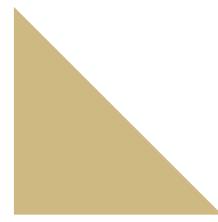


# Technical system for unified classification of government agencies

Dr.Amal alsaif.



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Section : 371

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## Introduction

### 1.1 Project Descriptions :

This project is for building and developing the technical system for the unified classification of devices. Government agencies based on a unified central national classification for government agencies in the Kingdom of Saudi Arabia based on building the classification of government agencies into sectors (jobs) according to their fields, such as The health sector and the education sector, so that each sector includes all the agencies related to the sector. And it classifies government agencies and codes them into sectors, groups, and job categories.

And its classified into three sections :

- **The occupational sector:** are the jobs, specializations and general goals that government agencies aim to carry out in a certain head area. Each sector is symbolized in three digits, for example the education sector takes the symbol (709).
- **The functional group:** is the division of each sector and its division into more detailed functional groups than the sector. And so it takes a slot encoding it only one after the sector code. For example, the education sector takes the code (709) and the functional group symbol for education the pre-primary and primary levels that follow the education sector take the code (7091).
- **The job category:** Each category represents the means used to achieve the objectives of government agencies on a different level detailed. Every job group in every sector is divided into a number of job categories that represent the group functional. Where you take classes one digit after the functional group. The educational sector takes the code (709). And class functional (70911) denotes pre-primary education.

## 1.2 Main goals and objectives :

- Facilitating the process of classifying government agencies into job sectors / job groups / job categories. And the possibility of identifying branches of government agencies with the original devices.
- The ability to host the data of the parties concerned with the classification.
- Facilitate access to updated information on the classification of government agencies so that it is available on the portal and easy to use.

## 1.3 Project main functionality and Characteristics :

- It helps in the exchange of information between government agencies within the sector within the Kingdom.
- Helps ease communication between devices.
- The possibility of correcting and standardizing information on the distribution of government agencies and their branches.
- Provide an easily adaptable classification when adding / deleting / modifying the name of a government agency or merging it with others.
- Helps to facilitate linking of information and services provided by branches of agencies in relation to the population, or geographical area etc.
- Knowing the devices that fall under a specific sector to determine their goals and facilitate coordination between them and the relevant agencies.

## 1.4 Users :

- **Device managers** : Is a person who has access to the device. The manager can undergo tasks such as :
  - Change any government sector, or change its name.
  - Deactivate any government sector account or device.
  - Change committee schedules and memberships within committees.
  - Send email reminders to colleagues .
  - Hide certain information from a sector or group.
- **Technical support** : Is a team that can serve users and handle their issues . Technical support can undergo tasks such as :
  - Export daily reports for support requests.
  - Technical support has to be available all the time .
- **Government sectors/entities** : such as ministry of Education and Ministry of Health, their tasks are :
  - Each entity has assigned to a manager .
  - Each entity able to send notes through the system.
  - Each entity able to view the record of notes sent by it.

## 1.5 Challenges :

- Requirements were hard to identify.
- Implementing the device managers tasks were difficult.
- Choosing a lifecycle model to implement.
- Writing the SRS in more details.
- As students we found implementing this project challenging.

## 1.6 Technologies :

1. Create an interactive website using HTML5, CSS , JavaScript.
2. Figma , a collaborative interface tool.
3. Provide an interface for System Manager using APIs.
4. PDF tool used to export documents.
5. SQL data base.

PROJECT PHASE 1

## 1.7 Team members :

- Sarah Alaridi - Designer
- Sarah Almashharawi - Analyst
- Asia Alrajeh - Programmer
- Rahaf Alotaibi - Project Manager
- Sadeem Alqahtani - Progammer

## Software Development Lifecycle :

### 2.1 Why Waterfall

We will implement the waterfall method , since all requirements given from the client were complete. We have divided each output in a different week and expect to have that task or phase finished before date of completion . to the whole project will be submitted in March 2021 as one whole system.

### 2.2 Timeline and Diagram

Stages	Duration																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1. Requirements																									
1.1 BRS	1 week																								
1.2 SRS	2 week																								
2. Design																									
2.1 prototype	6 week																								
3. Implementation																									
3.1 bulid	6 week																								
4. Testing																									
4.1 test cases	2 week																								
4.2 proveable	1 week																								
5. Deliver the project																									
6. Maintenance	6 week																								

**Business Requirement Specification (BRS)**

# **Technical system for unified classification of government agencies**

Dr.Amal alsaif.

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# Introduction

## 1.1 Executive summary

This Business Requirement Document shows the requirements needed for Technical system for unified classification of government agencies. It contains an overall outline of both functional and non-functional requirements.

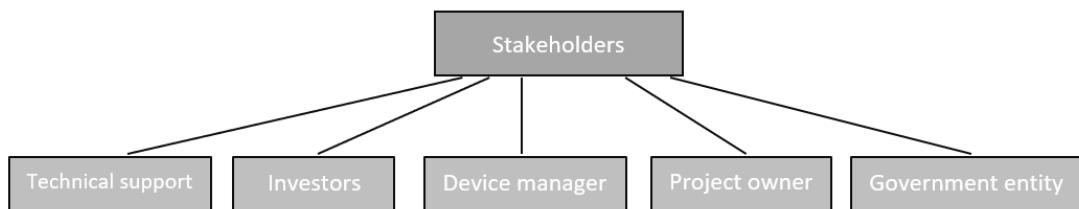
## 1.2 Project description

This system aims to unify classification of devices in different government entities. And to be able to access updated data through the portal.

## 1.3 Scope

The project aims to develop an integrated system in the form of web applications that includes all jobs and services that achieve the objectives of the unified classification of government agencies and fulfill the requirements relevant functional and supportive.

## 1.4 Stakeholders



## Requirements

### 2.1 Functional requirement :

#### 2.1.1 User requirements :

- User can search about documents .
- User can view documents.
- Users can send notes.
- Users can share data.
- Users can keep records of all agencies that have been added to the site.
- Government agency able to send notes through the system to the National Center for Records and Archives.
- The government agency able to view the record of notes.
- Device manager can alter entity device.
- The System manager can modify the reports.
- The System manager can manage reports.
- System administrator can filter search result.
- System administrator can sort search result.
- The System manager have full power to hide or show the results or information of the search .
- The System manager can display the locations of government agencies and their branches on the map.
- The System manager can export the search result to PDF.
- Users can choose different ways to show search result.
- Device managers can make any changes via System or email.
- Users can select a classification from the list of available classifications in the system.
- Users can show all its components from the list of available classifications in the system .

## Requirements

### 2.1 Functional requirement :

#### 2.1.2 System requirements :

- System can create one-off number to each government agency based on the rules and mechanism of the National Center for Documentation and Archives.
- System can give each device a unique, non-recurring number, based on the rules and mechanism of the National Center for Documentation and Archives.
- System can Link a government agency or branch to one or more of the specified classification elements
- System can modify or canceling the link.
- System can export all Classifications information to a government agency in PDF format .
- System should be able to add a new device and connect it to other devices.
- System should Support various ways for viewing reports .
- System should determine periods of time to extract the reports.
- System should keep records showing the start and end dates of the membership of the User.
- System should export reports to different formats such as, html, excel, pdf, etc.
- System should add a watermark for all files exported.
- System shouldn't accept weak password when registering a user .

## Requirements

### 2.2 Non – Functional Requirements:

#### 2.2.1 Performance requirement :

##### 2.2.1.1 Response time :

- User search results must appear within a period of not more than 3 seconds from the submission of the search request
- User search results of the reports and statistics must appear within a period of no more than 5 seconds regardless of the user's Internet speed.
- Technical support most response for critical problem not acceding 10 minutes and handle the problem in an hour .
- Technical support most response for low problem in one work day and handle it in 5 work days.
- Response time of the System should not be exponential.

##### 2.2.1.2 Workload :

- Developer teams have to do stress test to ensure the ability of the system to support increasing number of people .
- System clicks number must be as minimum as possible.
- Technical support has to be available in case the system is offline.

#### 2.2.2 Safety requirements :

- The System has to be copied and installed on machine uses windows .
- Data should be migrates from the standalone system to the main system.
- System should be connecting to GSN.

## Requirements

### 2.2 Non – Functional Requirements:

#### 2.2.3 Security requirements :

- System should be obtaining the SSL certificate from an entity approved by the National Center for Documentation and Archives.
- System should be carrying out a security risk assessment and compliance with the standards of the National Cybersecurity Authority .
- System should meets OWSAP standards .
- System should configure antivirus solutions.

#### 2.2.4 Software quality attributes :

- The system should be high availability.
- The system should be high reliability.
- The system should be high usability.
- The system should be acceptable for various display devices.

Software Requirements Specification (SRS)

# Technical system for unified classification of government agencies

Dr.Amal alsaf.

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# Introduction

## 1.1 Purpose

This Software Requirement Specification shows the requirements needed for Technical system for unified classification of government agencies .The system separates tasks , social and economic goals, Also, classifies government devices onto sectors , connect every device with the affiliate sectors, and encoding devices to facilitate connection between devices with their sectors .The document contains an overall description of both functional and non-functional requirements.

## 1.2 Intended Audience and Reading Suggestions

We are using IEEE SRS template which is provide a whole revision of the project . The document should be read by the Owner , the investors and the company development and analysis team to overview the requirements , functions and the agreements in details.

## 1.3 Project Scope :

The project aims to develop an integrated system in the form of web applications that includes all jobs and services that achieve the objectives of the unified classification of government agencies and fulfill the requirements relevant functional and supportive. The System should include this services:

- Government agencies management.
- Government agencies and branches classification .
- Committees management .
- Search services .
- Users and privileges .
- Analytics and reports .
- Technical support .
- Application Programming Interface management .

Manager of each sector should has the permission to modify reports and view notes.

Furthermore , the system most be maintained in data base to store the keys of devices. Also, the system has to be connect to the GSN.

## Overall Description

### 2.1 Product Perspective

The system is made to unified classification of government agencies for various devices . Since it is specialized for government devices , we have to connect it to GSN and ensure it is acceptable for various displays. Also, providing high level security is necessary to protect government entities information . The goal of the system is to develop an integrated system in the form of web applications and gives every sector key describes its entity which coordinates agencies and facilitate exchanging experiences and information by creating reports or searching about services.

### 2.2 Product Features

The System should be browsed in a webpage and able to add new device and connect them . Government agency should be able to view and send notes through the system to the National Center for Records and Archives. System should support exporting reports to different formats such as pdf . Searching have to be easy to use and provide ability to search in all the system classifications. Also , Technical support has to be available.

### 2.3 User Classes and Characteristics

There are three types of users in the system: manager, Government agencies and technical support. everyone in the system has privileges.

- Manager has access to device, change any government sector, send email reminders to colleagues.
- Government agencies such as ministry of Education and Ministry of Health. Each entity has to be assigned to a manager, send notes through the system and view the record of notes sent by it.
- Technical support has a permission to serves users and handle their issues, export daily reports for support requests.

## Overall Description

### 2.4 Design and Implementation Constraints

System interface has to be the same for everyone , also it is designed via CSS and HTML5. The System Manager interface uses APIs. The system has to provide full security and protection based on OWSAP standards and provide SLL certificate that the center accept it and connect it to GSN . Response time of the system not accedes 3 seconds or 5 seconds depends on the service regardless of the user's Internet speed. Technical support most response for critical problem not acceding 10 minutes and handle the problem in an hour , and response for low problem in one work day and handle it in 5 work days.

### 2.5 Assumptions and Dependencies

- Assume government entity are connected to a database where all information is kept.
- Assume users know to use an interactive website.
- The scope of the project will not change throughout the lifecycle.
- Assume devices will have a software to run the interactive website.
- Response time for loading will not take more than 1 minute.

# System Requirement Specification

## Functional requirements :

This system contains several functional requirements, and the tables below show the specifications of the functional requirements:

### User requirement :

#### Search

- **Function :**

User can search about documents .

- **Description:**

That the search be easy to use and its ability to search in all the system classifications.

- **Inputs :**

Input words that want to see all information about it.

- **Source :**

Words reading from a search bar.

- **Outputs :**

All documents in the data base will appear.

- **Action :**

The user puts the word to be searched for in the documents and reports or the information in the data base of the system.

- **requirements:**

Input word that want to see all information about it. Also, auto-completion feature.

- **pre-condition:**

The search bar must contains at least one word to do search.

- **post-condition:**

The result must shown in different ways according to user's choice. and can user sort and filter.

# System Requirement Specification

## Functional requirements :

### User requirement :

---

#### View Documents.

- **Function :**

User can view documents.

- **Description:**

Display a documents in different formats.

- **Inputs :**

None.

- **Source :**

Click the documents.

- **Outputs :**

All documents in the data base will appear.

- **Action :**

The user click the Name of documents will be search or selected by classification in website.

- **requirements:**

Click and different formats to view.

- **pre-condition:**

The document must be stored in the data base.

- **post-condition:**

Display the document in an PDF format and add a watermark .

# System Requirement Specification

## Functional requirements :

### User requirement :

---

**Send notes.**

- **Function :**

Users can send notes.

- **Description:**

That the government agency be able to send notes through the system to the National Center for Records and Archives, and that the government agency be able to view the record of notes sent by it and the comments or notes of the National Center for Records and Archives about it, if any.

- **Inputs :**

Notes that will be send it.

- **Source :**

Send button.

- **Outputs :**

None

**Action :**

The user writes the notes that want to send it to the National Center for Records and Archives and to other agencies. and the system will be delivered to the device manager.

- **requirements:**

Notes.

- **pre-condition:**

Note must be more than one letter and less than 500 letters .

- **post-condition:**

The notes are send to the manager .

# System Requirement Specification

## Functional requirements :

### User requirement :

---

#### Sharing Data.

- **Function :**

Users can share data.

- **Description:**

Users able to Share documents to other users with classifying the documents.

- **Inputs :**

Files.

- **Source :**

By Uploading the files .

- **Outputs :**

None

- **Action :**

The user upload the file and write the description of file and classify the file to the suitable classification in the system.

- **requirements:**

File and id of the agency.

- **pre-condition:**

The file is stored in the data base .

- **post-condition:**

Any user can read and write in this data .

# System Requirement Specification

## Functional requirements :

### User requirement :

---

#### Keeping records.

- **Function :**

Users can keep records of all agencies that have been added to the site .

- **Description:**

Keeping a record of all Classification operations that were carried out on a government agency or branches.

- **Inputs :**

Name of agency.

- **Outputs :**

Agencies that is added in database.

- **Action :**

The user write the Name of agencies and the System appears the state of the agency.

- **requirements:**

Name of agency .

- **pre-condition:**

Name of agencies most be valid and written in Arabic and not containing numbers.

- **post-condition:**

Name of agencies with mark.

# System Requirement Specification

## Functional requirements :

### User requirement :

---

#### Make changes

- **Function :**

System manager has the authority to make some changes.

- **Description:**

The System manager can modify and manage the reports, can filter and sort search result, have authority to hide or show the results or information of the search and can display the locations of government agencies and their branches on the map .

- **Inputs :**

ID of the manager and name of the section wanted to modify.

- **Source :**

Allow him to make some changes.

- **Outputs :**

Modifications are applied .

- **Action :**

The manager view the reports and can modify mistake or dates , classify the search result to the correct classification or if add new classification can add it to sort hide or display the result and select the correct location of agency.

- **requirements:**

authority to do mange the search result.

- **pre-condition:**

ID numbers are valid and belong to a manager.

- **post-condition:**

Chsnges are stored in the data base.

# System Requirement Specification

## Functional requirements :

### User requirement :

Classifications to user.

---

- **Function :**

User can select and show component.

- **Description:**

Select a classification from the list of available classifications in the system and show all its component.

- **Inputs :**

None.

- **Outputs :**

Show list of classifications and its component.

- **Action :**

The user click the list and choose one of the classifications will appear its component.

- **requirements:**

All classifications in the National Center for Records and Archives.

- **pre-condition:**

List must contain 11 unified classifications.

- **post-condition:**

replace unified classifications by geographical classification.

# System Requirement Specification

## Functional requirements :

### System requirement :

Unified classification codes for government agencies.

- **Function :**

System Giving each device a unique, non-recurring number, based on the rules and mechanism of the National Center for Documentation and Archives.

- **Description:**

classified into three sections: occupational sector (three digits), functional group (one digit after the occupational group), job category (one digit after the functional group).

- **Inputs :**

device need to be classified

- **Outputs :**

unique number for each device

- **Action :**

encoding each government agencies uniquely

- **requirements:**

data base to save all classified device

- **pre-condition:**

the device is belong to a sector .

- **post-condition:**

Number of specification is booked up to the device and remove it from available numbers list.

# System Requirement Specification

## Functional requirements :

### System requirement :

#### Linking a government agency or branch

- **Function :**

Linking a government agency or branch to one or more of the specified classification elements.

- **Description:**

linking, modifying or de-linking a government agency or branch with one of the specified classification elements, keeping a record of all housing operations that were performed on governmental agency or branches, export to PDF file.

- **Inputs :**

Request to link, modify or de-link

- **Outputs :**

Request successfully and PDF file

- **Action :**

Support the implementation of the linkage process, modify or de-link using a clear model and easy to use (based form).

- **requirements:**

Government agency and branch data

- **pre-condition:**

able to link, modify or de-link .

- **post-condition:**

device is linked to the classification elements.

# System Requirement Specification

## Functional requirements :

### System requirement :

#### Membership

---

- **Function :**

the system allows committees to register through the web site.

- **Description:**

Adding members of the committees to determine the position and type of membership (Permanent - temporary) for each member of the committee and keep records showing the start and end dates of the membership of the User, when registering users weak passwords should not be accepted.

- **Inputs :**

committees data

- **Outputs :**

committees that been added to data base

- **Action :**

adding members , records membership dates

- **requirements:**

committees information

- **pre-condition:**

(Entropy-based measure) for checking weak passwords

- **post-condition:**

each committees have membership

# System Requirement Specification

## Functional requirements :

### System requirement :

#### Record of all Classification operations

- **Function :**

Record and Export all Classifications information to a government agency in PDF format.

- **Description:**

Keeping a record of all Classification operations that were carried out on a government agency or branches, entering all Classification data according to the format and mechanism provided by the National Center for Documentation and Archives, and exporting all Classifications information to a government agency in PDF format .

- **Inputs :**

Classification operations.

- **Outputs :**

PDF file.

- **Action :**

Collect all Classification operations from government agency or branches

- **requirements:**

Classification data

- **pre-condition:**

authority to access Classification data

- **post-condition:**

export PDF to a government agency

## **External interface requirements :**

### **Nonfunctional requirements**

#### **4.1 User interface**

The user interface is compatible with any browser, which allows users to navigate the framework.

Also, provide interface for system manager used for managing APIs , and provide end points for system services.

#### **4.2 Hardware interface**

Since the web application must run over the internet, all hardware required to link to the internet would be the hardware interface for the system.

#### **4.3 Software interface**

System being a public website; the only software required to use the system is a modern web browser using Using HTML5 , CSS , JavaScript and SQL data base .

#### **4.4 Communication interface**

The system shall use the HTTP/HTTPS protocol for communication over the internet and for the intranet communication will be through TCP/IP protocol suite.

# **System Requirement Specification**

### **Nonfunctional requirements**

<b>Requirements</b>	<b>Requirements Description</b>
<b>Performance requirements</b>	<ul style="list-style-type: none"> <li>• The search results must appear within a period of not more than 3 seconds from the submission of the search request, and the results of the reports and statistics must appear within a period of no more than 5 seconds regardless of the user's Internet speed.</li> <li>• Stress test to ensure the ability of the system to bear that the relationship between increasing the number of users and the speed of the response is not exponential.</li> <li>• Take care to reduce the number of clicks the user needs (Three clicks rule if possible).</li> </ul>

# System Requirement Specification

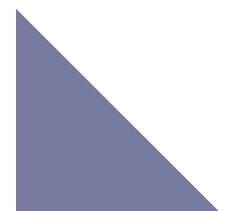
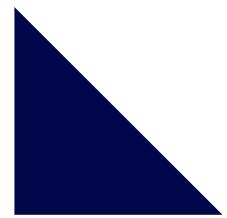
## Nonfunctional requirements

Requirements	Requirements Description
<b>Safety requirements</b>	<ul style="list-style-type: none"> <li>That the system keeps records in fixed and specific formats for all the events that take place on the system (login - password error - add - modify - delete - read - search - extract a report ... etc.), and to allow the system administrator to view and analyze the records from within the system.</li> <li>Provide a complete copy of the system that can be installed on a single machine using windows and also perform a data migration process from the standalone system to the main system.</li> </ul>
<b>Security requirements</b>	<ul style="list-style-type: none"> <li>Obtaining the SSL certificate from an entity approved by the National Center for Documentation and Archives, as well as uploading and configuring the certificate on the system servers.</li> <li>Carrying out a security risk assessment and compliance with the standards and requirements of the National Cybersecurity Authority and OWSAP standards after configuring the servers and installing the system on them, and also adhering to the basic cybersecurity controls issued by the National Cybersecurity Authority, and any other legislation that may be issued in the future by the National Cybersecurity Authority or the owners.</li> <li>Download, configure antivirus solutions.</li> </ul>
<b>Software quality attributes</b>	<ul style="list-style-type: none"> <li>The system should be high availability, reliability, usability, acceptable for various display devices.</li> <li>Full compliance with security, protection standards and requirements, configuring, managing and maintaining system servers.</li> <li>Tests usability different users.</li> </ul>

# System Requirement Specification

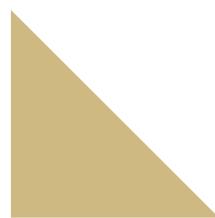
## Nonfunctional requirements

Requirements	Requirements Description
Technical Support	<ul style="list-style-type: none"><li>• Technical support has to be available in case the system is offline with providing detailed interface for Technical support state.</li><li>• Technical support is available in the event that the system is not connected and also provides a separate interface for the case of technical support .</li></ul>



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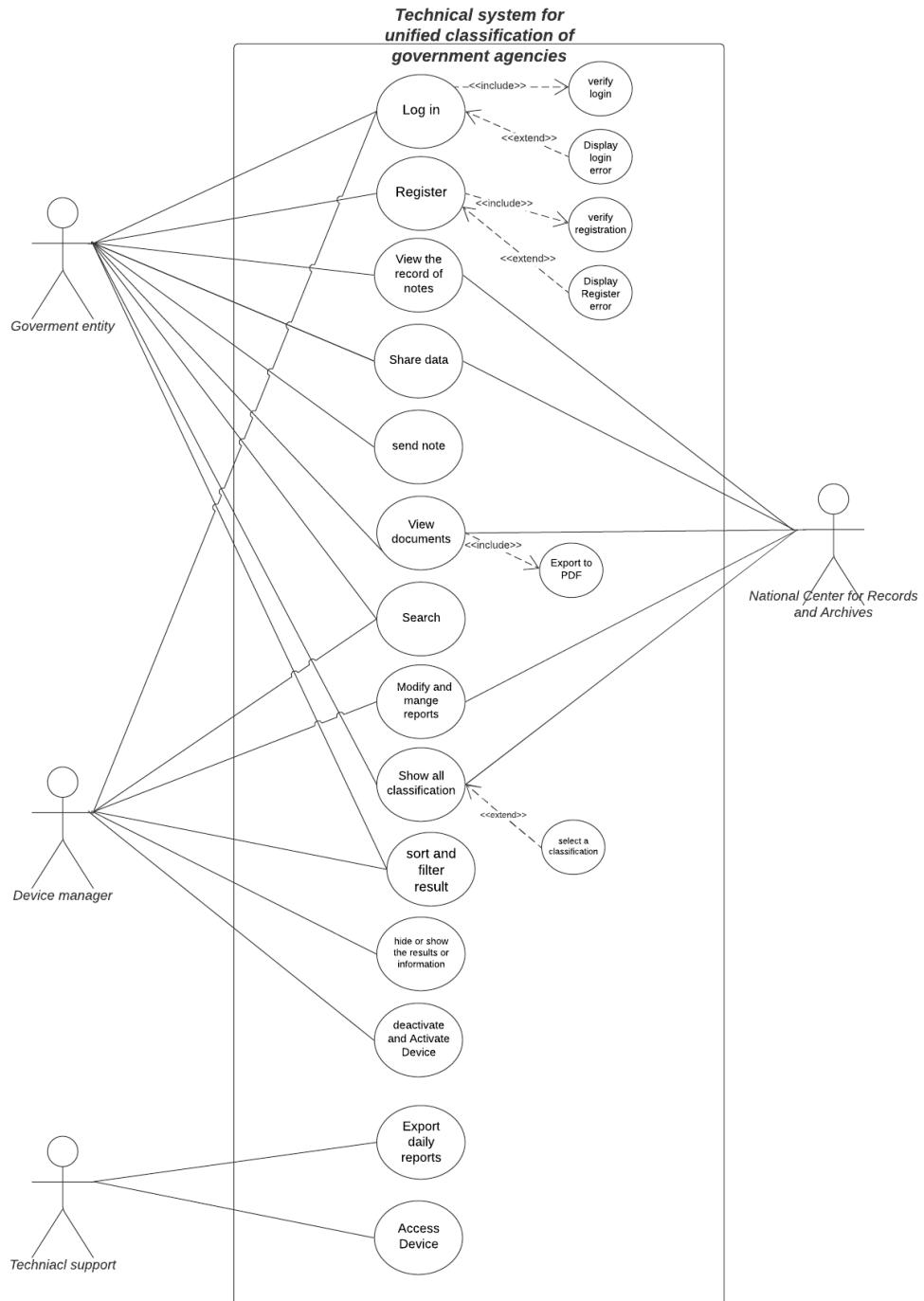
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# System model :

## 1.2 Use case diagram

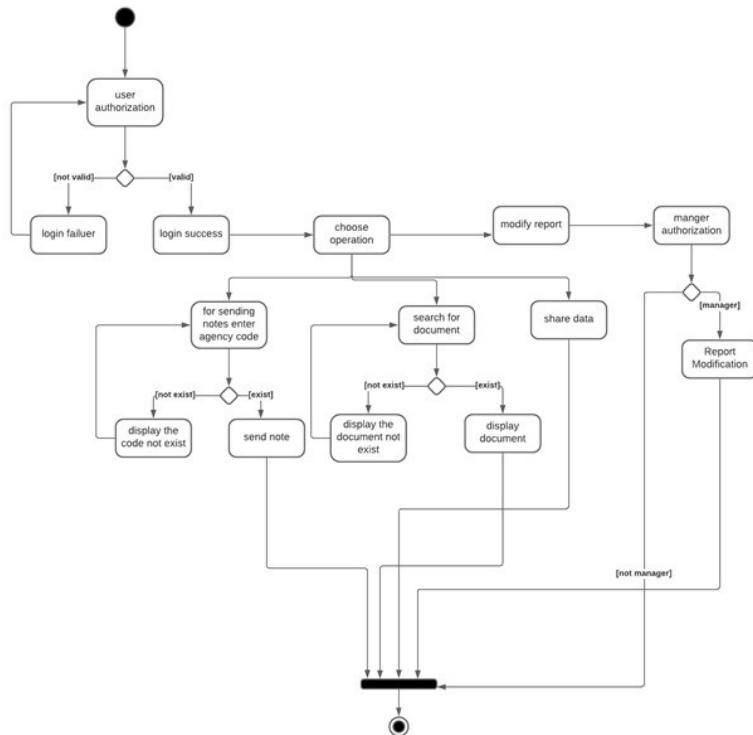


## 1.2.1 Use case Description

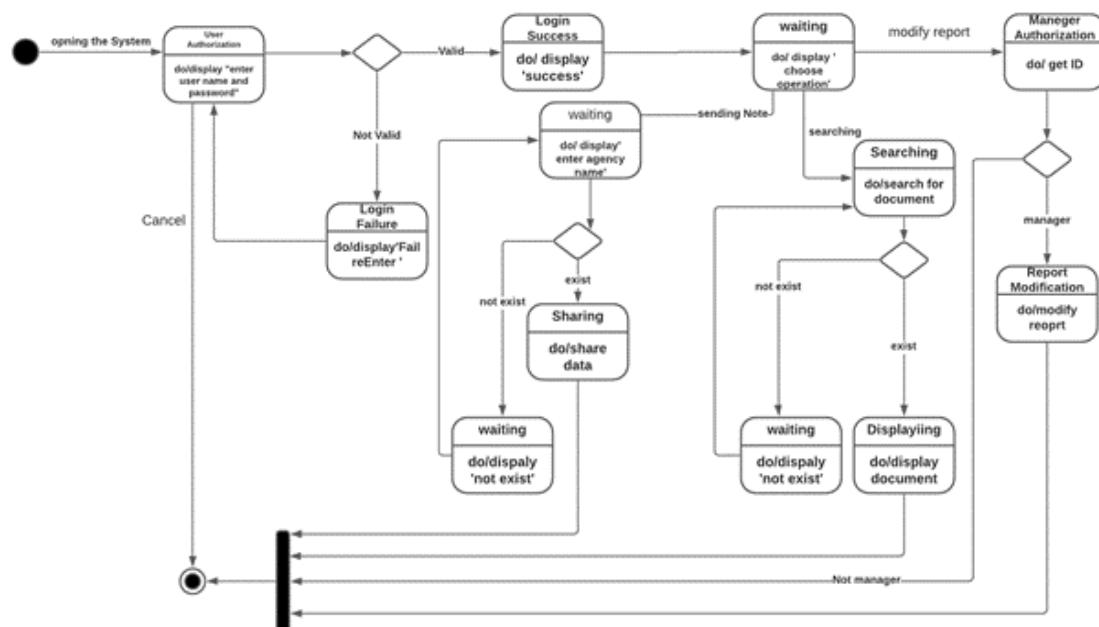
<b>System</b>	Technical system for unified classification of government agencies
<b>Use case</b>	Search
<b>Actors</b>	Device Manger , Government entity
<b>Description</b>	Technical system for unified classification of government agencies have a data base for documents and reports , the actors can write the name of the document and will display all reports and documents that are related , and can export in different ways , filter and sort result.
<b>Stimulus</b>	The user can search for the documents and reports and system check if in database or no.
<b>Response</b>	display all reports and documents that related
<b>Comments</b>	Has the authority to delete or modify search results

<b>System</b>	Technical system for unified classification of government agencies
<b>Use case</b>	Login
<b>Actors</b>	Device Manger , Government entity
<b>Description</b>	The user will login using username and password given during registration.
<b>Stimulus</b>	The user login by using username and password and the system check if in database or no.
<b>Response</b>	User access the system or user account not created

## 1.2 Activity diagram:



## 1.3 State diagram :



### 1.3 State diagram :

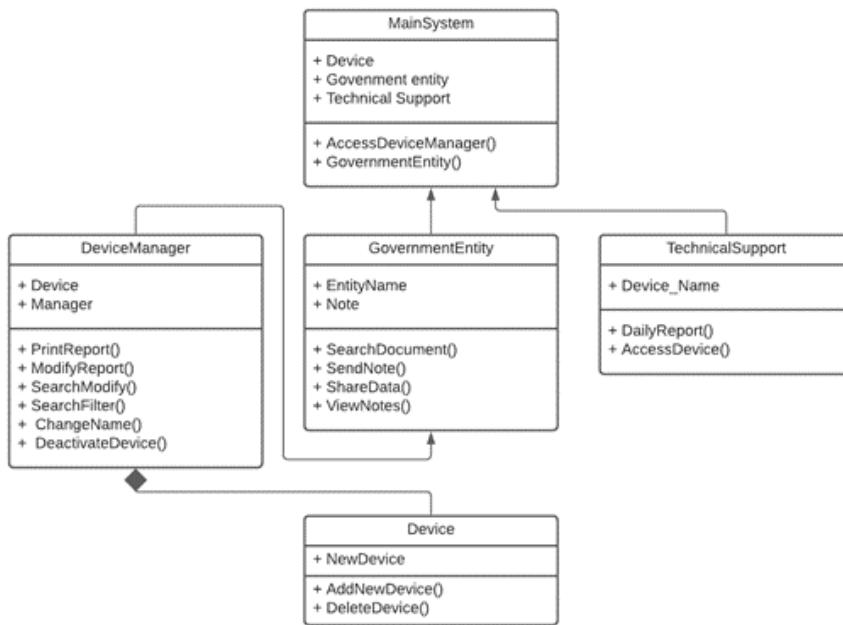
#### 1.3.1 State table :

State	Description
User Authorization	the system is verifying the user
Login Success	the user is in the system , Set a user, the display shows "Success"
Login Failure	the user is not in the system , the display shows "Fail reEnter"
waiting	The system is waiting for an input
Maneger Authorization	the system set the user as Manager
Searching	the system searching for a document
Report Modification	the system allowing the manager to modify
Sharing	the system is sharing the data
Displaying	the system displaying the document

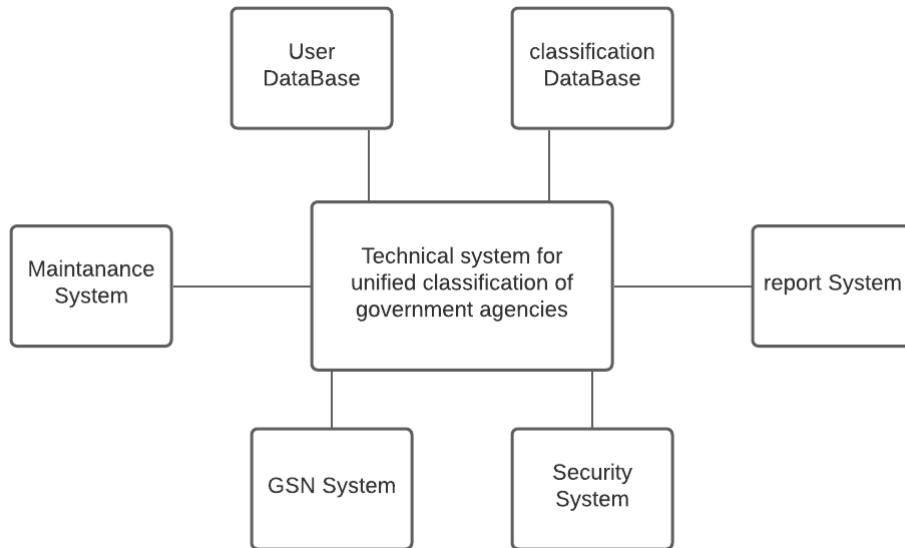
#### 1.3.2 Stimulus table :

Stimulus	Description
Valid	The user ID is valid and in the system
NotValid	The user ID is not in the system
Cancel	the User pressed Cancel button
modify report	the Manager pressed Modifying report button
sending Note	the User pressed Sending note button
searching	the user pressed Searching button

## 1.4 Class diagram :

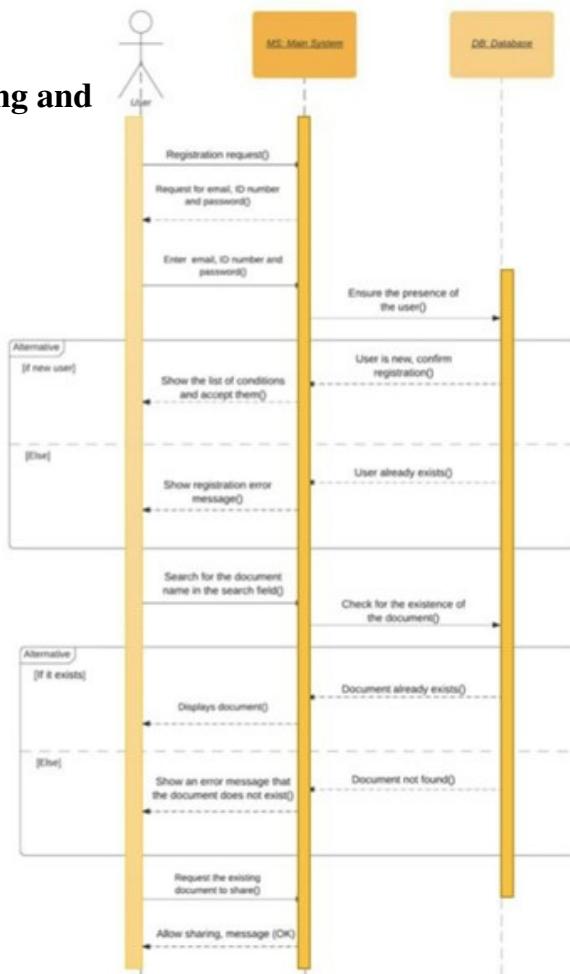


## 1.5 Context model :

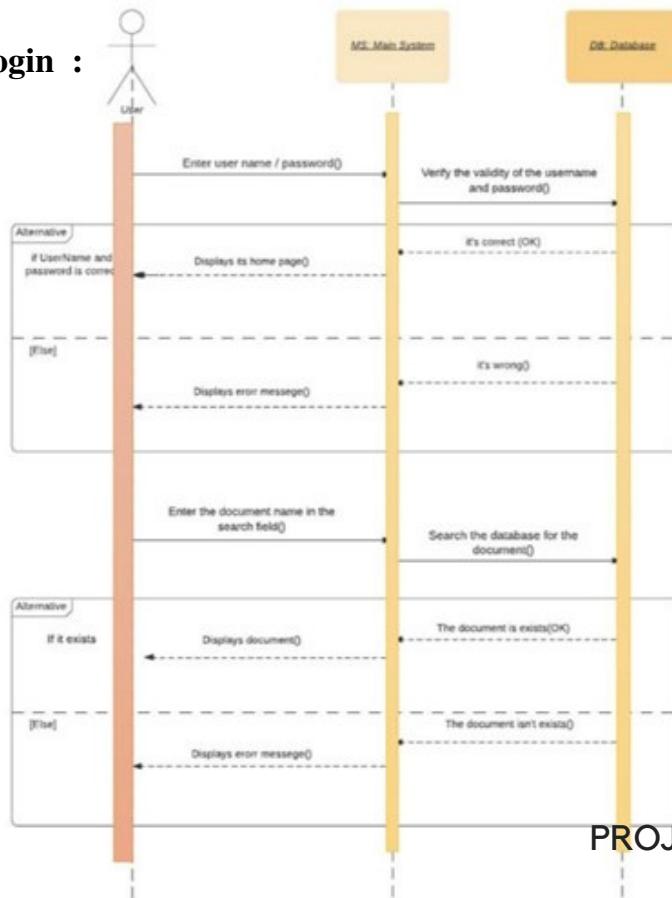


## 1.6 Sequence diagram :

### 1.6.1 Sequence diagram for Searching and Sharing message :

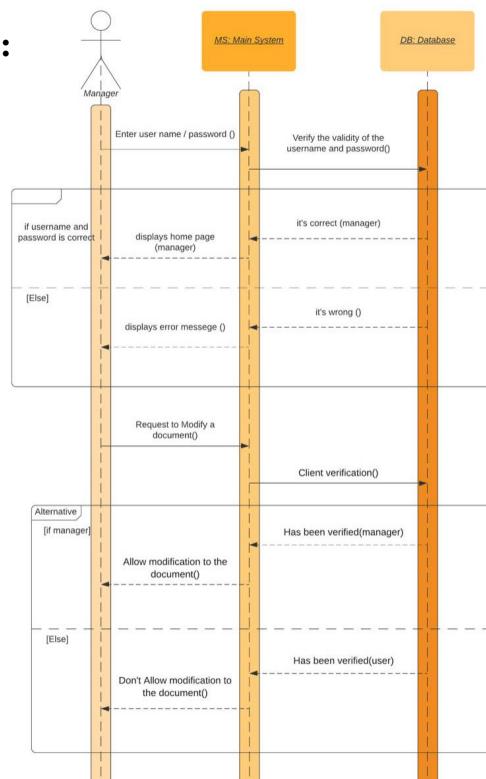


### 1.6.2 Sequence diagram for login :



PROJECT PHASE 2

### 1.6.3 Sequence diagram for Modifying Report :

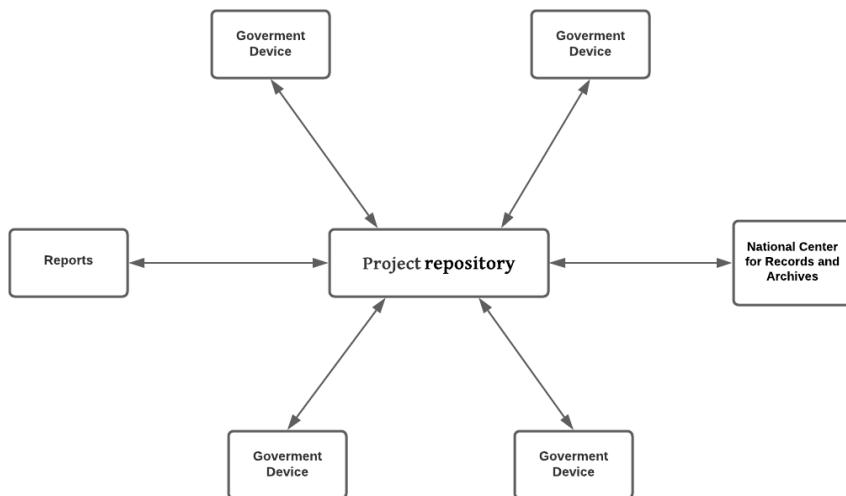


## 2. System architecture pattern:

We combine two architectures which are Repository architecture and Layered architecture since our system is large and we want to describe the communications for all aspects of the system

### 2.1 Repository architecture

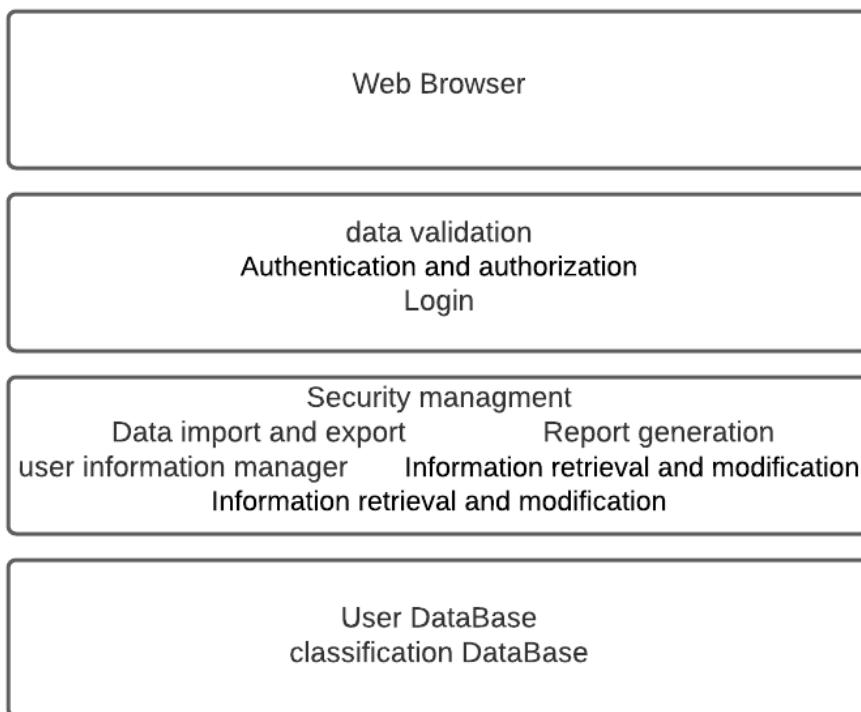
Repository model is a pattern where all data is managed in a central repository that is accessible to all system components. This pattern is used when you have a system in which large amounts of information are made and has to be stored for a very long time. This project involves devices from different entities to access a central database to share information just like the repository model.



## 2.2 Layered architecture

We used Layered architecture representation to describe layer of functionality requirement for multi level security, we represent the component of :

- The user interface
- User communications
- Information retrieval
- System database



# User interface Design

**ABOUT US**

This system aims to unify classification of devices in different government entities. And to be able to access

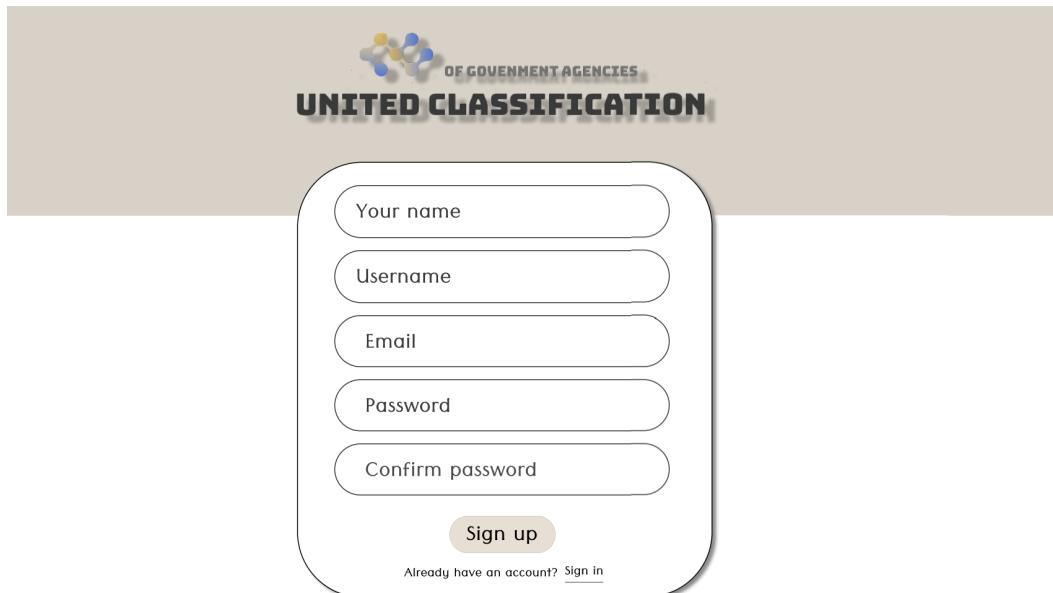
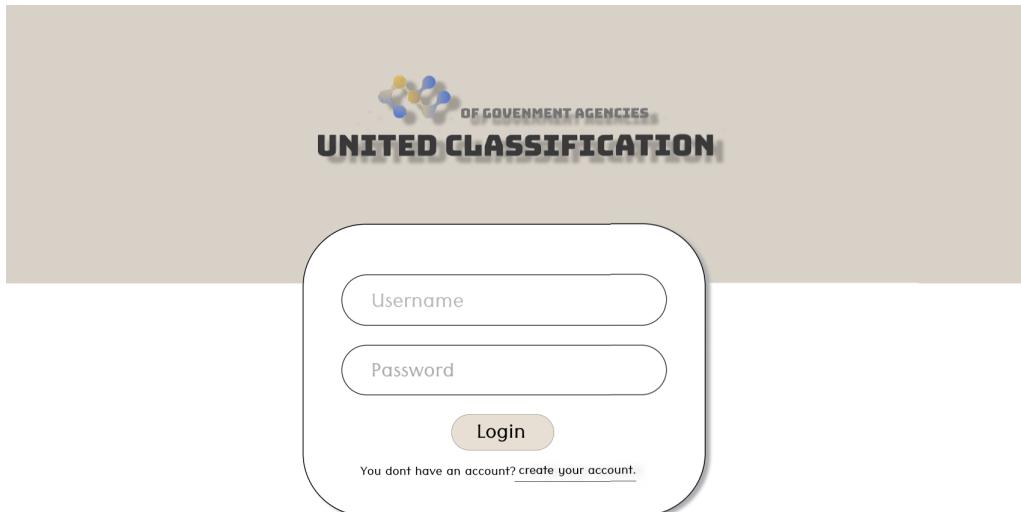
**Home page**

**Device Manager**

**Goverment Device**

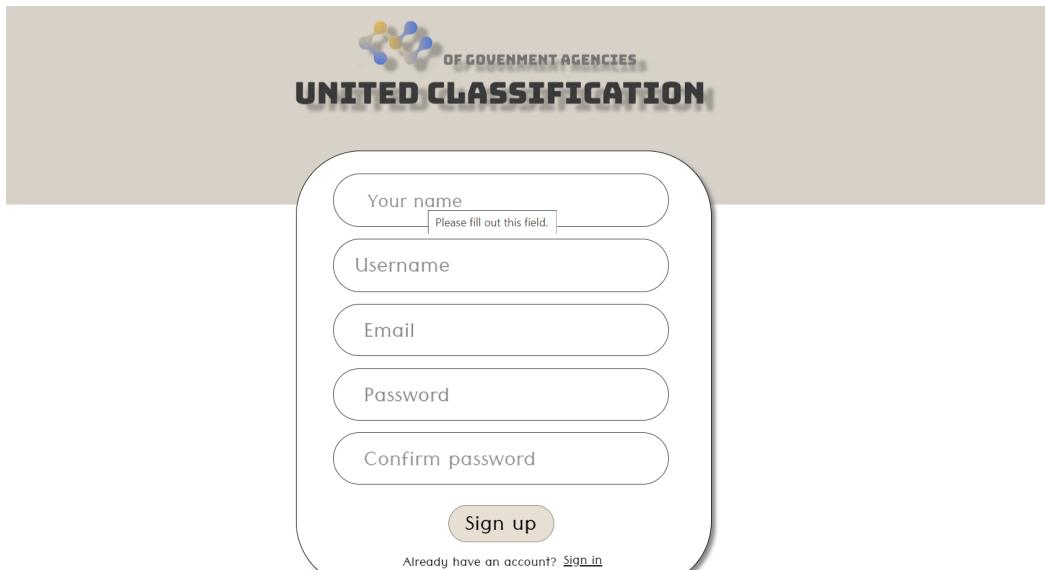
**PROJECT PHASE 2**

## User interface Design

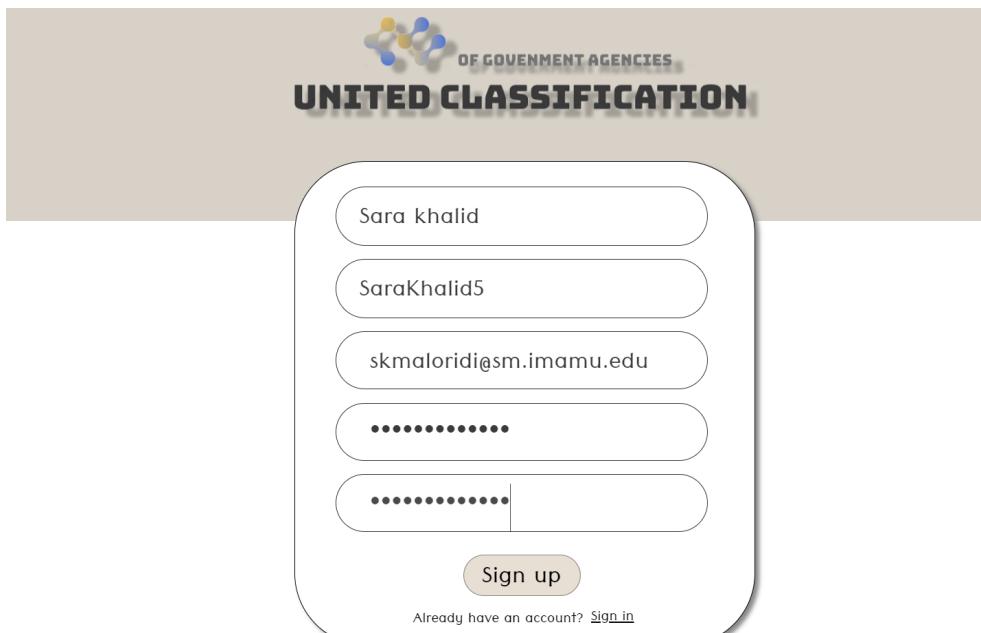


PROJECT PHASE 2

## User interface Design



The image shows a sign-up form for a service called "UNITED CLASSIFICATION". The logo at the top features a stylized cluster of colored dots (blue, yellow, green) above the text "OF GOVERNMENT AGENCIES" and "UNITED CLASSIFICATION". The form itself has rounded corners and a light gray background. It contains five input fields: "Your name" (with a placeholder "Please fill out this field."), "Username", "Email", "Password", and "Confirm password". Below these fields is a "Sign up" button with a dark gray background and white text. At the bottom of the form, there is a small link: "Already have an account? [Sign in](#)".



This image shows the same sign-up form as above, but with sample data entered into the fields. The "Your name" field contains "Sara khalid". The "Username" field contains "SaraKhalid5". The "Email" field contains "skmaloridi@sm.imamu.edu". The "Password" and "Confirm password" fields both contain a series of nine dots ("....."). The "Sign up" button and the "Sign in" link at the bottom remain the same.

PROJECT PHASE 2

## User interface Design



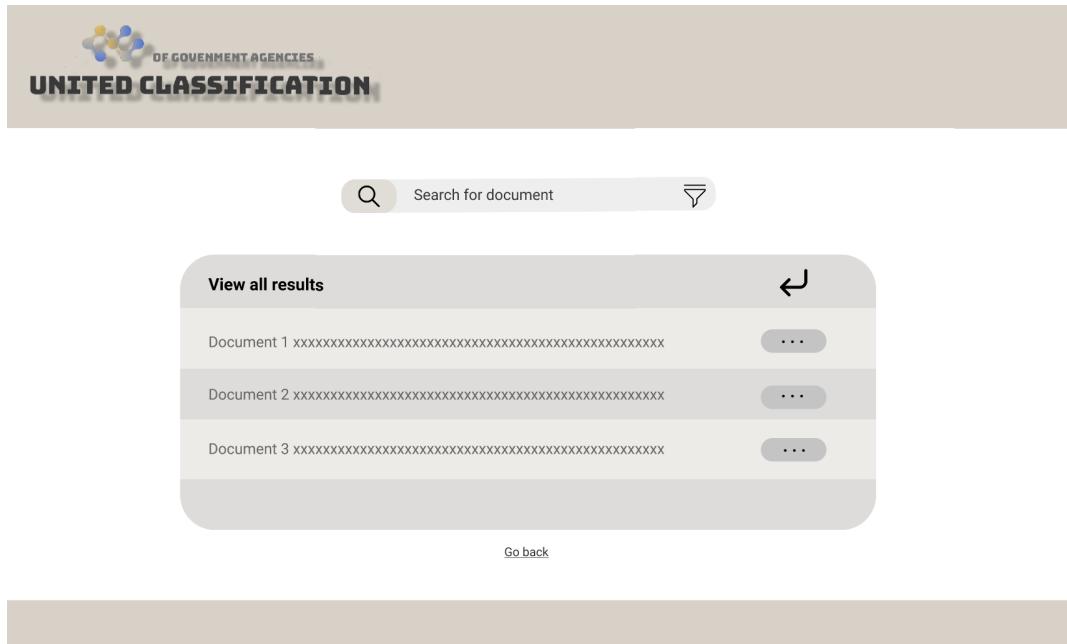
### Manager profile



### Government entity profile

PROJECT PHASE 2

## User interface Design



Search for document page

# Appendix

## Our website

Html5 code :

```

1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <link href="https://fonts.googleapis.com/css?family=Tenali+Ramakrishna&display=swap" rel="stylesheet" />
6      <link href="_/main.css" rel="stylesheet" />
7      <title>Document</title>
8      <link href="_/main.css" rel="stylesheet" />
9      <title>Document</title>
10 </head>
11
12 <body>
13     <div class="v5_6"></div>
14     <div class="v0_3">
15         <div class="v43_4"></div>
16         <div class="v19_58"></div>
17         <div class="v16_2"></div>
18         <div class="v5_6"></div>
19         <div class="v5_9"></div><span class="v5_10">Email</span>
20         <div class="v8_12"></div><span class="v5_11">Username</span><span class="v8_13">Password</span>
21         <div class="v8_14"></div><span class="v8_15">Confirm password</span>
22         <div class="v8_16"></div>
23         <div class="v5_12"></div><span class="v8_17">Your name </span><span class="v5_13">Sign up</span><span
24             class="v16_30">Already have an account?</span><span class="v16_32">Sign in</span>
25     </div>
26 </body>
27
28 </html>
```

CSS code :

```

1  * {
2      box-sizing: border-box;
3  }
4  body {
5      font-size: 14px;
6  }
7  .v5_6 {
8      background: rgba(196,196,196,1);
9      width: 361px;
10     height: 57px;
11 }
12 .v0_3 {
13     width: 100%;
14     height: 701px;
15     background: ■rgba(255,255,255,1);
16     opacity: 1;
17     position: relative;
18     top: 0px;
19     left: 0px;
20     overflow: hidden;
21 }
22 .v43_4 {
23     width: 100%;
24     height: 241px;
25     background: ■rgba(215,209,199,1);
26     opacity: 1;
27     position: absolute;
28     top: 10px;
29     left: 0px;
30     overflow: hidden;
31 }
32 .v19_58 {
33     width: 447px;
34     height: 469px;
35     background: ■rgba(255,255,255,1);
36     opacity: 1;
37     position: absolute;
38     top: 173px;
39     left: 323px;
40     border: 1px solid □rgba(0,0,0,1);
41     border-top-left-radius: 70px;
42     border-top-right-radius: 70px;
```

## Appendix

```

43    border-bottom-left-radius: 70px;
44    border-bottom-right-radius: 70px;
45    box-shadow: 4px 3px 4px □rgba(0.5541666746139526, 0.5449305772781372, 0.5449305772781372, 1);
46    overflow: hidden;
47 }
48 .v16_2 {
49   width: 464px;
50   height: 104px;
51   background: url("../images/v16_2.png");
52   background-repeat: no-repeat;
53   background-position: center center;
54   background-size: cover;
55   opacity: 1;
56   position: absolute;
57   top: 30px;
58   left: 306px;
59   box-shadow: 11px 7px 4px □rgba(0, 0, 0, 0.25);
60   overflow: hidden;
61 }
62 .v5_6 {
63   width: 361px;
64   height: 57px;
65   background: □rgba(196,196,196,1);
66   opacity: 1;
67   position: absolute;
68   top: 268px;
69   left: 363px;
70   border: 1px solid □rgba(51,51,51,1);
71   border-top-left-radius: 30px;
72   border-top-right-radius: 30px;
73   border-bottom-left-radius: 30px;
74   border-bottom-right-radius: 30px;
75   overflow: hidden;
76 }
77 .v5_9 {
78   width: 361px;
79   height: 56px;
80   background: □rgba(196,196,196,1);
81   opacity: 1;
82   position: absolute;
83   top: 338px;
84   left: 363px;
85   border: 1px solid □rgba(51,51,51,1);
86   border-top-left-radius: 30px;
87   border-top-right-radius: 30px;
88   border-bottom-left-radius: 30px;
89   border-bottom-right-radius: 30px;
90   overflow: hidden;
91 }
92 .v5_10 {
93   width: 293px;
94   color: □rgba(0,0,0,0.769999809265137);
95   position: absolute;
96   top: 347px;
97   left: 396px;
98   font-family: Tenali Ramakrishna;
99   font-weight: Regular;
100  font-size: 30px;
101  opacity: 1;
102  text-align: left;
103 }
104 .v8_12 {
105   width: 361px;
106   height: 56px;
107   background: □rgba(196,196,196,1);
108   opacity: 1;
109   position: absolute;
110   top: 407px;
111   left: 363px;
112   border: 1px solid □rgba(51,51,51,1);
113   border-top-left-radius: 30px;
114   border-top-right-radius: 30px;
115   border-bottom-left-radius: 30px;
116   border-bottom-right-radius: 30px;
117   overflow: hidden;
118 }
119 .v5_11 {
120   width: 284px;
121   color: □rgba(0,0,0,0.769999809265137);
122   position: absolute;
123   top: 277px;
124   left: 386px;
125   font-family: Tenali Ramakrishna;

```

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```

126    font-weight: Regular;
127    font-size: 30px;
128    opacity: 1;
129    text-align: left;
130  }
131  .v8_13 {
132    width: 215px;
133    color: □rgba(0,0,0,0.7699999809265137);
134    position: absolute;
135    top: 416px;
136    left: 396px;
137    font-family: Tenali Ramakrishna;
138    font-weight: Regular;
139    font-size: 30px;
140    opacity: 1;
141    text-align: left;
142  }
143  .v8_14 {
144    width: 361px;
145    height: 56px;
146    background: □rgba(196,196,196,1);
147    opacity: 1;
148    position: absolute;
149    top: 476px;
150    left: 363px;
151    border: 1px solid □rgba(51,51,51,1);
152    border-top-left-radius: 30px;
153    border-top-right-radius: 30px;
154    border-bottom-left-radius: 30px;
155    border-bottom-right-radius: 30px;
156    overflow: hidden;
157  }
158  .v8_15 {
159    width: 215px;
160    color: □rgba(0,0,0,0.7099999785423279);
161    position: absolute;
162    top: 485px;
163    left: 396px;
164    font-family: Tenali Ramakrishna;
165    font-weight: Regular;
166    font-size: 30px;
167    opacity: 1;
168    text-align: left;
169  }
170  .v8_16 {
171    width: 361px;
172    height: 57px;
173    background: □rgba(196,196,196,1);
174    opacity: 1;
175    position: absolute;
176    top: 198px;
177    left: 363px;
178    border: 1px solid □rgba(51,51,51,1);
179    border-top-left-radius: 30px;
180    border-top-right-radius: 30px;
181    border-bottom-left-radius: 30px;
182    border-bottom-right-radius: 30px;
183    overflow: hidden;
184  }
185  .v5_12 {
186    width: 114px;
187    height: 40px;
188    background: □rgba(208,193,169,0.5099999904632568);
189    opacity: 1;
190    position: absolute;
191    top: 554px;
192    left: 487px;
193    border: 0.000000298023224px solid □rgba(0,0,0,0.3799999952316284);
194    border-top-left-radius: 50px;
195    border-top-right-radius: 50px;
196    border-bottom-left-radius: 50px;
197    border-bottom-right-radius: 50px;
198    overflow: hidden;
199  }
200  .v8_17 {
201    width: 267px;
202    color: □rgba(0,0,0,0.7699999809265137);
203    position: absolute;
204    top: 207px;
205    left: 386px;
206    font-family: Tenali Ramakrishna;
207    font-weight: Regular;
208    font-size: 30px;
209    opacity: 1;

```

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```
210     text-align: left;
211 }
212 .v5_13 {
213     width: 84px;
214     color: □rgba(0,0,0,1);
215     position: absolute;
216     top: 554px;
217     left: 505px;
218     font-family: Tenali Ramakrishna;
219     font-weight: Regular;
220     font-size: 30px;
221     opacity: 1;
222     text-align: left;
223 }
224 .v16_30 {
225     width: 251px;
226     color: □rgba(0,0,0,1);
227     position: absolute;
228     top: 603px;
229     left: 438px;
230     font-family: Tenali Ramakrishna;
231     font-weight: Regular;
232     font-size: 18px;
233     opacity: 1;
234     text-align: left;
235 }
236 .v16_32 {
237     width: 59px;
238     color: □rgba(0,0,0,1);
239     position: absolute;
240     top: 601px;
241     left: 611px;
242     font-family: Tenali Ramakrishna;
243     font-weight: Regular;
244     font-size: 18px;
245     opacity: 1;
246     text-align: left;
247 }
248 }
```