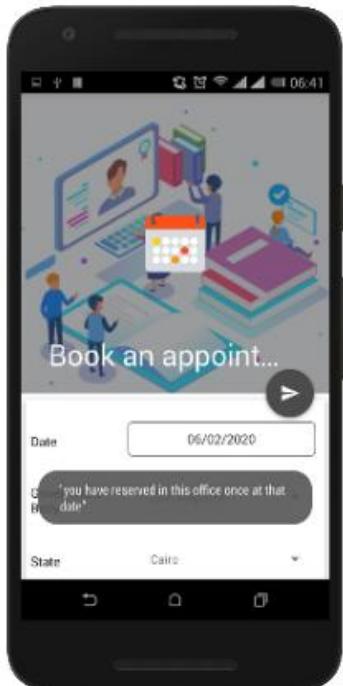


Figure (35): In list find service of Reserve appointment .by select Government body,
Service, office, and date of appointment,
after that click in send icon.

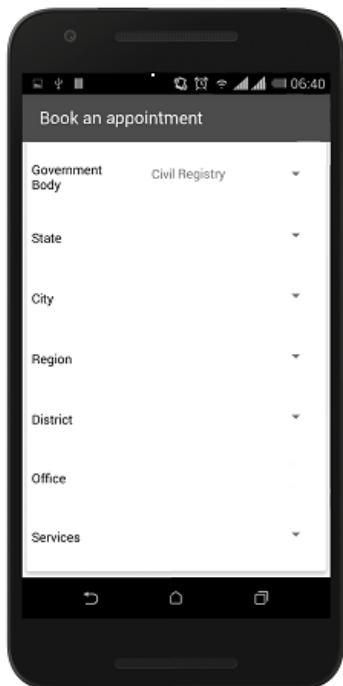


Figure (34): in reserve appointment can scroll to
See all requirement to send reserve and
then scroll
to click on send icon the confirm message
appear

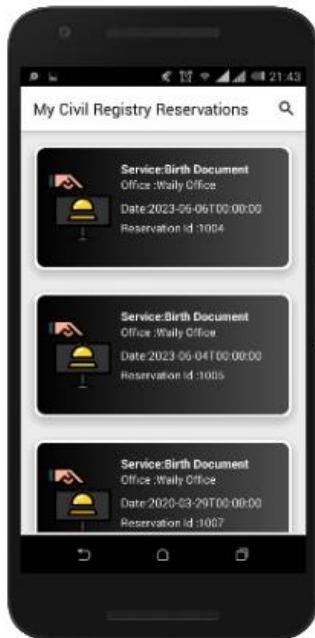


Figure (35): In list of ministry of Interior find of list previous reservation of Government body.

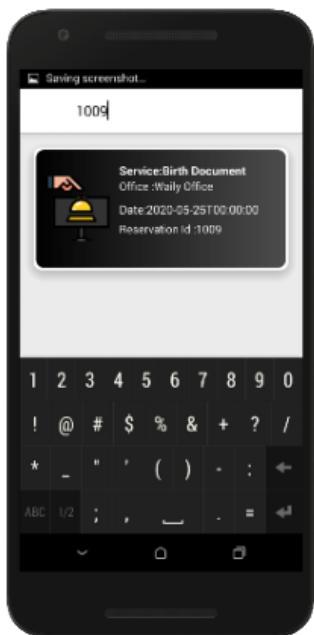


Figure (36): in list previous reservation of Government body can search by clicking on search icon, and enter text after clicking on search icon.



Figure (37): In list of ministry of Interior find of list previous Requests of Government body.



Figure (38): in list previous Requests of Government body can search by clicking on search icon, and enter text after clicking on search icon.



Figure (39): In list of ministry of Interior find of list Traffic violations.



Figure (40): in list of Traffic violations can search by clicking on search icon, and enter text after clicking on search icon.



Figure (41): click on ministry of Education to show list of service of it and there is button to back in Screen of Ministries.



Figure (42): In list find service of list Educational certifications and can search by clicking on search icon.



chapter 9: conclusion and future works



Conclusion

After all the effort we had to do for building our application, we acquired a huge amount of experience when it comes to web applications, ATM application and mobile application. We learned programming languages that were new to us like JavaScript, C# and others and we were developing our application day by day as our potentials gets bigger, also we learned to use new tools like ASP.NET and others. However, we have been using the MVC architecture and used scenarios, use cases, and sequence diagrams for analyzing the system, that were tested using unit, component, and system testing. What saves the day how much the final product supplies the user's demands such as:

- Users can add, update, delete, show and search for information.
- Users can export or print documents.
- Users can reserve appointments.

future works

We propose more improvements for the system in the future, we propose to make it more reliable and much easier to use, offer an eye relaxing design to the user. Also, we propose to add more features and more modules to integrate the private companies or enterprises like uber, hotels and cinemas. We also want to add more government service like: citizen can pay any mony through ATM application, in addition to adding artificial intelligence to the system that proposes and generates the suitable self-assessment plan automatically. However, the application can have more security to ensure the integrity and the confidentiality of the information.



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