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**● Project Title:**

- Medix World

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## **Introduction**

As technology spreads in each field in our daily life, and everyone tries to eliminate using paper, we try to help those people.

The medical field was one of the early fields that used technology to examine patients and find medicine for many diseases.

but the main problem is that patients can't know where to find the best doctors, their appointments, and even how to reach them.

So in this web app, we try to help doctors to be more popular with patients, and provide patients with all the information about doctors who may help them.

On the other hand, patients who suffer for a long time can't remember their medical history and sometimes they don't know or save their medicine names, or past reports about their medical status which may cause poor diagnosis and more costs to repeat medical tests and x-rays to get these reports again.

So we also try to help patients avoid using papers that easily get lost and use an application that saves their reports, prescriptions, and all other medical history data in their profile, to help doctors be more accurate in their diagnoses.

## Scope

- a. Admin dashboard.
  - i. Approve doctors' registration requests.
  - ii. Approve doctors' data update requests.
  - iii. View clients' activities.
  - iv. Deactivate/activate accounts.
  - v. Edit system terms and conditions.
- b. Service Provider dashboard.
  - i. Add appointment schedule.
  - ii. View patients' rates.
  - iii. Update his/her info.
  - iv. List and view his/her patients' profiles.
  - v. Update patients' medical history.
- c. Patient Website.
  - i. Search for doctors by specialty or location.
  - ii. Book appointments with doctors.
  - iii. Rate doctors.
  - iv. Uploads all past medical papers.

## **Purpose**

## **This Project aims to :**

- a. Help service providers (doctors) manage their schedules and appointments.
- b. Help service providers (doctors) to organize their patients' data.
- c. Allow service providers (doctors) to toggle their availability and be up to date.
- d. Help patients to find the best service providers (doctors).
- e. Help patients to schedule visits to their service providers (doctors).
- f. Allow patients to find their medical history.
- g. Make patients always ready to give any information to service providers (doctors) through their medical profiles.

## **System architecture**

This project is based on MVC architecture, as we use Laravel framework to implement it.

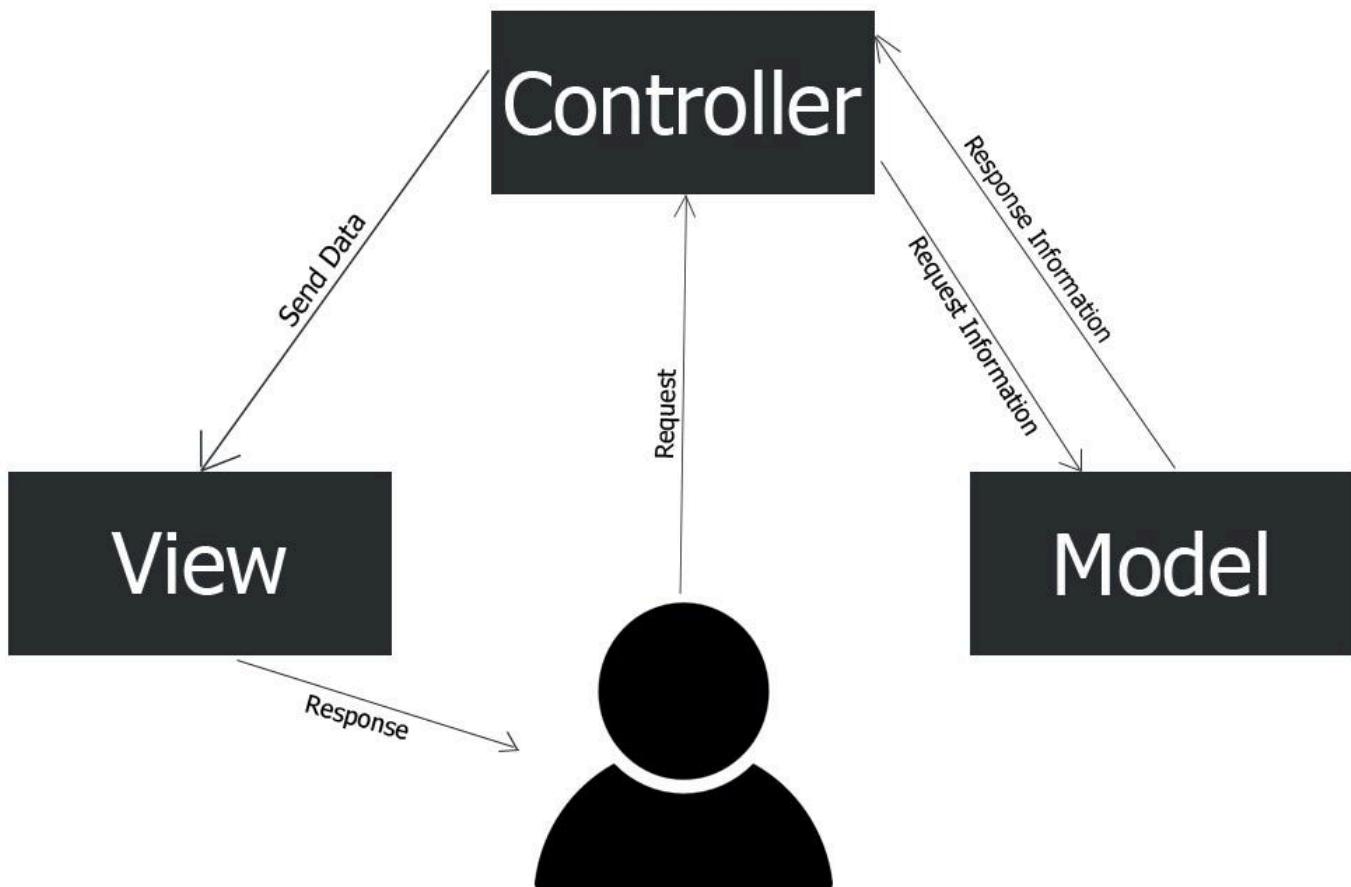
MVC architecture (Model-View-Controller):

**Model:** The model represents the data of the application. → connect with the database

**View:** The view is responsible for presenting the data to the user. It translates the data from the model into a user-friendly format.

**Controller:** The controller acts as an intermediary between the view and the model. It handles user interactions and requests. It receives input from the user (through the view), updates the model as needed, and instructs the view to update itself accordingly. → logic goes here

# Model-View-Controller



## **System requirements specification**

### 1. Functional Requirements

## 1.1 Requirement specifications

Identifier	Priority	Requirement
REQ1	5	The system shall allow the addition of a new city.
REQ2	5	The system shall allow the display of all cities.
REQ3	5	The system shall allow modification of the city.
REQ4	5	The system shall allow adding a new district related to the saved city.
REQ5	5	The system shall allow the display of all the city's districts
REQ6	5	The system shall allow modification of the district.
REQ7	5	The system shall allow the addition of new majors.
REQ8	5	The system shall allow the display of all majors.
REQ9	5	The system shall allow modification of majoring.
REQ10	5	The system shall allow adding new roles.
REQ11	5	The system shall allow the display of all roles/user types.
REQ12	5	The system shall allow modification of role/user type.
REQ13	5	The system shall allow the addition of new permission.
REQ14	5	The system shall allow the display of all permissions.
REQ15	5	The system shall allow modification of permission.
REQ16	5	The system shall allow assigning role permissions.
REQ17	5	The system shall allow the registration of new users.
REQ18	5	The system shall allow logging in.
REQ19	5	The system shall allow logging out.
REQ20	5	The system shall verify the service providers' credentials.
REQ21	5	The system shall list all reservation history.
REQ22	5	The system shall allow adding medical history.
REQ23	5	The system shall allow a diss track of medical history.
REQ24	5	The system shall allow the view of medical history.
REQ25	5	The system shall allow a list of service providers' registration requests.
REQ26	5	The system shall allow modification of service providers' registration requests.
REQ27	4	The system shall allow the addition of new service providers.
REQ28	4	The system shall allow the view of all users
REQ29	4	The system shall allow modification of the profile information.

REQ30	3	The system shall allow scheduling an appointment with the service provider.
REQ31	3	The system shall allow approval of an appointment
REQ32	3	The system shall allow the modification of an appointment schedule.
REQ33	3	The system shall allow the listing of an appointment schedule.
REQ34	3	The system shall be able to link to the customers' and service provider's profiles.
REQ35	3	The system shall be able to unlink to the customers' and service provider's profiles.
REQ36	3	The system shall export the data in a PDF or Excel file.
REQ37	3	The system shall allow viewing ratings.
REQ38	3	The system shall allow viewing comments.
REQ39	3	The system shall allow searching for service providers.
REQ40	2	The system shall allow Favorite a service provider.
REQ41	2	The system shall allow the removal of a favorite service provider.
REQ42	2	The system shall allow the addition of rates.
REQ43	2	The system shall allow the addition of comments.
REQ44	2	The system shall allow sending contact us messages.
REQ45	2	The system shall allow listing Contact Us messages.
REQ46	2	The system shall allow an update of the Contact Us messages' status.
REQ47	2	The system shall allow viewing of Contact Us messages.
REQ48	2	The system shall allow the addition of terms and conditions.
REQ49	2	The system shall allow modification of terms and conditions.
REQ50	2	The system shall allow viewing terms and conditions.
REQ51	1	The system should allow the addition of a medical advice "blog".
REQ52	1	The system should allow the modification of a medical advice "blog".
REQ53	1	The system should allow the viewing of a medical advice "blog".
REQ54	1	The system should allow chatting functionality to be provided for users and service providers.
REQ55	1	The system should be able to use Online payment functionality.
REQ56	1	The system should have a user guide for the application.
REQ57	1	The system should provide a request for treatment via prescription.
REQ58	1	The system should provide a request for a book scan appointment via prescription.
REQ59	1	The system should provide a location for the nearest pharmacies.
REQ60	1	The system should provide a location for the nearest hearing center.

REQ61	1	The system should provide a location for the nearest optical center.
REQ62	1	The system should provide a location for the nearest scan center.

## 1.2 User Stories

Identifier	User Story	Size
ST-1	As an authorized admin, I can add a new city.	1pt
ST-2	As an authorized admin, I can modify cities.	1pt
ST-3	As an authorized admin, I can display a list of all cities.	1pt
ST-4	As an authorized admin, I can display specific cities.	1pt
ST-5	As an authorized admin, I can add a new district to an existing city.	1pt
ST-6	As an authorized admin, I can modify the district.	1pt
ST-7	As an authorized admin, I can display the district.	1pt
ST-8	As an authorized admin, I can display a list of all districts.	1pt
ST-9	As an authorized admin, I can add a new medical major.	1pt
ST-10	As an authorized admin, I can modify medical majors.	1pt
ST-11	As an authorized admin, I can display medical majors.	1pt
ST-12	As an authorized admin, I can display a Specific medical major.	1pt
ST-13	As an authorized admin, I can add a new role.	1pt
ST-14	As an authorized admin, I can modify the role.	1pt
ST-15	As an authorized admin, I can display a specific role.	1pt
ST-16	As an authorized admin, I can display a list of all roles.	1pt
ST-17	As an authorized admin, I can add a new permission.	1pt
ST-18	As an authorized admin, I can modify the permission.	1pt
ST-19	As an authorized admin, I can display a specific permission.	1pt
ST-20	As an authorized admin, I can display a list of all permissions.	1pt
ST-21	As an authorized admin, I can assign role permissions.	1pt
ST-22	As a user, and service provider: I can register a new account.	2pt
ST-23	As a user(guest), service provider, and admin, I can log in to the system.	6pt
ST-24	As an authorized user, service provider, and admin, I can log out.	3pt
ST-25	As an admin, I can list service providers' registration requests.	2pt
ST-26	As an admin, I can modify (approve or reject) service providers' registration requests.	2pt
ST-27	As an admin, I can add new service providers.	4pt
ST-28	As an authorized user, service provider, or admin, I can display my profile.	6pt
ST-29	As an authorized user, service provider, or admin, I can modify my profile.	4pt

ST-30	As an authorized user, service provider, and admin, I can extract and download service data for reference.	2pt
ST-31	As an authorized user, service provider, and admin, I can add medical history.	4pt
ST-32	As an authorized user, service provider, and admin, I can modify medical history.	3pt
ST-33	As an authorized user, service provider, and admin, I can display medical history.	2pt
ST-34	As an authorized service provider, I can send requests to access user profiles.	2pt
ST-35	As an authorized user, service provider, and admin, I can modify all requests to access.	2pt
ST-36	As an authorized user, service provider, and admin, I can display all requests to access.	2pt
ST-37	As an admin, I can list all system users and service providers.	2pt
ST-38	As an authorized user, I can book an appointment.	3pt
ST-39	As an authorized user, service provider, and admin, I list appointments' history.	3pt
ST-40	As an authorized service provider and admin, I can create my schedule.	4pt
ST-41	As an authorized service provider and admin, I can modify my schedule.	3pt
ST-42	As a user or service provider and admin, I can view the schedule.	2pt
ST-43	As a user, I can search for a service provider.	3pt
ST-44	As an authorized user and admin, I can add service providers to my favorite list.	2pt
ST-45	As an authorized user and admin, I can remove service providers from my favorite list.	2pt
ST-46	As an authorized user and admin, I can display my favorite service providers.	2pt
ST-47	As an authorized user and admin, I can add comments to service providers.	3pt
ST-48	As an authorized user and admin, I can add rates to service providers.	3pt
ST-49	As a user service provider and admin, I can view my ratings.	3pt
ST-50	As a user or service provider and admin, I can view my comments.	3pt
ST-51	As an authorized user, service provider, and admin, I can send a Contact Us message.	3pt
ST-52	As an authorized user, service provider, or admin, I can list Contact Us messages.	3pt
ST-53	As an admin, I can update Contact Us messages.	3pt
ST-54	As an authorized user, service provider, or admin, I can view Contact Us messages.	3pt
ST-55	As an authorized admin, I can add system terms and conditions.	3pt
ST-56	As an authorized admin, I can modify system terms and conditions.	3pt
ST-57	As a user, service provider, or admin, I can view system terms and conditions.	3pt
ST-58	As an admin, I can add medical advice.	2pt
ST-59	As an admin, I can update medical advice.	2pt

ST-60	As a user, service provider, or admin, I can view medical advice.	2pt
ST-61	As an authorized admin, I can add the application's structure and how to use it effectively in the document.	1pt
ST-62	As an authorized admin, I can modify the application's structure and how to use it effectively in the document.	1pt
ST-63	As a user service provider and admin, I can understand the application's structure and how to use it effectively by the document.	1pt
ST-64	As an authorized user or service provider, the system provides the function of chatting.	5pt
ST-65	As an authorized user, I can provide medication ordering via prescription.	5pt
ST-66	As an authorized user and service provider, I can Pay online.	5pt

### 1.3 Work backlog

Work Items	User Story	Estimated Work Duration
1	ST-1 → Add city	1pt (1 day)
2	ST-2 → Update City	1pt (1 day)
3	ST-3 → List Cities	1pt (1 day)
4	ST-4 → Show City	1pt (1 day)
5	ST-5 → Add District	1pt (1 day)
6	ST-6 → Update District	1pt (1 day)
7	ST-7 → Show District	1pt (1 day)
8	ST-8 → List Districts	1pt (1 day)
9	ST-9 → Add Major	1pt (1 day)
10	ST-10 → Update Major	1pt (1 day)
11	ST-11 → Show Majors	1pt (1 day)
12	ST-12 → List Majors	1pt (1 day)
13	ST-13 → Add Role	1pt (1 day)
14	ST-14 → Update Role	1pt (1 day)
15	ST-15 → Show Role	1pt (1 day)
16	ST-16 → List Roles	1pt (1 day)
17	ST-17 → Add Permission	1pt (1 day)
18	ST-18 → Update Permission	1pt (1 day)
19	ST-19 → Show Permission	1pt (1 day)
20	ST-20 → List Permissions	1pt (1 day)
21	ST-21 → Assign permission to role	1pt (1 day)
22	ST-22 → Register	6pt (6 days)
23	ST-23 → Login	6pt (6 days)
24	ST-24 → Logout	2pt (2 days)
25	ST-25 → List Registration requests	2pt (2 days)
26	ST-26 → Approve registration requests	2pt (2 days)
27	ST-27 → Add service provider	4pt (4 days)
28	ST-29 → Show profile	6pt (6 days)
29	ST-29 → Update Profile	4pt (4 days)

30	ST-30 →export data	2pt (2 days)
31	ST-31 →Add Medical History	4pt (4 days)
32	ST-32 →Update medical history	3pt (3 days)
33	ST-33 →show medical history	2pt (2 days)
34	ST-34 →Add requests to access the profile	2pt (2 days)
35	ST-35 →Modify requests to access the profile	2pt (2 days)
36	ST-36 →Display requests to access the profile	2pt (2 days)
37	ST-37 →List system users	2pt (2 days)
38	ST-38 →Book appointment	3pt (3 days)
39	ST-39 →List appointments history	3pt (3 days)
40	ST-40→Add schedule	4pt (4 days)
41	ST-41→update schedule	3pt (3 days)
42	ST-42 →show schedule	2pt (2 days)
43	ST-43 →search for a service provider	3pt (3 days)
44	ST-44 →Add to favorite	2pt (2 days)
45	ST-45 →remove from favorite	2pt (2 days)
46	ST-46 →display a favorite list	2pt (2 days)
47	ST-47 →Add comment	2pt (2 days)
48	ST-48 →Add rate	2pt (2 days)
49	ST-49 →List rates	2pt (2 days)
50	ST-50 →List comments	2pt (2 days)
51	ST-51 →Send message	2pt (2 days)
52	ST-52 →List messages	2pt (2 days)
53	ST-53→ Update Message	2pt (2 days)
54	ST-54 →Show message	2pt (2 days)
55	ST-55 →Add terms and conditions	2pt (2 days)
56	ST-56 →Update terms and conditions	2pt (2 days)
57	ST-57 →Show terms and conditions	2pt (2 days)
58	ST-58 →Add medical advice	2pt (2 days)
59	ST-59 →Update medical advice	2pt (2 days)
60	ST-60 →Show medical advice	2pt (2 days)

61	ST-61 → Add User guide	1pt (1 days)
62	ST-62 → Modify user guide	1pt (1 days)
63	ST-63 → User guide	1pt (1 days)
64	ST-64 → Chatting	5pt (5 days)
65	ST-65 → Order medicine	5pt (5 days)
66	ST-66 → Online payment	5pt (5 days)

## 1.4 Project duration

## To Calculate Project Duration

- Total work size = Points-for-story  $i$  ( $i = 1..N$ ).

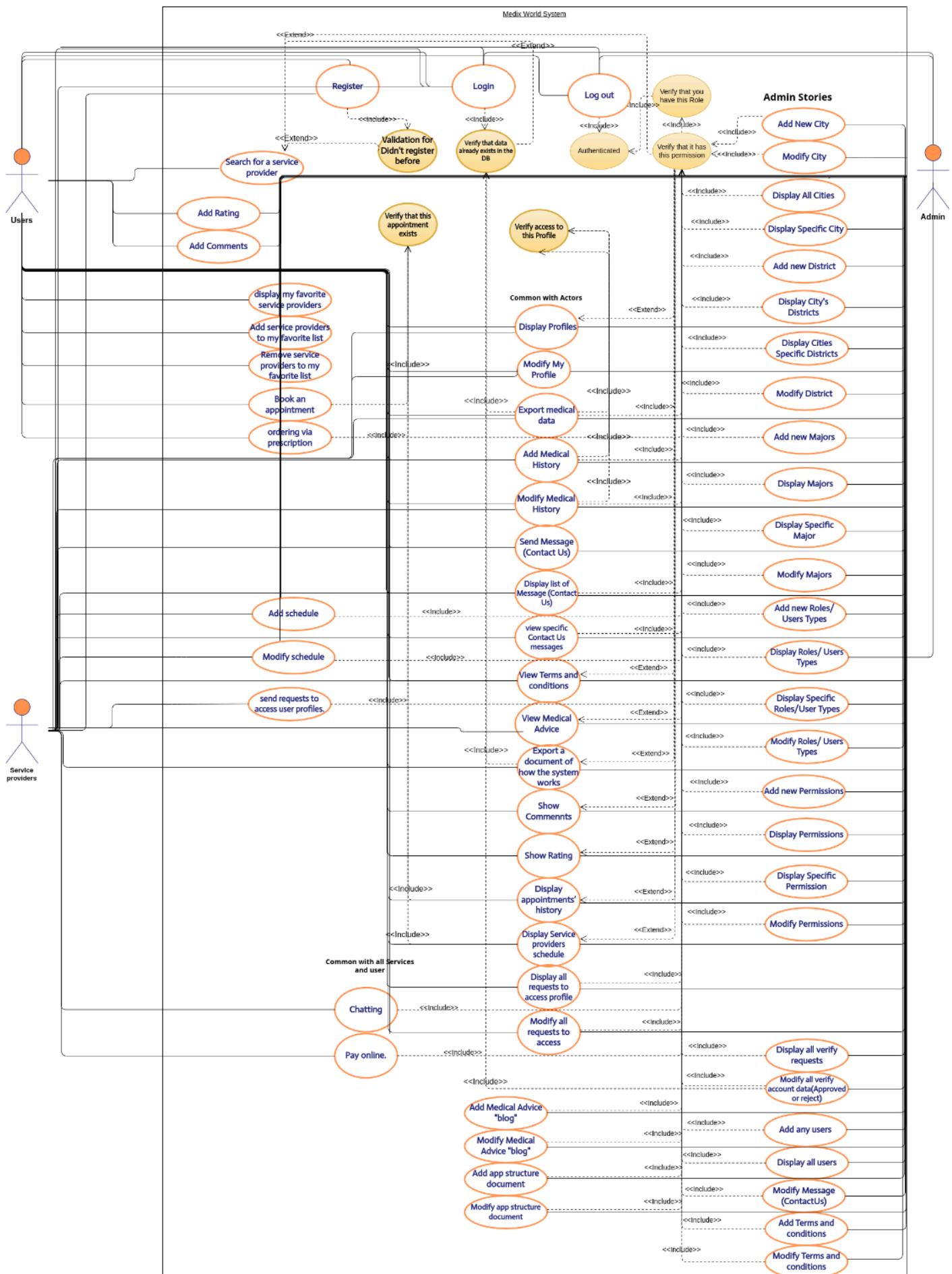
- For our case study:

- Total work size :

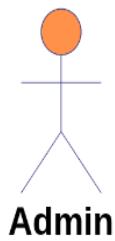
- Project duration = Path size / Travel velocity

- $$\circ = 142 / 2 = 70 \approx \text{days.}$$

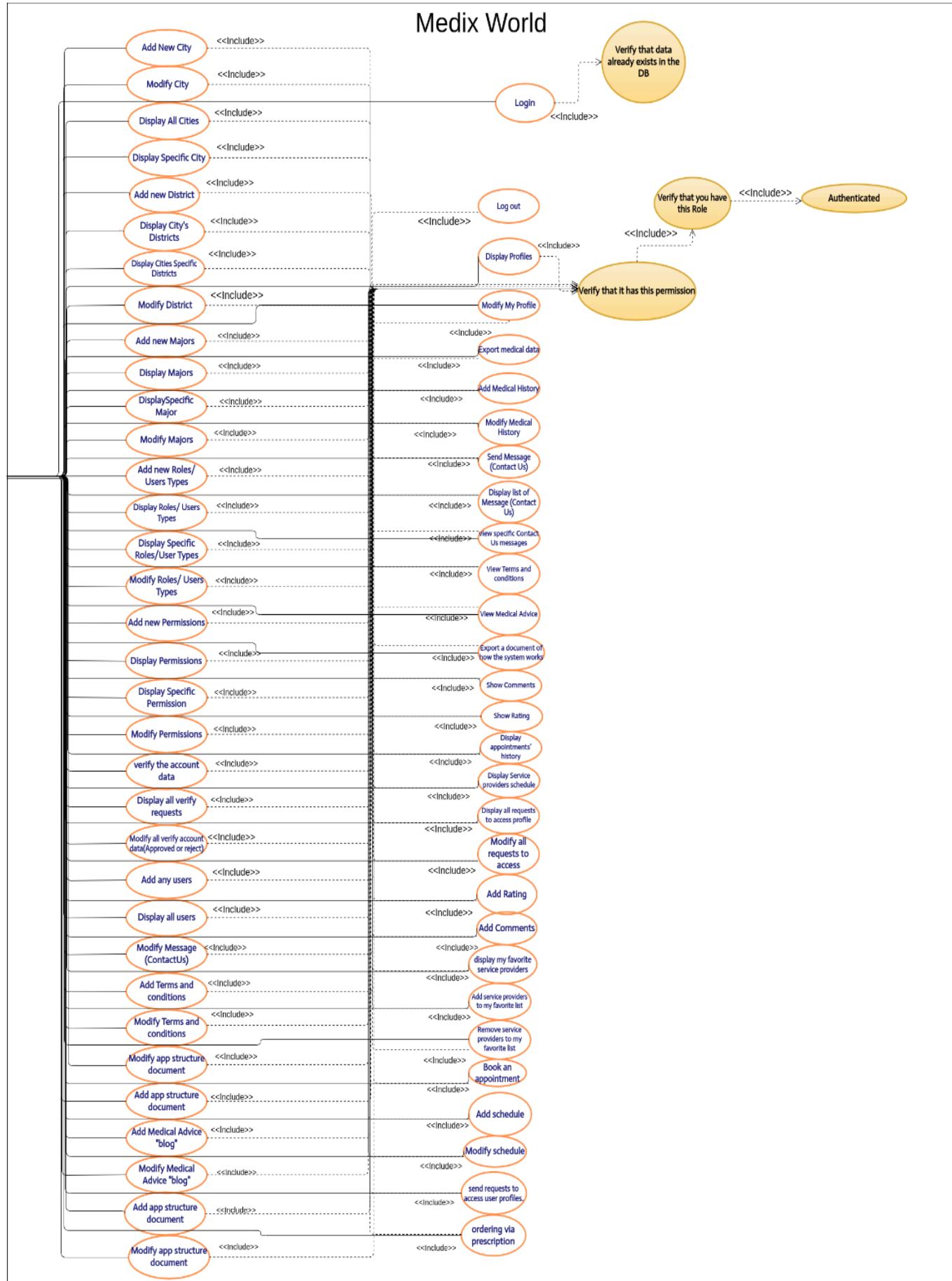
## 1.5 Use case diagram

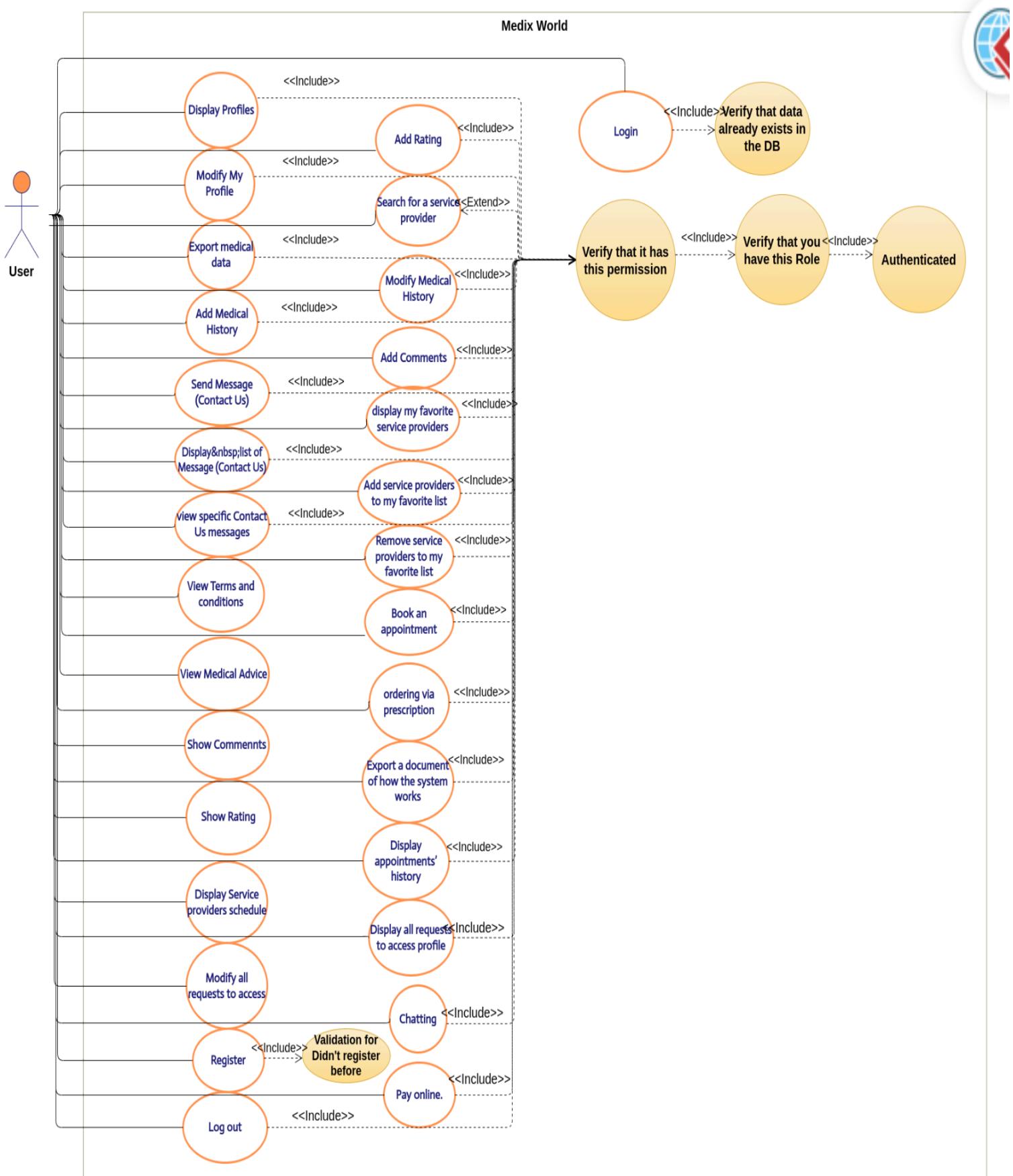


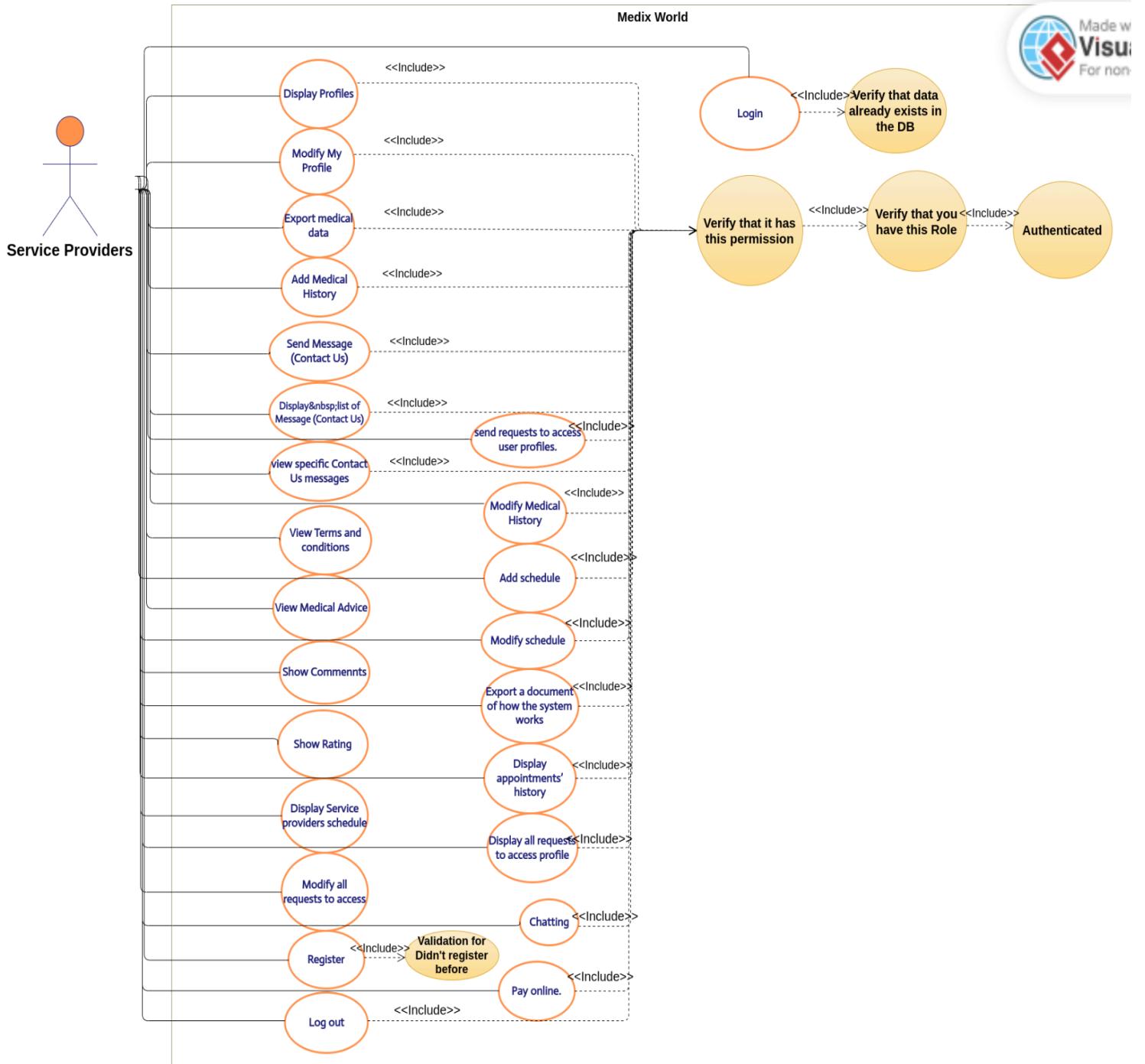
# Medix World



Admin







## 1.6 Actor Description

**1. Patients:**

Individuals seeking healthcare services and in need of managing their medical history, booking appointments with service providers.

**2. Service Providers (Doctors):**

Healthcare professionals are responsible for diagnosing and treating patients and updating patients' medical history.

**3. Administrators:**

System administrators are responsible for managing user accounts, and system settings, adding blogs, and ensuring data security and integrity.

## 1.7 Use Case Description

## Use Case 1 - (UC - 1) Add Cities

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New Cities
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database has yet to contain this city.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the cities that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the cities. 4. The system displays all current cities on the system. 5. The admin chooses to add a new city. 6. The system displays a form to enter city data. 7. The admin enters the city data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all cities, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered city data is not valid. 1 - The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 2 - (UC - 2) Display Specific City

<b>Related Requirements:</b>	REQ18,REQ16,REQ2
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Specific Cities
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this city.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the cities.</li> <li>4. The system displays all current cities on the system.</li> <li>5. The admin chooses to show a specific city.</li> <li>6. The system displays data for the selected cities.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

### Use Case 3 - (UC - 3) Modify Cities

<b>Related Requirements:</b>	REQ18,REQ16,REQ2
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Cities
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this city.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the cities that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the cities. 4. The system displays all current cities. 5. The admin chooses to edit a specific city. 6. The system displays a form to modify the current city-data. 7. The admin modifies the city-data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all cities, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered city data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 4 - (UC - 4) Display Cities

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Cities
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the cities.</li> <li>4. The system displays all current cities on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 5 - (UC - 5) Add Districts

<b>Related Requirements:</b>	REQ2,REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New Districts
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> <li>The system database contains the city in which this region will be included.</li> <li>The system database has yet to contain this city.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the districts that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the districts. 4. The system displays all current districts on the system. 5. The admin chooses to add a new district. 6. The system displays a form to enter district data. 7. The admin enters the district data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all districts, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered district data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 6 - (UC - 6) Modify Districts

<b>Related Requirements:</b>	REQ2,REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Districts
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this district.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the districts that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the districts.</li> <li>4. The system displays all current districts on the system.</li> <li>5. The admin chooses to edit a specific district.</li> <li>6. The system displays a form to modify the current district data.</li> <li>7. The admin modifies the district data.</li> <li>8. The system checks the valid data entered on the server.</li> <li>9. The system inserts this data in DB.</li> <li>10. The system shows all districts, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>7. The admin-entered district data is not valid. <ol style="list-style-type: none"> <li>1- The system shows an error message, asking the admin to enter this data again.</li> <li>2- The admin enters the data again.</li> <li>3- The system checks the valid data entered on the server.</li> </ol> </li> </ol>

## Use Case 7 - (UC - 7) Display District

Related Requirements:	REQ2,REQ18,REQ16
Initiating Actor:	Admin
Actor's Goal:	To Display Districts
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
Postconditions:	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the districts.</li> <li>4. The system displays all current districts on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 8 - (UC - 8) Display Specific District

Related Requirements:	REQ2,REQ18,REQ16
Initiating Actor:	Admin
Actor's Goal:	To Display Specific District
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this district.</li> </ul>
Postconditions:	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the districts.</li> <li>4. The system displays all current districts on the system.</li> <li>5. The admin chooses to show a specific district.</li> <li>6. The system displays data for the selected districts.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 9 - (UC - 9) Add Majors

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New Majors
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database has yet to contain this major.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the majors that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the majors. 4. The system displays all current majors on the system. 5. The admin chooses to add a new major. 6. The system displays a form to enter major data. 7. The admin enters the major data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all majors, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered major data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 10 - (UC - 10) Display Specific Major

<b>Related Requirements:</b>	REQ18,REQ16,REQ10
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Specific Majors
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this major.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the majors.</li> <li>4. The system displays all current majors on the system.</li> <li>5. The admin chooses to show a specific major.</li> <li>6. The system displays data for the selected majors.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 11 - (UC - 11) Modify Majors

<b>Related Requirements:</b>	REQ18,REQ16,REQ10
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Majors
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this major.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the majors that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the majors. 4. The system displays all current majors. 5. The admin chooses to edit a specific major. 6. The system displays a form to modify the current major data. 7. The admin modifies the major data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all majors, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered major data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 12 - (UC - 12) Display Major

<b>Related Requirements:</b>	REQ10,REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Majors
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the majors.</li> <li>4. The system displays all current majors on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

### Use Case 13 - (UC - 13) Add Role

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New Roles
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database has yet to contain this role.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the roles that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the roles. 4. The system displays all current roles on the system. 5. The admin chooses to add a new role. 6. The system displays a form to enter role data. 7. The admin enters the role data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all roles, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered role data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 14 - (UC - 14) Display Role

<b>Related Requirements:</b>	REQ15,REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Roles
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the roles.</li> <li>4. The system displays all current roles on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 15 - (UC - 15) Display Specific Role

<b>Related Requirements:</b>	REQ18,REQ16,REQ15
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Specific Roles
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the roles.</li> <li>4. The system displays all current roles on the system.</li> <li>5. The admin chooses to show a specific role.</li> <li>6. The system displays data for the selected roles.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 16 - (UC - 16) Modify Roles

<b>Related Requirements:</b>	REQ18,REQ16,REQ15
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Roles
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this role.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the majors that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the roles. 4. The system displays all current roles. 5. The admin chooses to edit a specific role. 6. The system displays a form to modify the current role data. 7. The admin modifies the role data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all roles, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered role data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 17 - (UC - 17) Add Permissions

<b>Related Requirements:</b>	REQ18,REQ16,REQ11
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New Permissions
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> <li>The system database contains the role in which this permission will be included.</li> <li>The system database has yet to contain this permission.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the majors that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the permissions. 4. The system displays all current permissions on the system. 5. The admin chooses to add a new permission. 6. The system displays a form to enter permission data. 7. The admin enters the permission data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all majors, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered permission data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 18 - (UC - 18) Display Permissions

<b>Related Requirements:</b>	REQ18,REQ16,REQ11
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Permissions
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the permissions.</li> <li>4. The system displays all current permissions on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid.</li> </ol> <p>The system shows an error message (this data is invalid) and he/she can enter again.</p>

## Use Case 19 - (UC - 19) Modify Permissions

<b>Related Requirements:</b>	REQ18,REQ16,REQ11
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Permissions
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this permission.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the permissions that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the permissions. 4. The system displays all current permissions. 5. The admin chooses to edit a specific permission. 6. The system displays a form to modify the current permission data. 7. The admin modifies the permission data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all permissions, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered permission data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 20 - (UC - 20) Display Specific Permission

<b>Related Requirements:</b>	REQ18,REQ16,REQ11
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display Specific Permission
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this permission.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the permissions.</li> <li>4. The system displays all current permissions on the system.</li> <li>5. The admin chooses to show a specific permission.</li> <li>6. The system displays data for the selected permissions.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 21 - (UC - 21) Add Users

<b>Related Requirements:</b>	REQ18,REQ16,REQ11
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add New User
<b>Participating Actors:</b>	Services Provider and User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database has yet to contain this user.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the users that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the users. 4. The system displays all current users on the system. 5. The admin chooses to add a new user. 6. The system displays a form to enter user data. 7. The admin enters the user data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all users, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered user data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 22 - (UC - 22) Display All Users

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display All Users
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the users.</li> <li>4. The system displays all current users on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid.</li> </ol> <p>The system shows an error message (this data is invalid) and he/she can enter again.</p>

## Use Case 23 - (UC - 23) Modify User

<b>Related Requirements:</b>	REQ18,REQ16,REQ27
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify User
<b>Participating Actors:</b>	Services Provider and User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this user.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the users that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the users. 4. The system displays all current users. 5. The admin chooses to edit a specific user. 6. The system displays a form to modify the current user data. 7. The admin modifies the user data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all users, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered user data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 24 - (UC - 24) Display All Approval Requests

<b>Related Requirements:</b>	REQ18,REQ16,REQ27
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Display All Approval Requests
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of all requests.</li> <li>4. The system displays all current requests on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 25 - (UC - 25) Add Terms and Conditions

Related Requirements:	REQ18,REQ16
Initiating Actor:	Admin
Actor's Goal:	To Add New Terms and Conditions
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> <li>The system database has yet to contain these terms .</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the terms and conditions that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>The admin enters his data to log in.</li> <li>The system checks the valid data entered on the server.</li> <li>The admin chooses the tab of the terms and conditions.</li> <li>The system displays all current terms and conditions on the system.</li> <li>The admin chooses to add a new terms and conditions.</li> <li>The system displays a form to enter terms and conditions data.</li> <li>The admin enters the terms and conditions data.</li> <li>The system checks the valid data entered on the server.</li> <li>The system inserts this data in DB.</li> <li>The system shows all terms and conditions, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>The admin-entered data is not valid. The system shows an error message (this data is invalid)and he/she can enter again.</li> <li>The admin-entered terms and conditions data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.</li> </ol>

## Use Case 26 - (UC - 26) View Terms and Conditions

Related Requirements:	REQ48
Initiating Actor:	Admin,Users,Services Providers
Actor's Goal:	View Terms and Conditions
Participating Actors:	<ul style="list-style-type: none"> <li>A user must log in to the system.</li> </ul>
Preconditions:	
Postconditions:	

### Flow of Events for Main Success Scenario:

1. → 2. ←	<ol style="list-style-type: none"> <li>The user opens the system.</li> <li>The system displays all medical Advice on the system.</li> </ol>
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### Flow of Events for Extensions (Alternate Scenarios):

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## Use Case 27 - (UC - 27) Modify Terms and Conditions

<b>Related Requirements:</b>	REQ18,REQ16,REQ48
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify Terms and Conditions
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains these terms and conditions.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the terms and conditions that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the terms and conditions. 4. The system displays all current terms and conditions. 5. The admin chooses to edit a specific terms and condition. 6. The system displays a form to modify the current terms and condition data. 7. The admin modifies the terms and condition data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all terms and conditions, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered terms and condition data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 28- (UC - 28) Send (Contact Us) Message

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin, Users, Services Providers
<b>Actor's Goal:</b>	To Send (Contact Us) Message
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the messages that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The user enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the contact us. 4. The system displays all current contacts on the system. 5. The admin chooses to add a new message. 6. The system displays a form to enter contact us data. 7. The admin enters the Contact Us data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all contacts with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The user-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered contact us data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The user enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 29 - (UC - 29) Display list of Messages (Contact Us)

<b>Related Requirements:</b>	REQ18,REQ16,REQ43
<b>Initiating Actor:</b>	Admin, Users, Services Providers
<b>Actor's Goal:</b>	To Display All Message (Contact Us)
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains their message for contacting us</li> </ul>
<b>Postconditions:</b>	The system gets the user list of Messages from the database
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The user enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of Contact Us.</li> <li>4. The system displays all current Contact Us messages.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid)and he/she can enter again.</li> </ol>

## Use Case 30 - (UC - 30) View Specific (Contact Us) Messages

<b>Related Requirements:</b>	REQ18,REQ16,REQ43
<b>Initiating Actor:</b>	Admin, Users, Services Providers
<b>Actor's Goal:</b>	To Display Specific (Contact Us) Message
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains their message for contacting us</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ←	<ol style="list-style-type: none"> <li>1. The user enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The user chooses the tab of the Contact Us.</li> <li>4. The system displays all current Contact Us Messages on the system.</li> <li>5. The user chooses to show a specific message .</li> <li>6. The system displays data for the selected contact Us messages.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid)and he/she can enter again.</li> </ol>

## Use Case 31 - (UC - 31) Modify (Contact Us) Messages

<b>Related Requirements:</b>	REQ18
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify (Contact Us) Messages.
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains these messages.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the messages that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The admin enters his data to log in. 2. The system checks the valid data entered on the server. 3. The admin chooses the tab of the contact us. 4. The system displays all current contacts. 5. The admin chooses to edit a specific contact us. 6. The system displays a form to modify the current Contact Us data. 7. The admin modifies the contact us data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all contacts with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered contact us data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 32 - (UC - 32) Add Medical Advice "Blog"

Related Requirements:	REQ18,REQ16
Initiating Actor:	Admin
Actor's Goal:	To Add Medical Advice
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the medical advice that was previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>The admin enters his data to log in.</li> <li>The system checks the valid data entered on the server.</li> <li>The admin chooses the tab of the medical advice.</li> <li>The system displays all current medical advice on the system.</li> <li>The admin chooses to add new medical advice.</li> <li>The system displays a form to enter medical advice data.</li> <li>The admin enters the medical advice data.</li> <li>The system checks the valid data entered on the server.</li> <li>The system inserts this data in DB.</li> <li>The system shows all medical advice, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>The admin-entered medical advice data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.</li> </ol>

## Use Case 33 - (UC - 33) View Medical Advice

Related Requirements:	REQ50
Initiating Actor:	Admin, Users, Services Providers
Actor's Goal:	View Medical Advice
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>A user must log in to the system.</li> </ul>
Postconditions:	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ←	<ol style="list-style-type: none"> <li>The user opens the system.</li> <li>The system displays all medical Advice on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	

## Use Case 34 - (UC - 34) Modify Medical Advice

Related Requirements:	REQ18,REQ16,REQ52
Initiating Actor:	Admin
Actor's Goal:	To Modify Medical Advice
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> <li>The system database contains this medical advice.</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the medical advice that was previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>The admin enters his data to log in.</li> <li>The system checks the valid data entered on the server.</li> <li>The admin chooses the tab of the medical advice.</li> <li>The system displays all current medical advice.</li> <li>The admin chooses to edit specific medical advice.</li> <li>The system displays a form to modify the current medical advice data.</li> <li>The admin modifies the medical advice data.</li> <li>The system checks the valid data entered on the server.</li> <li>The system inserts this data in DB.</li> <li>The system shows all permissions, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>The admin-entered medical advice data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.</li> </ol>

## Use Case 35 - (UC - 35) Export App Structure Document

Related Requirements:	REQ56
Initiating Actor:	Admin, Users, Services Providers
Actor's Goal:	To Export How The System Works
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>A user must log in to the system.</li> <li>The user clicks a button to Export how the system works</li> </ul>
Postconditions:	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ←	<ol style="list-style-type: none"> <li>The user opens the system.</li> <li>The system displays all medical Advice on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	

## Use Case 36 - (UC - 36) Add App Structure Document

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Add an App Structure Document
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the medical advice that was previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the app structure.</li> <li>4. The system displays all current app structures on the system.</li> <li>5. The admin chooses to add a new app structure.</li> <li>6. The system displays a form to enter app structure data.</li> <li>7. The admin enters the app structure data.</li> <li>8. The system checks the valid data entered on the server.</li> <li>9. The system inserts this data in DB.</li> <li>10. The system shows all app structures, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>7. The admin-entered add a new app data is not valid. <ul style="list-style-type: none"> <li>1- The system shows an error message, asking the admin to enter this data again.</li> <li>2- The admin enters the data again.</li> <li>3- The system checks the valid data entered on the server.</li> </ul> </li> </ol>

## Use Case 37 - (UC - 37) Modify App Structure Document

<b>Related Requirements:</b>	REQ18,REQ16,REQ56
<b>Initiating Actor:</b>	Admin
<b>Actor's Goal:</b>	To Modify the App Structure Document
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains this app structure.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays all the app structures that were previously entered.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>1. The admin enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the app structure.</li> <li>4. The system displays all current app structures.</li> <li>5. The admin chooses to edit a specific app structure.</li> <li>6. The system displays a form to modify the current app structure data.</li> <li>7. The admin modifies the app structure data.</li> <li>8. The system checks the valid data entered on the server.</li> <li>9. the system inserts this data in DB.</li> <li>10. The system shows all app structures, with a success message.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid)and he/she can enter again.</li> <li>7. The admin-entered app structure data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.</li> </ol>

## Use Case 38 - (UC - 38) Display Profile

<b>Related Requirements:</b>	REQ18
<b>Initiating Actor:</b>	Admin, Users, Services Providers
<b>Actor's Goal:</b>	To Display Profile
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. ←	<ol style="list-style-type: none"> <li>1. The user enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The system displays my profile on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The Admin, Users, and Services Providers entered data is not valid. The system shows an error message (this data is invalid)and he/she can enter again.</li> </ol>

## Use Case 39 - (UC - 39) Modify Profile

Related Requirements:	REQ18,REQ16,REQ29
Initiating Actor:	Admin, Users, Services Providers
Actor's Goal:	To Modify Profile
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>• The system verifies the entered data and then inserts it into the database.</li> <li>• The system displays the profile after it has been modified.</li> </ul>

### Flow of Events for Main Success Scenario:

1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	<ol style="list-style-type: none"> <li>1. The user enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The user chooses the tab of the profile.</li> <li>4. The system displays my profile.</li> <li>5. The user chooses to edit.</li> <li>6. The system displays a form to modify the current profile data.</li> <li>7. The user modifies the profile data.</li> <li>8. The system checks the valid data entered on the server.</li> <li>9. The system inserts this data in DB.</li> <li>10. The system shows the profile, with a success message.</li> </ol>
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### Flow of Events for Extensions (Alternate Scenarios):

← → ← → ←	<ol style="list-style-type: none"> <li>1. The user-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>7. The admin-entered profile data is not valid. <ul style="list-style-type: none"> <li>1- The system shows an error message, asking them to enter this data again.</li> <li>2- They enter the data again.</li> <li>3- The system checks the valid data entered on the server.</li> </ul> </li> </ol>
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## Use Case 40 - (UC - 40) Send requests to access user profiles

<b>Related Requirements:</b>	REQ18,REQ16,REQ34
<b>Initiating Actor:</b>	Service Providers, Admin
<b>Actor's Goal:</b>	To that the service provider can see the user's medical file.
<b>Participating Actors:</b>	User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry service providers must be logged into the system beforehand.</li> <li>• The user must have previously booked an appointment with the service provider.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The user accepts the presentation of his medical file to the service provider.</li> <li>• The user's medical file appears to the service provider.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. →	<ol style="list-style-type: none"> <li>1. The service provider logs in to the system.</li> <li>2. The service provider enters his reservations page.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data. The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>2. The Service Provider verifies the validity of the data and re-enters. 1- The user sees that this is not the service provider he is following up with.</li> </ol>

## Use Case 41 - (UC - 41) Add Medical History

<b>Related Requirements:</b>	REQ18,REQ16,REQ22
<b>Initiating Actor:</b>	Service Providers, Admin, User
<b>Actor's Goal:</b>	To Add Medical History
<b>Participating Actors:</b>	User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry user must be logged into the system beforehand.</li> <li>The data logger must be authorized for this role.</li> <li>The user must be authorized to access the user profile.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The system verifies the entered data and then inserts it into the database.</li> <li>The system displays all the medical history that was previously entered.</li> </ul>

### Flow of Events for Main Success Scenario:

1. → 2. ← 3. → 4. ← 5. → 6. → 7. ← 8. → 9. ← 10. ← 11. ←	<ol style="list-style-type: none"> <li>The admin enters his data to log in.</li> <li>The system checks the valid data entered on the server.</li> <li>The admin chooses the tab of the patients.</li> <li>The system displays all current patients on the system.</li> <li>The admin chooses to assess the patient profile.</li> <li>The admin chooses to add a new medical history.</li> <li>The system displays a form to enter medical history data.</li> <li>The admin enters the medical history data.</li> <li>The system checks the valid data entered on the server.</li> <li>The system inserts this data in DB.</li> <li>The system shows all medical advice, with a success message.</li> </ol>
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### Flow of Events for Extensions (Alternate Scenarios):

← ← → ← → ←	<ol style="list-style-type: none"> <li>The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> <li>The service provider selects a patient file that he does not have access to 1- The system displays an error message asking him to send a request to the user to open his profile again.</li> <li>The admin or service provider-entered medical history data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.</li> </ol>
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## Use Case 42 - (UC - 42) Export Medical History

<b>Related Requirements:</b>	REQ18,REQ16,REQ36
<b>Initiating Actor:</b>	Service Providers, Admin, User
<b>Actor's Goal:</b>	To Add Medical History
<b>Participating Actors:</b>	User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry service providers must be logged into the system beforehand.</li> <li>• The user must have previously booked an appointment with the service provider.</li> <li>• The provider must have access to the patient's file in advance.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The user accepts the presentation of his medical file to the service provider.</li> <li>• The user's medical file appears to the service provider.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. → 5. →	1. The service provider logs into the system. 2. The system verifies the correct data entered on the server. 3. The service provider accesses his patient page. 4. The service provider selects the user's medical file. 5. The service provider chooses to export medical history
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	1. The user logs into the system with incorrect data. The system sends an error message, telling him to enter the data correctly or to register again. 3. The service provider accesses the patient page. 1- The system sends an error message telling it that it does not have access to this profile.

## Use Case 43 - (UC - 43) Modify Medical History

<b>Related Requirements:</b>	REQ18,REQ16
<b>Initiating Actor:</b>	Service Providers, Admin, User
<b>Actor's Goal:</b>	To Modify Medical History
<b>Participating Actors:</b>	User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry service providers must be logged into the system beforehand.</li> <li>The user must have previously booked an appointment with the service provider.</li> <li>The provider must have access to the patient's file in advance.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The user accepts the presentation of his medical file to the service provider.</li> <li>The user's medical file appears to the service provider</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ← 5. → 6. ← 7. → 8. ← 9. ← 10. ←	1. The user enters his data to log in. 2. The system checks the valid data entered on the server. 3. The user chooses the tab of the profile. 4. The system displays my profile. 5. The user chooses to edit medical history. 6. The system displays a form to modify the current medical data. 7. The user modifies the medical data. 8. The system checks the valid data entered on the server. 9. The system inserts this data in DB. 10. The system shows all medical histories, with a success message.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ← → ←	1. The user-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again. 7. The admin-entered profile data is not valid. 1- The system shows an error message, asking the admin to enter this data again. 2- The admin enters the data again. 3- The system checks the valid data entered on the server.

## Use Case 44 - (UC - 44) Search For a Service Provider

<b>Related Requirements:</b>	REQ8,REQ39
<b>Initiating Actor:</b>	User, Admin
<b>Actor's Goal:</b>	To search for the specialty of the service providers he wants
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be opened on the system.</li> <li>• The service provider's data must be registered in the system's database.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system confirms the existence of the service provider searched by the user.</li> <li>• The system displays the service providers you are searching for.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. →	<ol style="list-style-type: none"> <li>1. The user operates the system.</li> <li>2. The user searches for the service provider</li> <li>3. The system verifies the existence of the service provider that was searched for.</li> <li>4. The system displays the service providers that were searched for by the user.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The system did not find the service provider you were searching for.             <ol style="list-style-type: none"> <li>1- The system sends a message to the user that this service provider does not exist.</li> <li>2- The user searches for another service provider.</li> </ol> </li> </ol>

## Use Case 45 - (UC - 45) Add Rating

<b>Related Requirements:</b>	REQ18,REQ16,REQ42
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To The User Adds a Rating to the Service Provider
<b>Participating Actors:</b>	Service Providers
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user must open the service provider's profile.</li> <li>• The user must have booked an appointment before with this service provider.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system will record this evaluation in the database.</li> <li>• The system will display this evaluation on the service provider's page</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. → 5. →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user opens the service provider's page.</li> <li>3. The user created a rating for the service provider.</li> <li>4. The system records this evaluation on the database.</li> <li>5. Display the evaluation system on the service provider's page.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← ← →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.             <ol style="list-style-type: none"> <li>1- The system sends an error message, telling him to enter the data correctly or to register again</li> <li>2- The user verifies the validity of the data and re-enters</li> </ol> </li> </ol>

## Use Case 46 - (UC - 46) Show Rating

Related Requirements:	REQ 37, REQ 39
Initiating Actor:	User, Admin, Service Providers
Actor's Goal:	To Make everyone see ratings on service providers
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>• People enter the service provider's page.</li> </ul>
Postconditions:	<ol style="list-style-type: none"> <li>1. Shows people's ratings.</li> </ol>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The person opens the system.</li> <li>2. People enter the service provider's page.</li> <li>3. People opened the ratings list</li> <li>4. The system displays ratings to people.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>4. The system does not find ratings to display to people.</li> </ol> <p>1-The system displays people a message that there are no ratings yet.</p>

## Use Case 47 - (UC - 47) Add Comments

Related Requirements:	REQ18,REQ16,REQ43
Initiating Actor:	User
Actor's Goal:	To Make the User Add a Comment about the Service Provider
Participating Actors:	Services Providers
Preconditions:	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user must open the service provider's profile.</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>• The system will record this comment in the database.</li> <li>• The system will display this comment on the service provider's page</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1.→ 2.→ 3.→ 4.→ 5.→	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user opens the service provider's page.</li> <li>3. The user writes the comment.</li> <li>4. The system records this comment on the database.</li> <li>5. The system displays comments on the service provider's page.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> </ol> <p>1- The system sends an error message, telling him to enter the data correctly or to register again</p> <p>2- The user verifies the validity of the data and re-enters.</p>

## Use Case 48 - (UC - 48) Show Comments

Related Requirements:	REQ 43, REQ38 REQ39
Initiating Actor:	User, Admin, Service Providers
Actor's Goal:	To Make everyone see comments on service providers
Participating Actors:	
Preconditions:	<ul style="list-style-type: none"> <li>• People enter the service provider's page.</li> </ul>
Postconditions:	<ol style="list-style-type: none"> <li>2. Shows people's comments.</li> </ol>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. ←	<ol style="list-style-type: none"> <li>5. The person opens the system.</li> <li>6. People enter the service provider's page.</li> <li>7. People opened the comments list.</li> <li>8. The system displays comments to people.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>4. The system does not find comments to display to people.</li> </ol> <p>1-The system displays people a message that there are no comments yet.</p>

## Use Case 49 - (UC - 49) Display My Favorite Service Providers

Related Requirements:	REQ18,REQ16,REQ40
Initiating Actor:	User
Actor's Goal:	To make the user view the service providers who are in his favorites
Participating Actors:	Services Providers
Preconditions:	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> </ul>
Postconditions:	<ul style="list-style-type: none"> <li>• The system takes the user's favorite service providers from the database.</li> <li>• The system displays favorites in the user's favorites list</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1.→ 2.→ 3.→ 4.→	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user opens his favorites list..</li> <li>3. The system takes the user's favorite service providers from the database.</li> <li>4. The system displays favorites in the user's favorites list.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ←	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> </ol> <p>1- The system sends an error message, telling him to enter the data correctly or to register again</p> <p>2- The user verifies the validity of the data and re-enters.</p> <ol style="list-style-type: none"> <li>2. The system displays favorites in the user's favorites list.</li> </ol> <p>1- The system sends a message that you do not have any service providers in your favorites list.</p>

## Use Case 50 - (UC - 50) Add Service Providers To My Favorite List

<b>Related Requirements:</b>	REQ18,REQ16,REQ39,REQ40
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To make the user put the service providers in the favorites
<b>Participating Actors:</b>	Service Provider
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user must open the service provider's profile</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system records these preferences in the database</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user opens the service provider's page.</li> <li>3. The user places this service provider in the favorites list.</li> <li>4. The system records these preferences in the database.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>1- The system sends an error message, telling him to enter the data correctly or to register again</li> <li>2- The user verifies the validity of the data and re-enters.</li> </ol>

## Use Case 51 - (UC - 51) Remove service providers to my favorite list

<b>Related Requirements:</b>	REQ18,REQ16,REQ40,REQ41
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To make the user remove service providers from the favorites list
<b>Participating Actors:</b>	Service Provider
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user opens the favorites list</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system removes this service provider from the favorites list in the database</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user opens the favorites list.</li> <li>3. The user removes the service provider from the favorites list.</li> <li>4. The system removes this service provider from the favorites list in the database.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>1- The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>2- The user verifies the validity of the data and re-enters</li> <li>2. The system displays favorites in the user's favorites list.</li> <li>1- The system sends a message that you do not have any service providers in your favorites list.</li> </ol>

## Use Case 52 - (UC - 52) Book an appointment

<b>Related Requirements:</b>	REQ18,REQ16,REQ30
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To The user makes an appointment with the service provider
<b>Participating Actors:</b>	Service Provider
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user must open the service provider's profile.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system takes the data for this reservation and displays it in the profile.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. → 5. ←	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user chooses the service provider he wants.</li> <li>3. The user chooses the appropriate date for him.</li> <li>4. The user chooses the payment method that suits him.</li> <li>5. The system takes the data for this reservation and displays it in the profile.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data. 1- The system sends an error message, telling him to enter the data correctly or to register again. 2- The user verifies the validity of the data and re-enters.</li> </ol>

## Use Case 53 - (UC - 53) Ordering Via Prescription

<b>Related Requirements:</b>	REQ18,REQ16,REQ57
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To The user makes a prescription request through the system
<b>Participating Actors:</b>	Services Providers
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must be logged in to the system.</li> <li>• The user enters the prescription request page.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The system sends the prescription to the user.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The user logs in to the system.</li> <li>2. The user enters the prescription request page.</li> <li>3. The user requests the prescription from the system.</li> <li>4. The system sends prescription advice to the user.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → ←	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data. 1-The system sends an error message, telling him to enter the data correctly or to register again. 2- The user verifies the validity of the data and re-enters. 4. The system did not find the prescription for the advice requested by the user. The system sends an error message, Sorry we did not find the prescription required for this advice</li> </ol>

## Use Case 54 - (UC - 54) Add Schedule

<b>Related Requirements:</b>	REQ18,REQ16,REQ29
<b>Initiating Actor:</b>	Service Providers, Admin
<b>Actor's Goal:</b>	To It causes the service provider to add a schedule to the system
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The data entry Service Providers must be logged into the system beforehand.</li> <li>Enter the appointment date.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>Administrator acceptance, insert appointment schedule.</li> <li>The system registers the appointment schedule in a database.</li> <li>The system displays the appointment schedule on the service provider's page.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. → 5. ← 6. ←	1. The Service Providers log in to the system. 2. The service provider enters his page. 3. The service provider lists the appointment schedule. 4. The Admin accepts the appointment schedule entered by the service provider. 5. The system registers the appointment schedule in a database. 6. The system displays the appointment schedule on the service provider's page.
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → → ←	1. The user logs into the system with incorrect data. 1- The system sends an error message, telling him to enter the data correctly or to register again. 2- The Service Provider verifies the validity of the data and re-enters. 4. The Admin finds that the appointments must be updated or corrected. 1- The Admin does not accept the appointment schedule. 2- Send a message to the service provider that the data table is inaccurate, and re-enter the appointment schedule again correctly.

## Use Case 55 - (UC - 55) Modify Schedule

<b>Related Requirements:</b>	REQ18,REQ16,REQ33
<b>Initiating Actor:</b>	Service Providers, Admin
<b>Actor's Goal:</b>	To have the service provider modify the appointment schedule
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry Service Providers must be logged into the system beforehand.</li> <li>• Modify the appointment schedule.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The Admin accepts the modification of the appointment schedule.</li> <li>• The system modifies the appointment schedule within the database</li> <li>• The system displays the new appointment schedule on the service provider's page.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. → 5. ← 6. ←	<ol style="list-style-type: none"> <li>1. The Service Providers log in to the system.</li> <li>2. The service provider enters his page.</li> <li>3. The service provider adjusts the appointment schedule.</li> <li>4. The Admin accepts the new appointment schedule entered by the service provider.</li> <li>5. The system registers the new appointment schedule in a database.</li> <li>6. The system displays the new appointment schedule on the service provider's page.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← → → ←	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data.</li> <li>1- The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>2- The Service Provider verifies the validity of the data and re-enters.</li> <li>4. The Admin finds that the appointments must be updated or corrected.</li> <li>1- The Admin does not accept the appointment schedule.</li> <li>2- Send a message to the service provider that the data table is inaccurate, and re-enter the appointment schedule again correctly.</li> </ol>

## Use Case 56 - (UC - 56) Chatting

<b>Related Requirements:</b>	REQ18,REQ16,REQ54
<b>Initiating Actor:</b>	User, Admin, Service Providers
<b>Actor's Goal:</b>	To make the user communicate with the service provider via chat
<b>Participating Actors:</b>	User, Admin, Service Providers
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The user must log in.</li> <li>• The service provider must log in.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• Messages are sent between the two parties.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. → 5. →	<ol style="list-style-type: none"> <li>1. The User and Service Providers log in to the system.</li> <li>2. The user enters the service provider's page.</li> <li>3. The user sent him a message.</li> <li>4. The service provider displays the messages sent to it.</li> <li>5. The service provider responds to messages coming from users.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← →	<ol style="list-style-type: none"> <li>1. The user and Service Providers log into the system with incorrect data.</li> <li>1-The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>2-The Service Provider and user verify the validity of the data and re-enter.</li> </ol>

## Use Case 57 - (UC - 57) Pay Online

<b>Related Requirements:</b>	REQ 55
<b>Initiating Actor:</b>	User
<b>Actor's Goal:</b>	To have the service provider modify the appointment schedule
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry User must be logged into the system beforehand.</li> <li>• The user has booked an appointment with the service provider.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The customer will pay for the service online.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. →	<ol style="list-style-type: none"> <li>1. The User logs in to the system.</li> <li>2. The user enters the service provider's page.</li> <li>3. The user books an appointment with the service provider.</li> <li>4. The user chooses the payment method through online payment.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data.</li> <li>1-The system sends an error message, telling him to enter the data correctly or to register again.</li> </ol>

## Use Case 58 - (UC - 58) Display Appointments History

<b>Related Requirements:</b>	REQ18, REQ16, REQ30, REQ33
<b>Initiating Actor:</b>	User, Service Providers, Admin
<b>Actor's Goal:</b>	To Display Appointments History
<b>Participating Actors:</b>	Service Providers, User
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry user must be logged into the system beforehand.</li> <li>• The data logger must be authorized for this role.</li> <li>• The system database contains a record of this appointment.</li> </ul>
<b>Postconditions:</b>	
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. ← 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The user enters his data to log in.</li> <li>2. The system checks the valid data entered on the server.</li> <li>3. The admin chooses the tab of the Appointments.</li> <li>4. The system displays all current Appointments on the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>1. The admin-entered data is not valid. The system shows an error message (this data is invalid) and he/she can enter again.</li> </ol>

## Use Case 59 - (UC - 59) Display Service Providers Schedule

<b>Related Requirements:</b>	REQ39, REQ32, REQ33
<b>Initiating Actor:</b>	User, Admin, Service Providers
<b>Actor's Goal:</b>	To display the appointment schedule for people
<b>Participating Actors:</b>	Service Providers
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• People enter the service provider's page.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The service provider's appointment schedule appears.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. → 4. ←	<ol style="list-style-type: none"> <li>1. The person opens the system.</li> <li>2. People enter the service provider's page.</li> <li>3. People opened appointments.</li> <li>4. The system displays the appointment schedule for people</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>4. The system did not find a schedule to display 1- The appointment schedule has yet to be added.</li> </ol>

## Use Case 60 - (UC - 60) Display All Requests To Access Profile

<b>Related Requirements:</b>	REQ16, REQ18, REQ22, REQ23,REQ24
<b>Initiating Actor:</b>	User, Admin
<b>Actor's Goal:</b>	To The user is presented with all requests to access the profile from the service providers
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry User must be logged into the system beforehand.</li> <li>• The service provider submits a request to access the user's profile.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The user is shown the service providers who have submitted a request to access his personal page.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. ←	<ol style="list-style-type: none"> <li>1. The User logs in to the system.</li> <li>2. The user enters the list of requests submitted by service providers to access his page.</li> <li>3. The system displays a list of requests submitted to it by service providers.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← ←	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data.</li> <li>1-The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>3. The system did not find requests submitted by service providers.</li> <li>1- The system sends a message: There are no available orders.</li> </ol>

## Use Case 61 - (UC - 61) Modify all requests to access

<b>Related Requirements:</b>	REQ16, REQ18, REQ22, REQ23, REQ24
<b>Initiating Actor:</b>	User, Admin
<b>Actor's Goal:</b>	The user makes amendments to the requests submitted to him by service providers to access his page by accepting or rejecting them.
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• The data entry User must be logged into the system beforehand.</li> <li>• The service provider submits a request to access the user's profile.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• The user amends the requests submitted to him by service providers to enter his page by accepting or rejecting.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. ← 4. →	<ol style="list-style-type: none"> <li>1. The User logs in to the system.</li> <li>2. The user enters the list of requests submitted by service providers to access his page.</li> <li>3. The system displays a list of requests submitted to it by service providers.</li> <li>4. The user accepts or rejects the submitted requests.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
← ←	<ol style="list-style-type: none"> <li>1. The user logs into the system with incorrect data.</li> <li>1-The system sends an error message, telling him to enter the data correctly or to register again.</li> <li>3. The system did not find requests submitted by service providers.</li> <li>1- The system sends a message: There are no available orders.</li> </ol>

## Use Case 62 - (UC - 62) Register

<b>Related Requirements:</b>	REQ10, REQ13, REQ16, REQ17, REQ 25,
<b>Initiating Actor:</b>	User, Service Providers
<b>Actor's Goal:</b>	To make the user and the service provider register on the system
<b>Participating Actors:</b>	Admin
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>The user and the service provider must enter the data required to register.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>The Admin accepts registration requests from service providers.</li> <li>Users and service providers are registered on the system.</li> </ul>

### Flow of Events for Main Success Scenario:

1. → 2. → 3. → 4. →	<ol style="list-style-type: none"> <li>The user and service providers open the system.</li> <li>The user and service providers enter the necessary data for registration.</li> <li>The administrator reviews registration requests on the system submitted by users and service providers.</li> <li>The administrator accepts these requests after review</li> </ol>
------------------------------	--

### Flow of Events for Extensions (Alternate Scenarios):

←	<ol style="list-style-type: none"> <li>The admin rejects the registration request due to a data error. 1- The system sends an error message. There is incomplete data or error data. Please complete the health data to register on the system.</li> </ol>
---	--

## Use Case 63 - (UC - 63) Login

<b>Related Requirements:</b>	REQ17, REQ27
<b>Initiating Actor:</b>	User, Admin, Service Providers
<b>Actor's Goal:</b>	To make the user, service provider, and administrator log in to the system.
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>Registration must be done by the user and the service provider.</li> <li>The data must be reviewed by an administrator.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>Login for the user, service provider, and system administrator.</li> </ul>

### Flow of Events for Main Success Scenario:

1. → 2. → 3. →	<ol style="list-style-type: none"> <li>People opened the system.</li> <li>Registering people on the system.</li> <li>People log in to the system.</li> </ol>
----------------------	--

### Flow of Events for Extensions (Alternate Scenarios):

← ←	<ol style="list-style-type: none"> <li>The admin rejects the registration request due to a data error. 1- The system sends an error message. There is incomplete data or error data. Please complete the health data to register on the system.</li> <li>The user, service provider, and admin could not log in. 1- The system sends an error message. Please review your username and password and log in again.</li> </ol>
--------	--

## Use Case 64 - (UC - 64) Log out

<b>Related Requirements:</b>	REQ18, REQ19
<b>Initiating Actor:</b>	User, Admin , Service Providers
<b>Actor's Goal:</b>	To make the user, service provider, and administrator log out to the system.
<b>Participating Actors:</b>	
<b>Preconditions:</b>	<ul style="list-style-type: none"> <li>• Login for the user, service provider, and system administrator.</li> </ul>
<b>Postconditions:</b>	<ul style="list-style-type: none"> <li>• Logout for the user, service provider, and system administrator.</li> </ul>
<b>Flow of Events for Main Success Scenario:</b>	
1. → 2. → 3. →	<ol style="list-style-type: none"> <li>1. People opened the system.</li> <li>2. People log in to the system.</li> <li>3. People log out to the system.</li> </ol>
<b>Flow of Events for Extensions (Alternate Scenarios):</b>	
←	<ol style="list-style-type: none"> <li>2. The user, service provider and admin could not log in. 1- The system sends an error message. Please review your username and password and log in again.</li> </ol>

## 1.8 Traceability matrix

REQ	Pw	UC-1	UC-2	UC-3	UC-4	UC-5	UC-6	UC-7	UC-8	UC-9	UC-10
REQ-1	5										
REQ-2	5		X	X		X	X	X	X		
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5										
REQ-9	5										
REQ-10	5										
REQ-11	5										X
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5										
REQ-16	5	X	X	X	X	X	X	X	X	X	X
REQ-17	5										
REQ-18	5	X	X	X	X	X	X	X	X	X	X
REQ-19	5										
Max PW		5	5	5	5	5	5	5	5	5	5
Total PW		10	15	15	10	15	15	15	15	10	15

REQ	Pw	UC-11	UC-12	UC-13	UC-14	UC-15	UC-16	UC-17	UC-18	UC-19	UC-20
REQ-1	5										
REQ-2	5										
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5										
REQ-9	5										
REQ-10	5	X	X								
REQ-11	5							X	X	X	X
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5					X	X	X			
REQ-16	5	X	X	X	X	X	X	X	X	X	X
REQ-17	5										
REQ-18	5	X	X	X	X	X	X	X	X	X	X
REQ-19	5										
Max PW		5	5	5	5	5	5	5	5	5	5
Total PW		15	15	10	15	15	15	15	15	15	15

REQ	Pw	UC-21	UC-22	UC-23	UC-24	UC-25	UC-26	UC-27	UC-28	UC-29	UC-30
REQ-1	5										
REQ-2	5										
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5										
REQ-9	5										
REQ-10	5										
REQ-11	5	X									
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5										
REQ-16	5	X	X	X	X	X		X	X	X	X
REQ-17	5										
REQ-18	5	X	X	X	X	X		X	X	X	X
REQ-19	5										
REQ-20	5										
REQ-21	5										
REQ-22	5										
REQ-23	5										
REQ-24	5										
REQ-25	5										
REQ-26	5										
REQ-27	4				X	X					

REQ-28	4										
REQ-29	4										
REQ-30	3										
REQ-31	3										
REQ-32	3										
REQ-33	3										
REQ-34	3										
REQ-35	3										
REQ-36	3										
REQ-37	3										
REQ-38	3										
REQ-39	3										
REQ-40	2										
REQ-41	2										
REQ-42	2										
REQ-43	2										
REQ-44	2										
REQ-45	2										
REQ-46	2										
REQ-47	2										
REQ-48	2								x	x	
REQ-49	2										
REQ-50	2										
Max PW	5	5	5	5	5	5	2	5	5	5	5
Total PW		15	10	14	14	10	2	12	10	12	12

REQ	Pw	UC-31	UC-32	UC-33	UC-34	UC-35	UC-36	UC-37	UC-38	UC-39	UC-40
REQ-1	5										
REQ-2	5										
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5										
REQ-9	5										
REQ-10	5										
REQ-11	5										
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5										
REQ-16	5		X		X		X	X		X	X
REQ-17	5										
REQ-18	5	X	X		X		X	X	X	X	X
REQ-19	5										
REQ-20	5										
REQ-21	5										
REQ-22	5										
REQ-23	5										
REQ-24	5										
REQ-25	5										
REQ-26	5										
REQ-27	4										
REQ-28	4										

REQ-29	4									x	
REQ-30	3										
REQ-31	3										
REQ-32	3										
REQ-33	3										
REQ-34	3										x
REQ-35	3										
REQ-36	3										
REQ-37	3										
REQ-38	3										
REQ-39	3										
REQ-40	2										
REQ-41	2										
REQ-42	2										
REQ-43	2										
REQ-44	2										
REQ-45	2										
REQ-46	2										
REQ-47	2										
REQ-48	2										
REQ-49	2										
REQ-50	2				x						
REQ-51	1										
REQ-52	1					x					
REQ-53	1										
REQ-54	1										
REQ-55	1										
REQ-56	1						x		x		
REQ-57	1										
REQ-58	1										
REQ-59	1										

REQ-60	1										
REQ-61	1										
REQ-62	1										
Max PW		5	5	2	5	1	5	5	5	5	5
Total PW		5	10	2	11	1	10	11	5	14	13

REQ	Pw	UC-41	UC-42	UC-43	UC-44	UC-45	UC-46	UC-47	UC-48	UC-49	UC-50
REQ-1	5										
REQ-2	5										
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5					x					
REQ-9	5										
REQ-10	5										
REQ-11	5										
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5										
REQ-16	5	x	x	x		x		x		x	x
REQ-17	5										
REQ-18	5	x	x	x		x		x		x	x
REQ-19	5										
REQ-20	5										

REQ-21	5										
REQ-22	5	x									
REQ-23	5										
REQ-24	5										
REQ-25	5										
REQ-26	5										
REQ-27	4										
REQ-28	4										
REQ-29	4										
REQ-30	3										
REQ-31	3										
REQ-32	3										
REQ-33	3										
REQ-34	3										
REQ-35	3										
REQ-36	3		x								
REQ-37	3						x				
REQ-38	3								x		
REQ-39	3				x		x		x		x
REQ-40	2									x	x
REQ-41	2										
REQ-42	2					x					
REQ-43	2							x	x		
REQ-44	2										
Max PW		5	5	5	5	5	3	5	3	5	5
Total PW		15	13	10	8	12	6	12	8	12	15

REQ	Pw	UC-51	UC-52	UC-53	UC-54	UC-55	UC-56	UC-57	UC-58	UC-59	UC-60
REQ-1	5										
REQ-2	5										
REQ-3	5										
REQ-4	5										
REQ-5	5										
REQ-6	5										
REQ-7	5										
REQ-8	5										
REQ-9	5										
REQ-10	5										
REQ-11	5										
REQ-12	5										
REQ-13	5										
REQ-14	5										
REQ-15	5										
REQ-16	5	X	X	X	X	X	X		X		X
REQ-17	5										
REQ-18	5	X	X	X	X	X	X		X		X
REQ-19	5										
REQ-20	5										
REQ-21	5										
REQ-22	5										X
REQ-23	5										X
REQ-24	5										X
REQ-25	5										
REQ-26	5										
REQ-27	4										
REQ-28	4										

REQ-29	4				x						
REQ-30	3		x						x		
REQ-31	3										
REQ-32	3									x	
REQ-33	3					x			x	x	
REQ-34	3										
REQ-35	3										
REQ-36	3										
REQ-37	3										
REQ-38	3										
REQ-39	3									x	
REQ-40	2	x									
REQ-41	2	x									
REQ-42	2										
REQ-43	2										
REQ-44	2										
REQ-45	2										
REQ-46	2										
REQ-47	2										
REQ-48	2										
REQ-49	2										
REQ-50	2										
REQ-51	1										
REQ-52	1										
REQ-53	1										
REQ-54	1						x				
REQ-55	1							x			
REQ-56	1										
REQ-57	1		x								
REQ-58	1										
REQ-59	1										

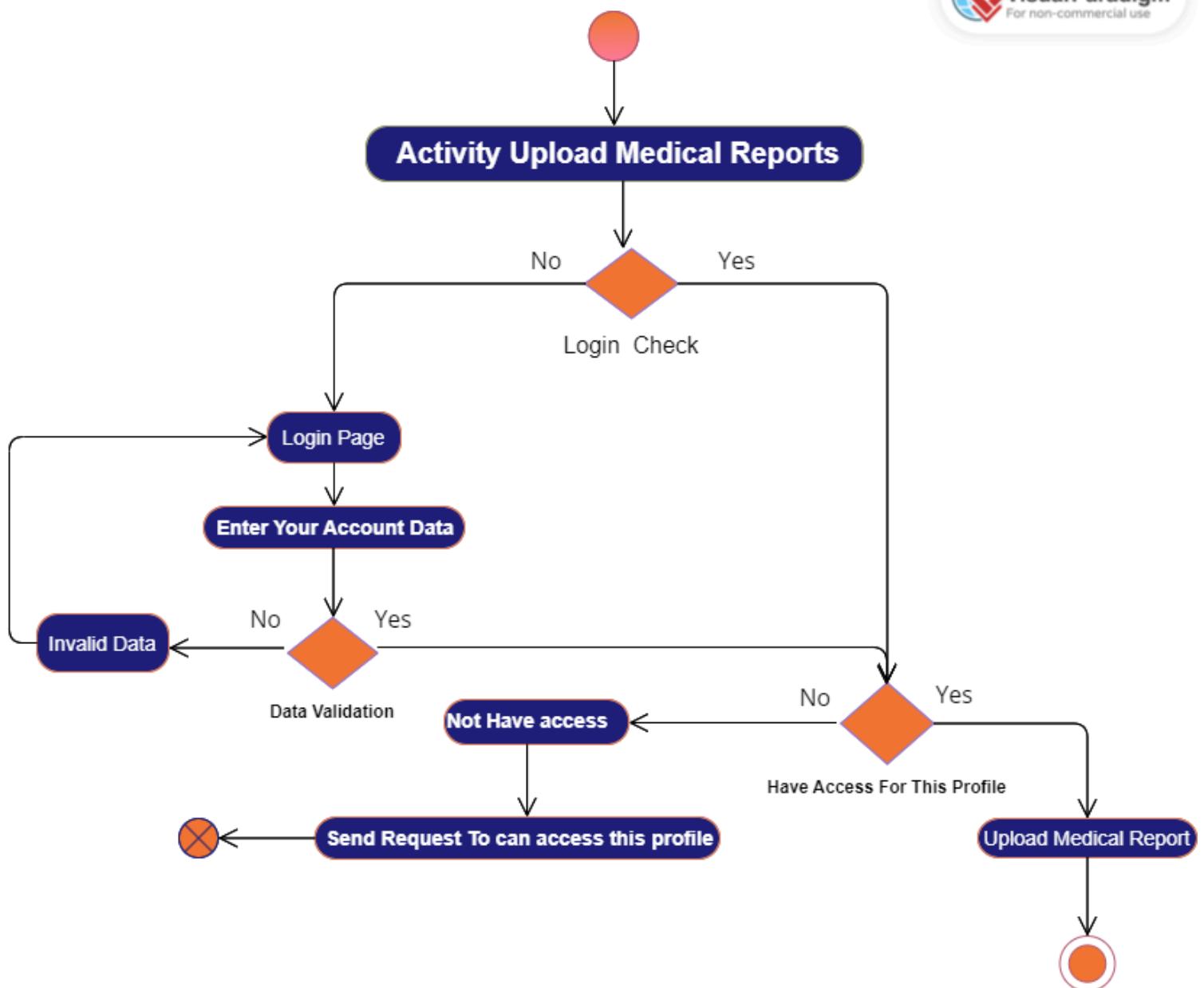
REQ-60	1										
REQ-61	1										
REQ-62	1										
Max PW		5	5	5	5	5	5	1	5	3	3
Total PW		14	13	11	14	13	11	1	16	9	25

REQ	Pw	UC-61	UC-62	UC-63	UC-64
REQ-1	5				
REQ-2	5				
REQ-3	5				
REQ-4	5				
REQ-5	5				
REQ-6	5				
REQ-7	5				
REQ-8	5				
REQ-9	5				
REQ-10	5		X		
REQ-11	5				
REQ-12	5				
REQ-13	5		X		
REQ-14	5				
REQ-15	5				
REQ-16	5	X	X		
REQ-17	5		X	X	
REQ-18	5	X			X
REQ-19	5				X
REQ-20	5				
REQ-21	5				

REQ-22	5	x			
REQ-23	5	x			
REQ-24	5	x			
REQ-25	5		x		
REQ-26	5				
REQ-27	4			x	
REQ-28	4				
Max PW		5	5	5	5
Total PW		25	25	9	10

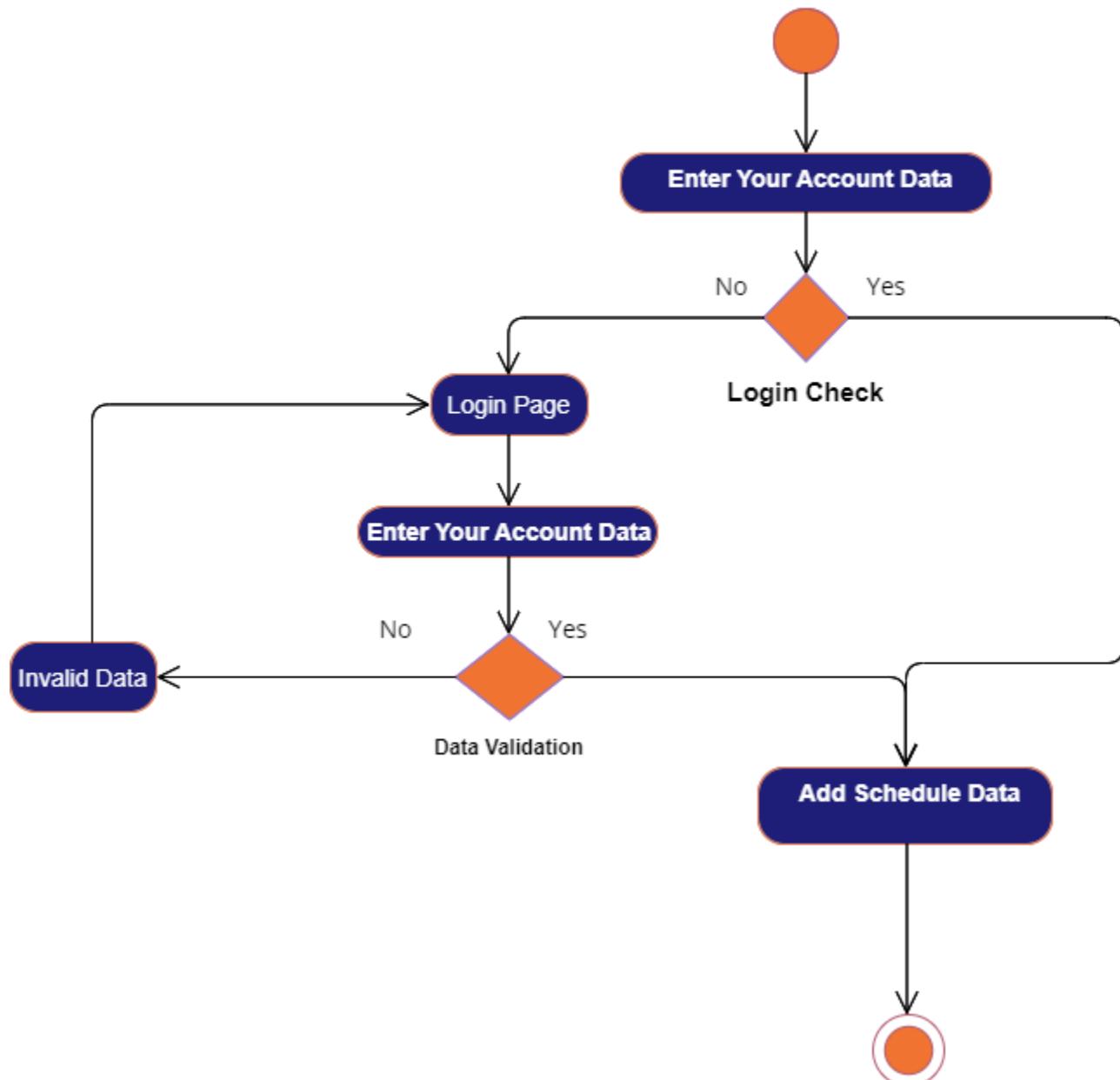
## 1.9 Activity Diagrams

## Upload Medical Reports



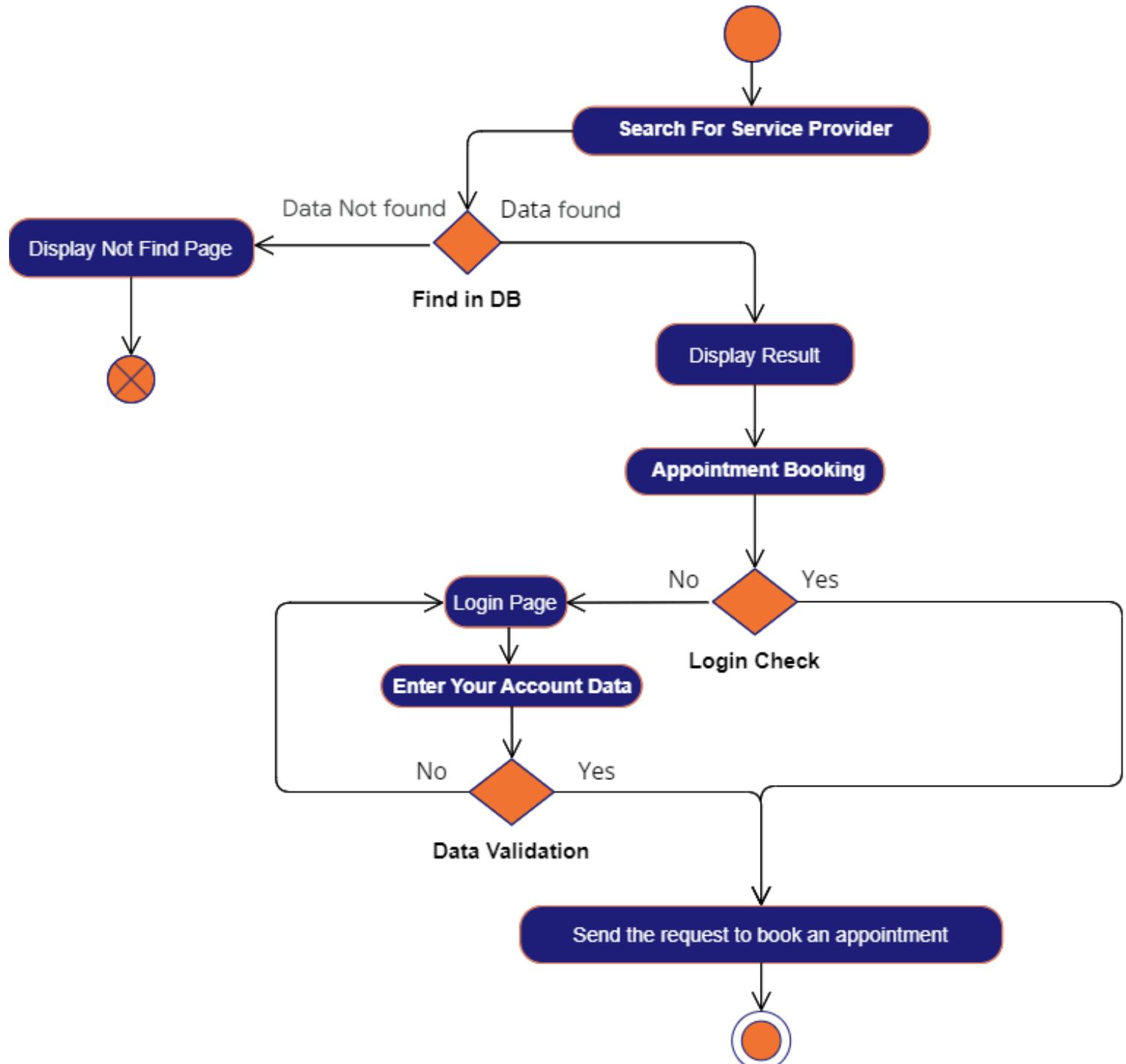
## Scheduling

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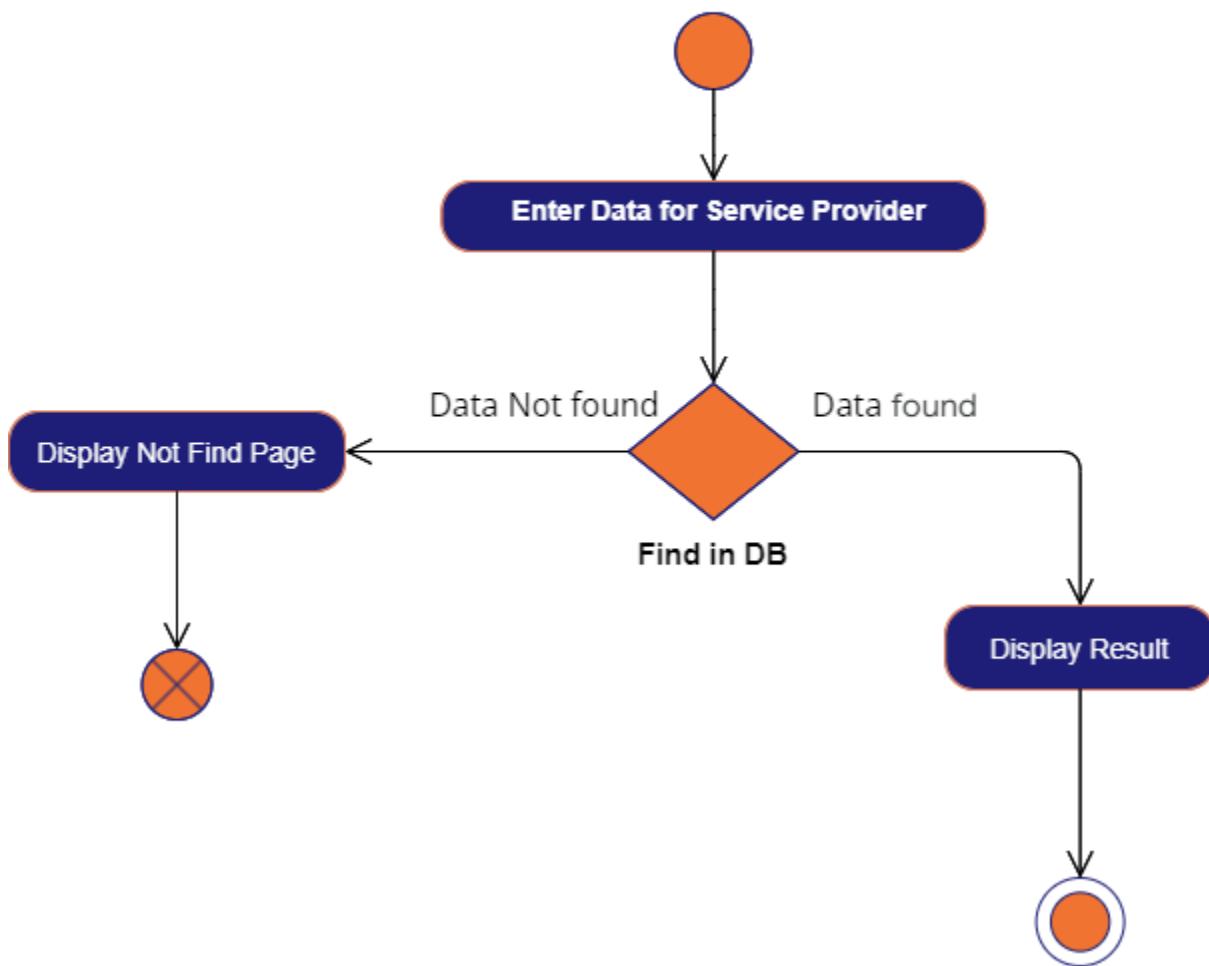


## Appointment Booking

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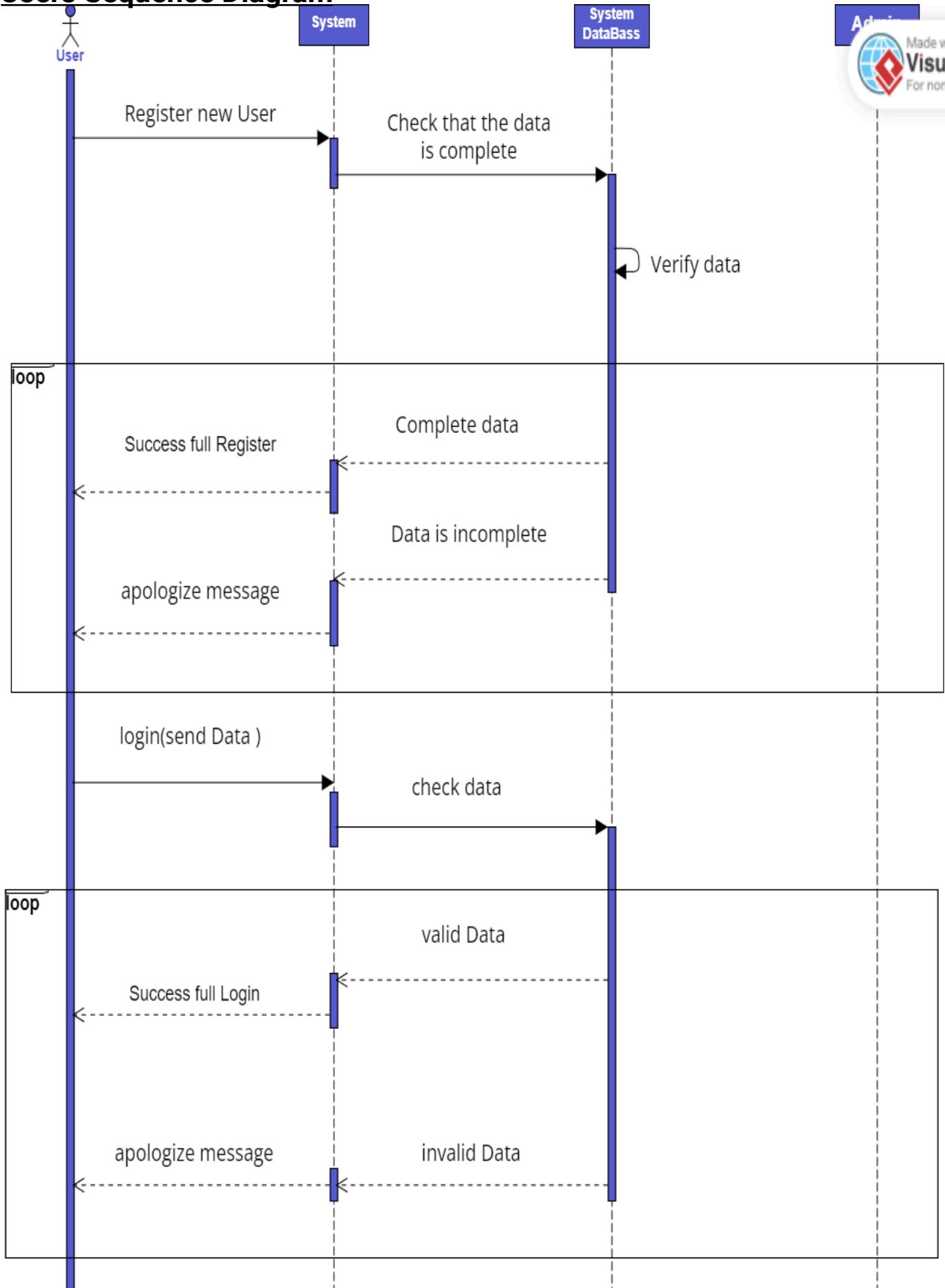


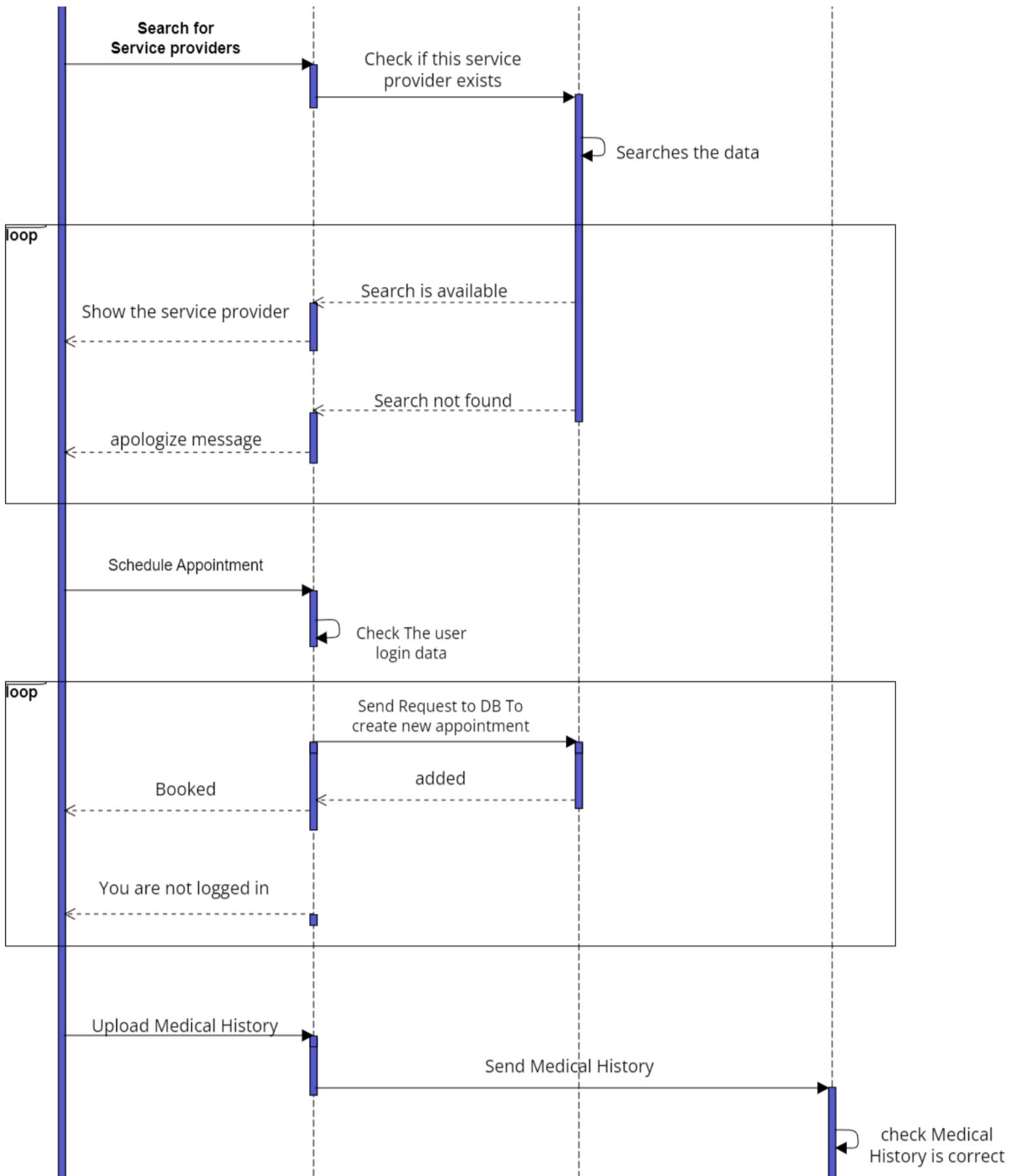
## Search For Service Provider

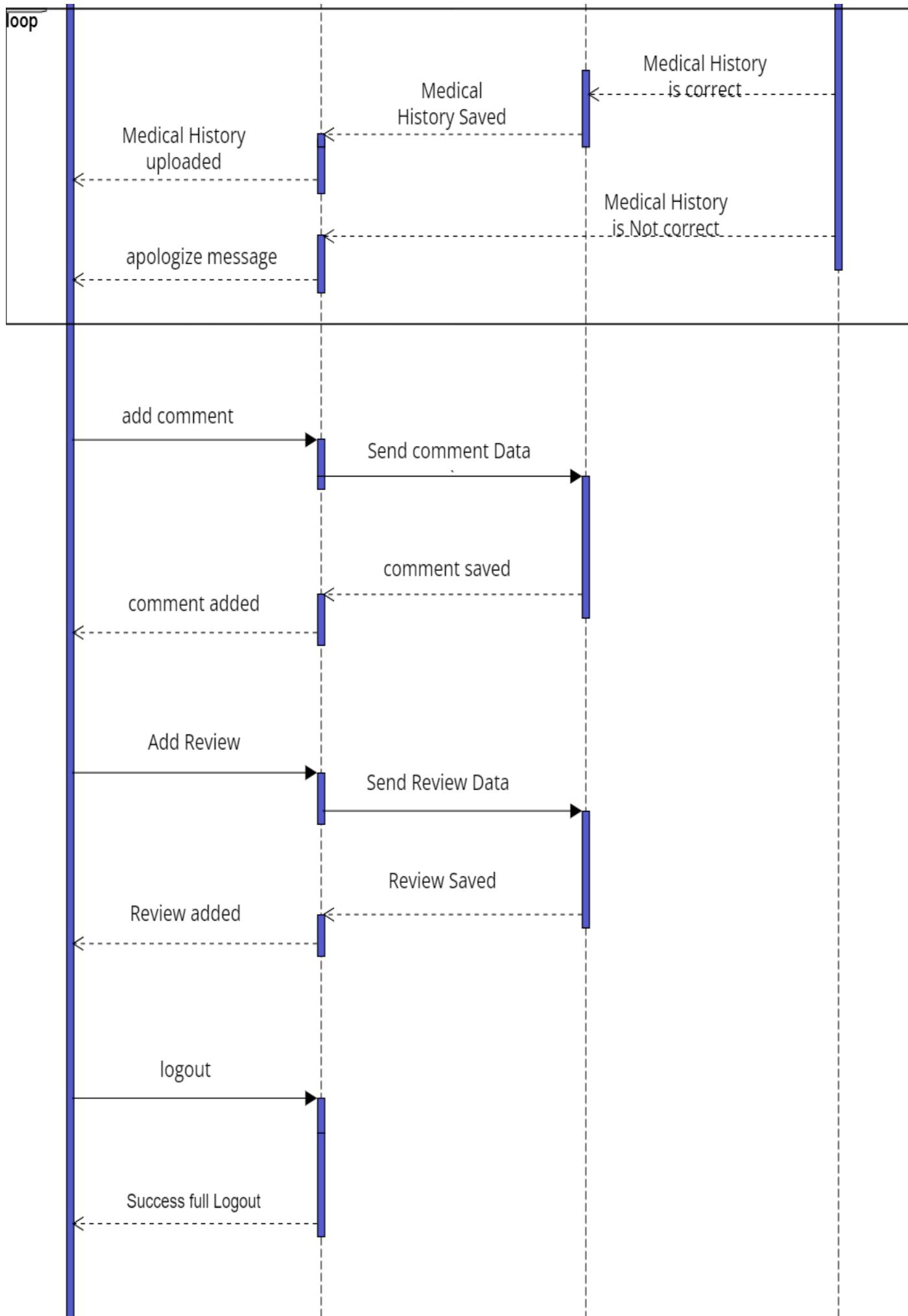


## 1.10 Sequence Diagrams

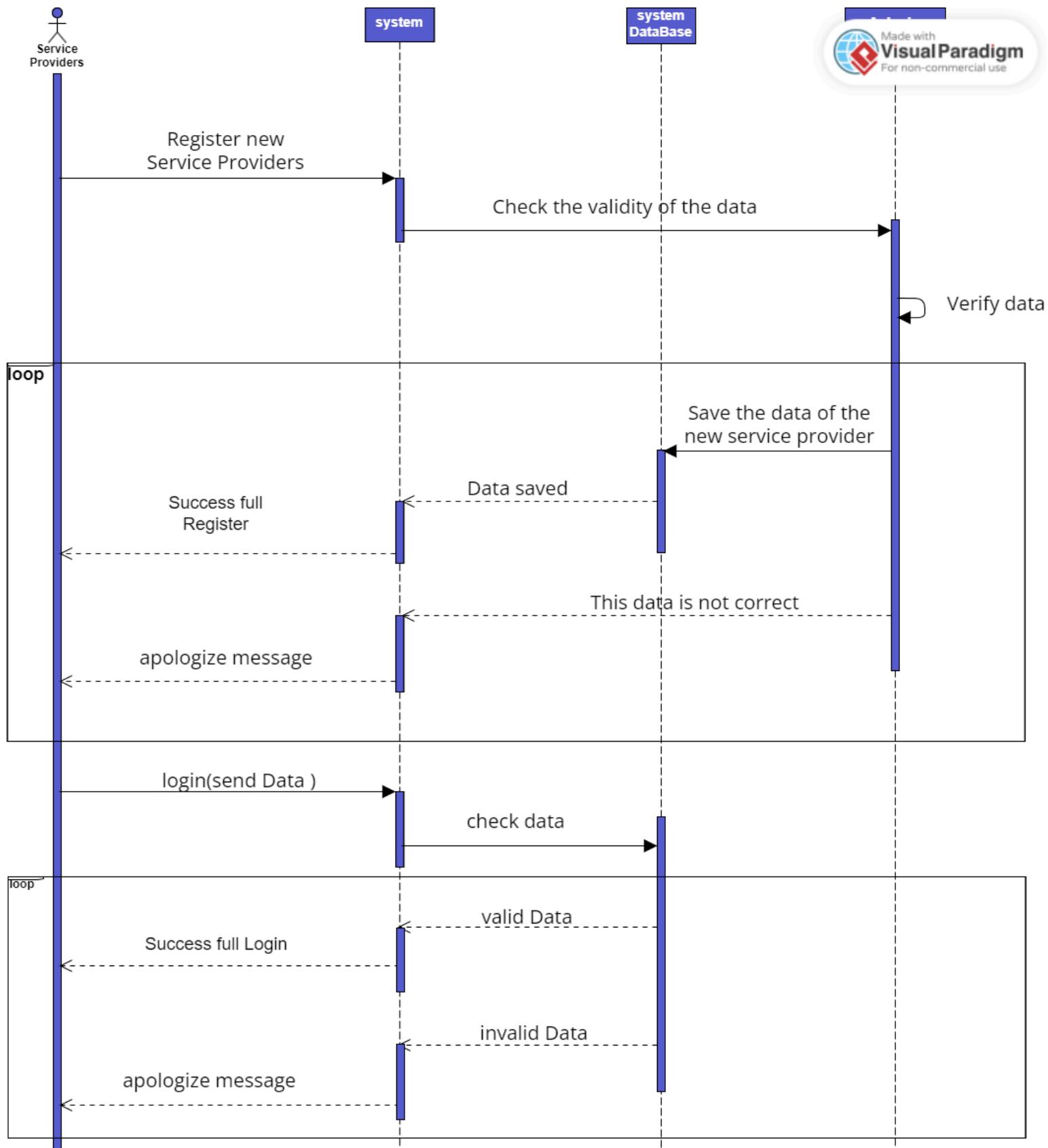
## Users Sequence Diagram

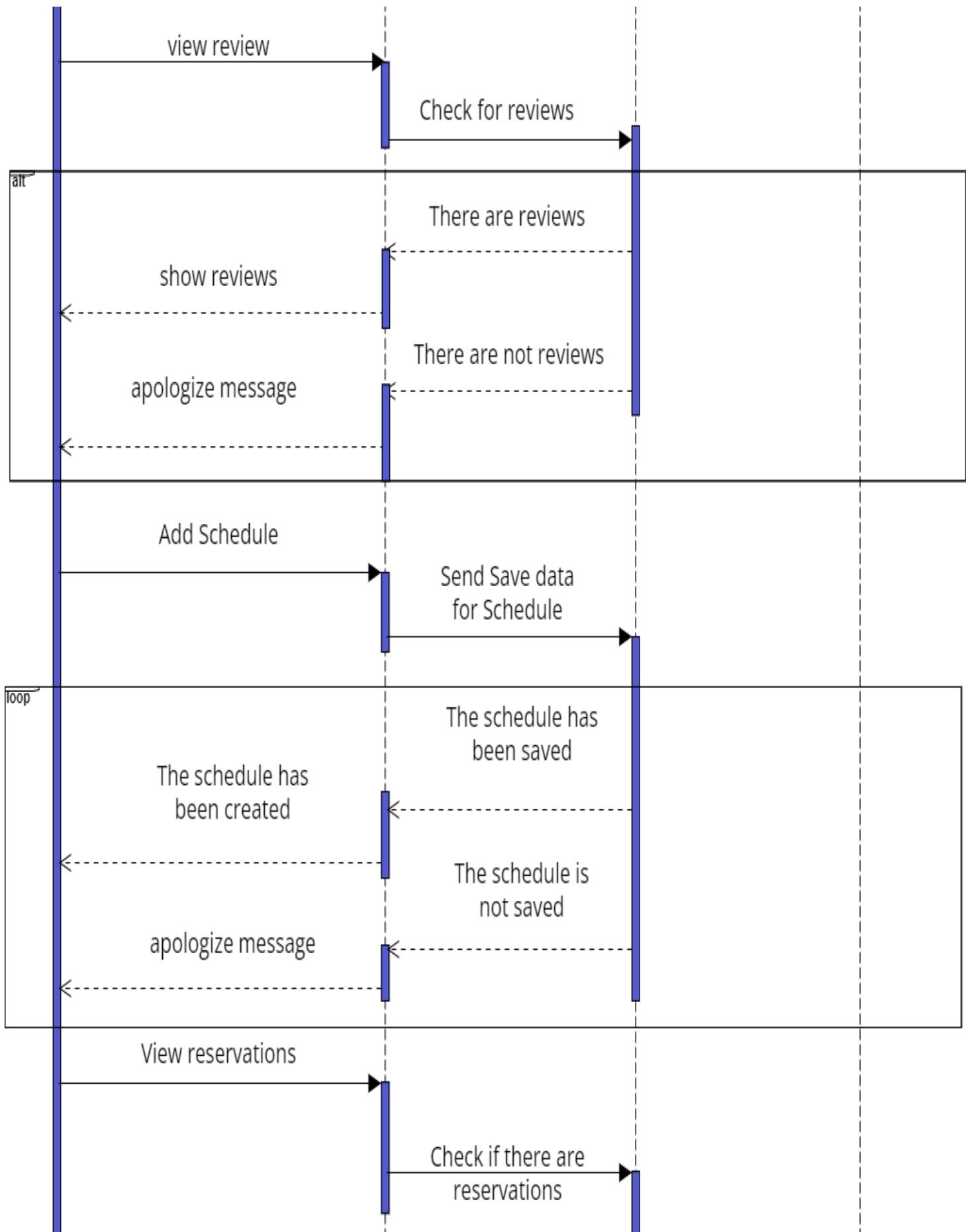


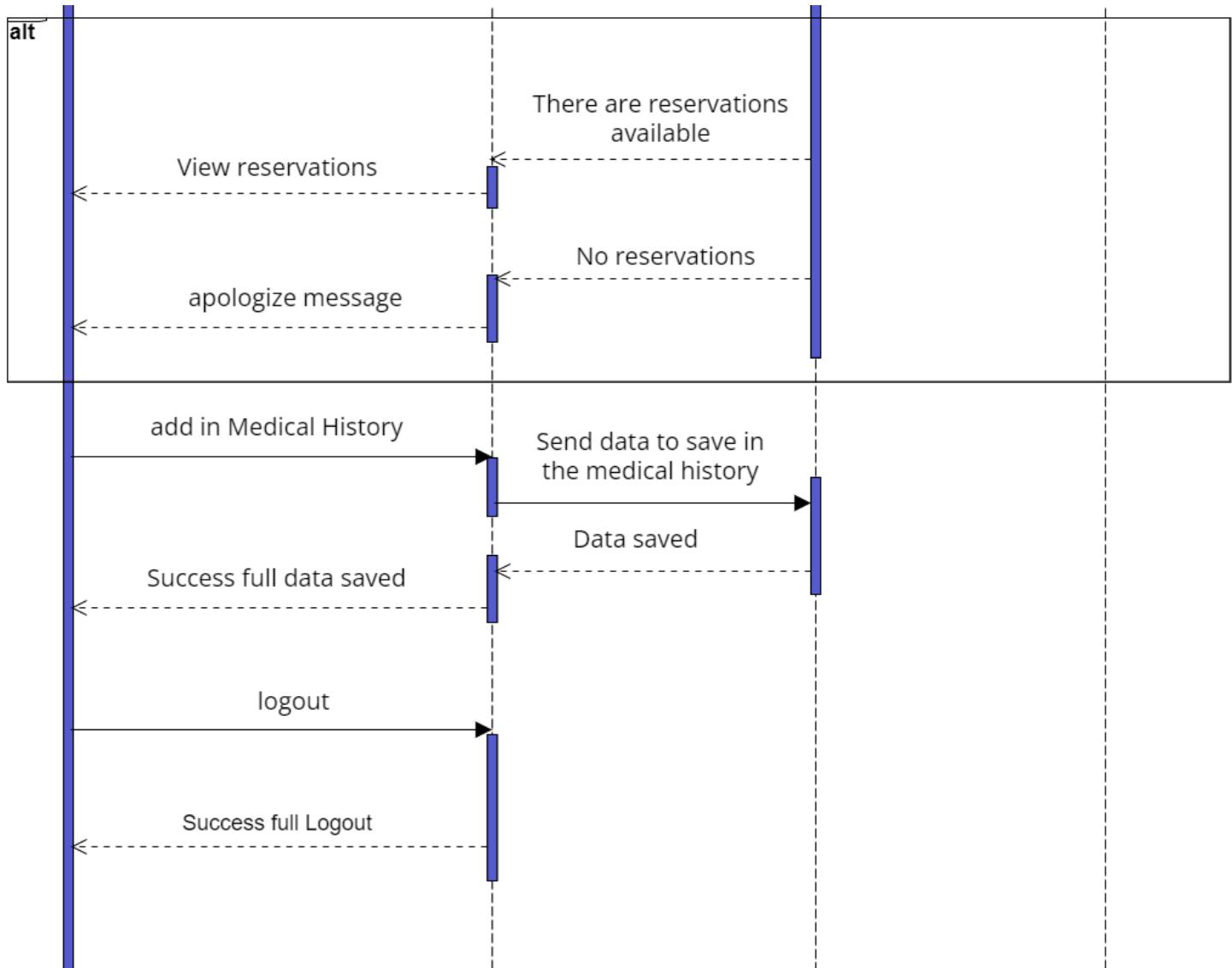




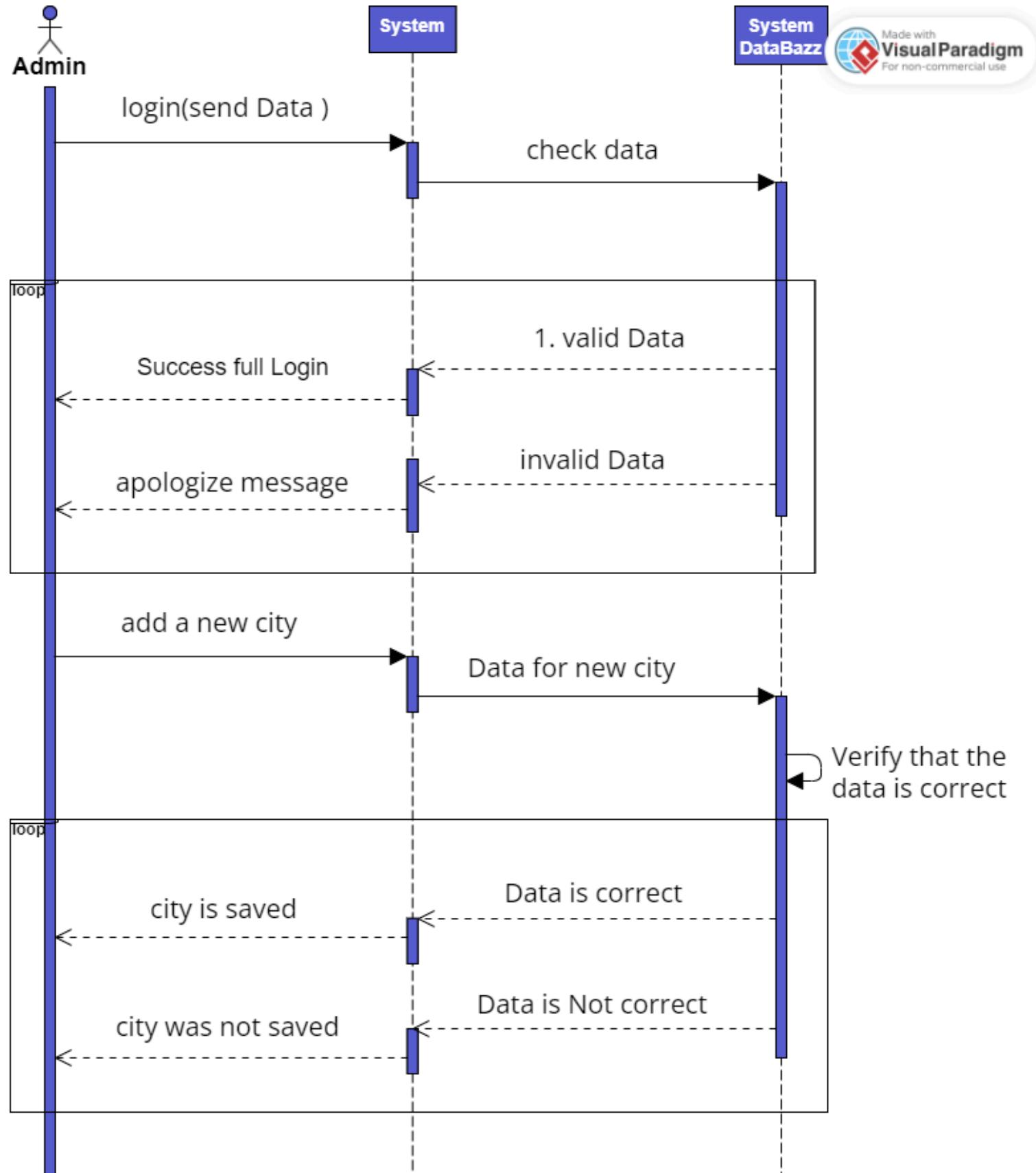
## Service Providers Sequence Diagram

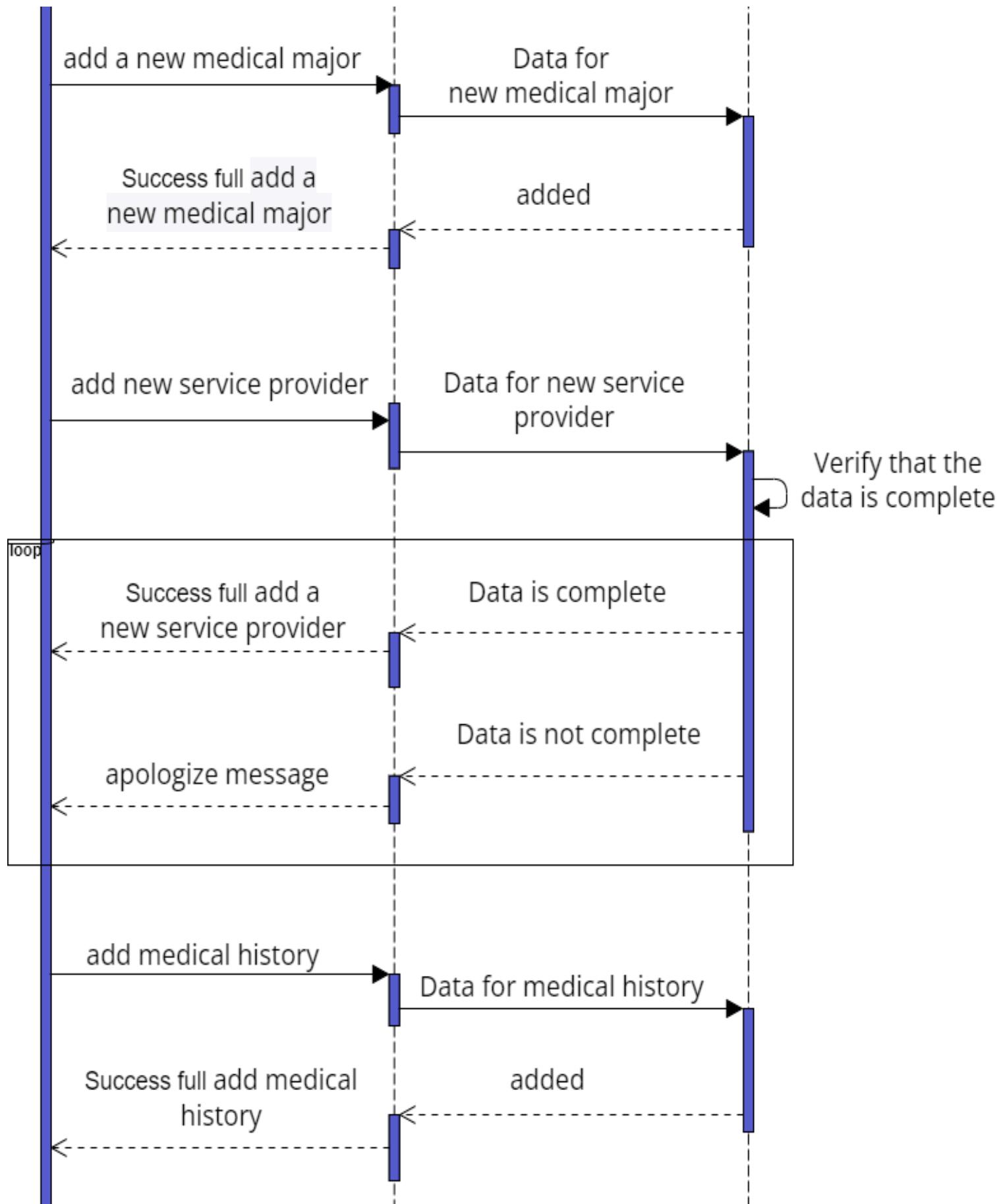


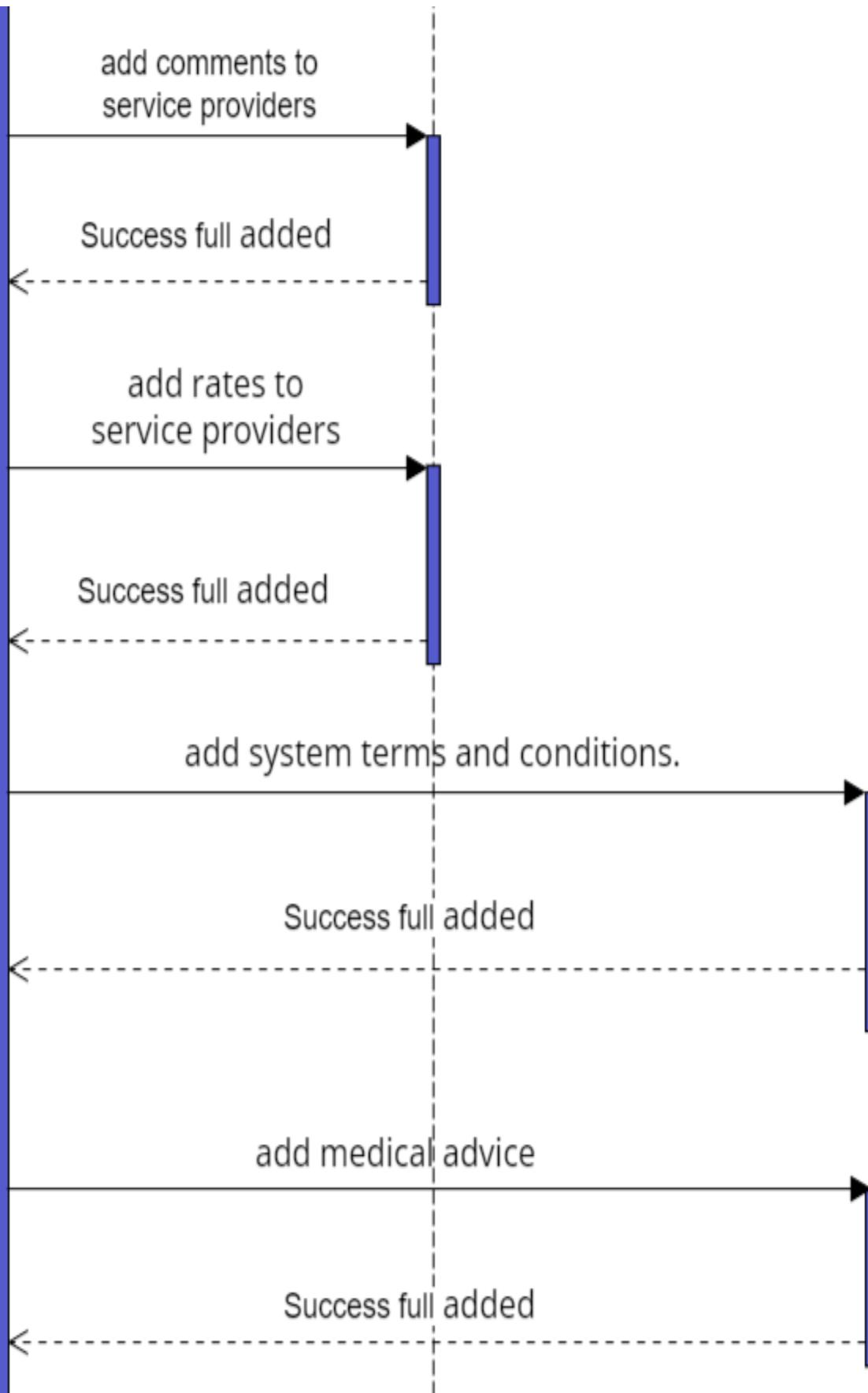


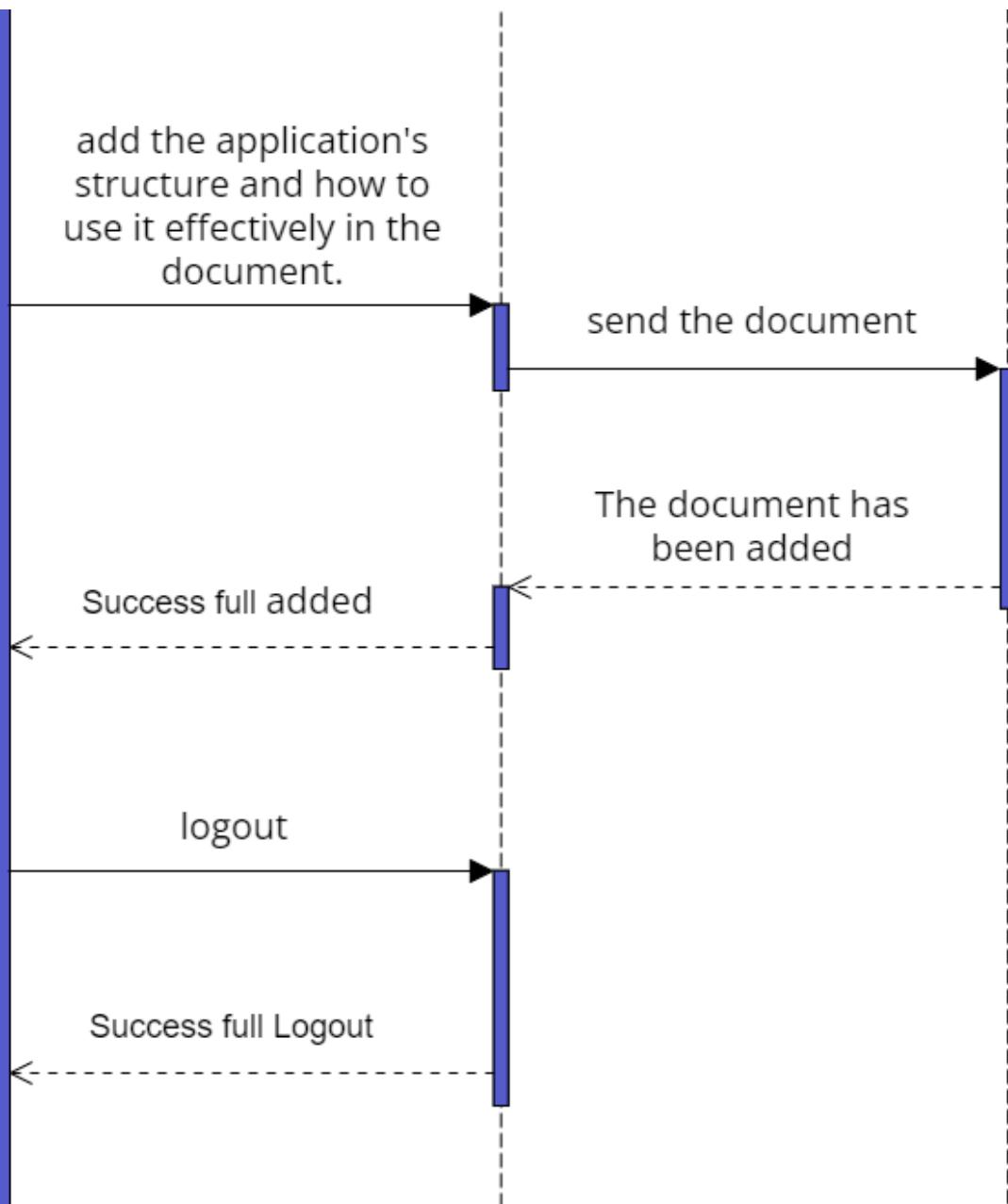


## Admin Sequence Diagram

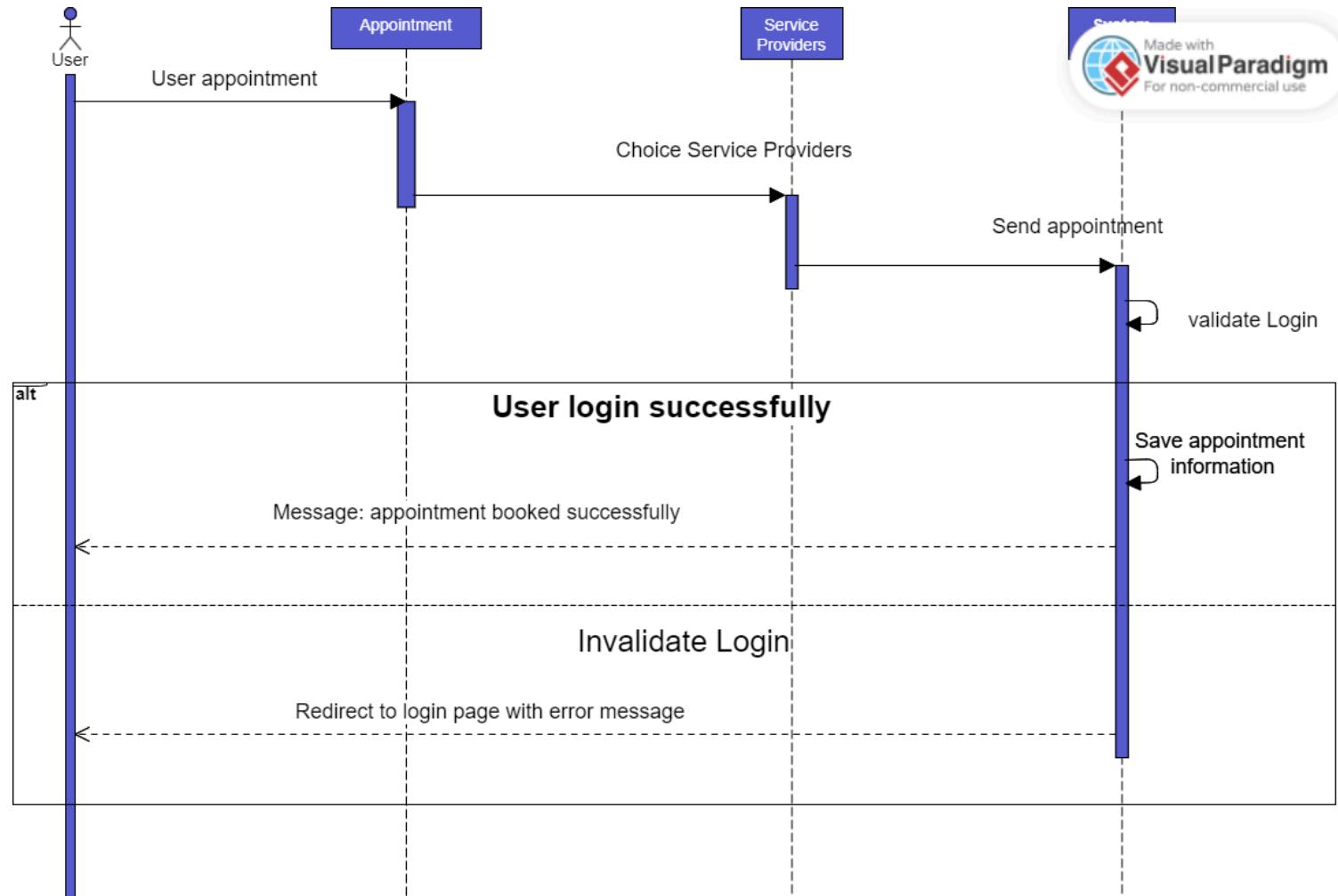




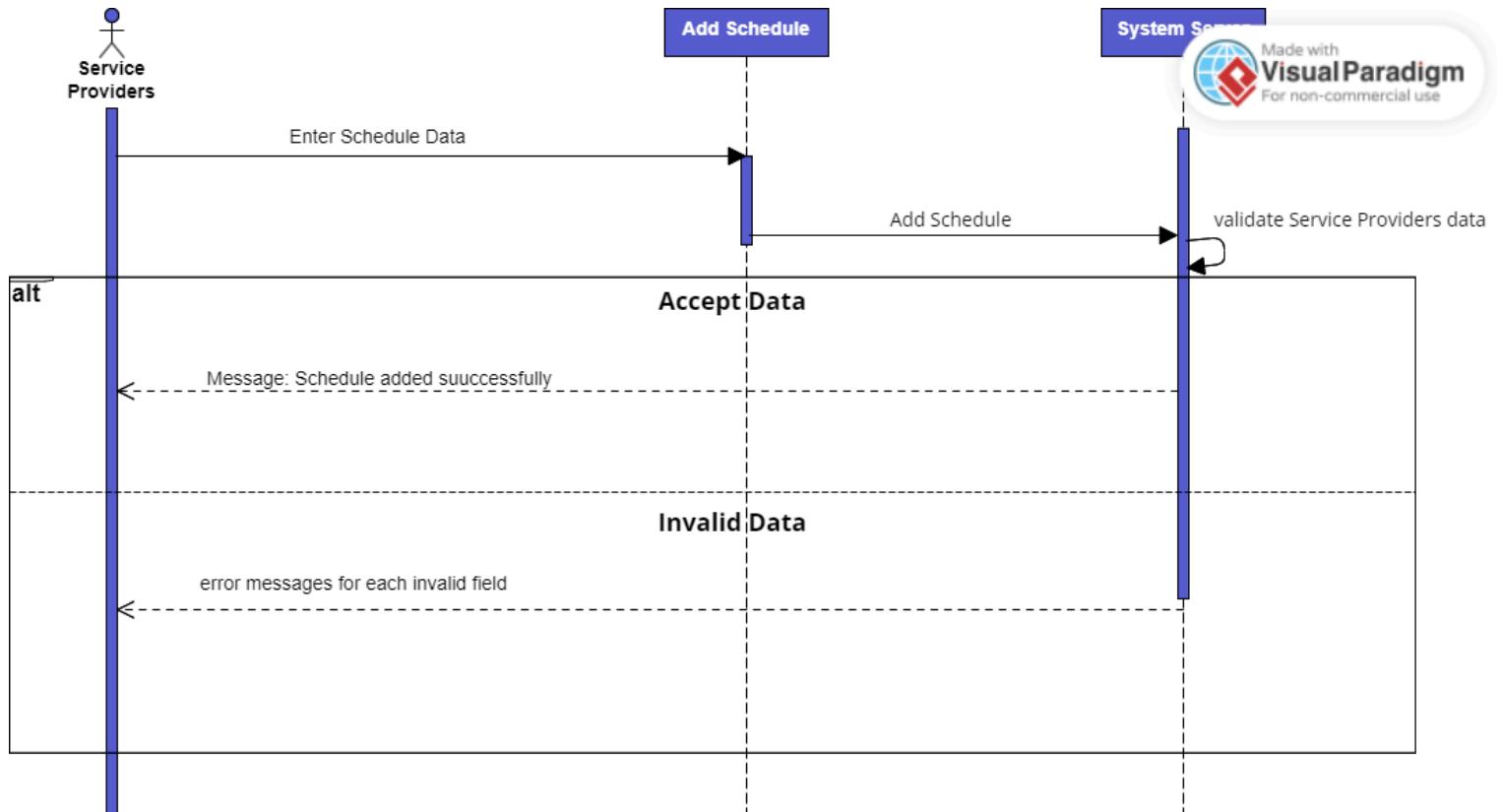




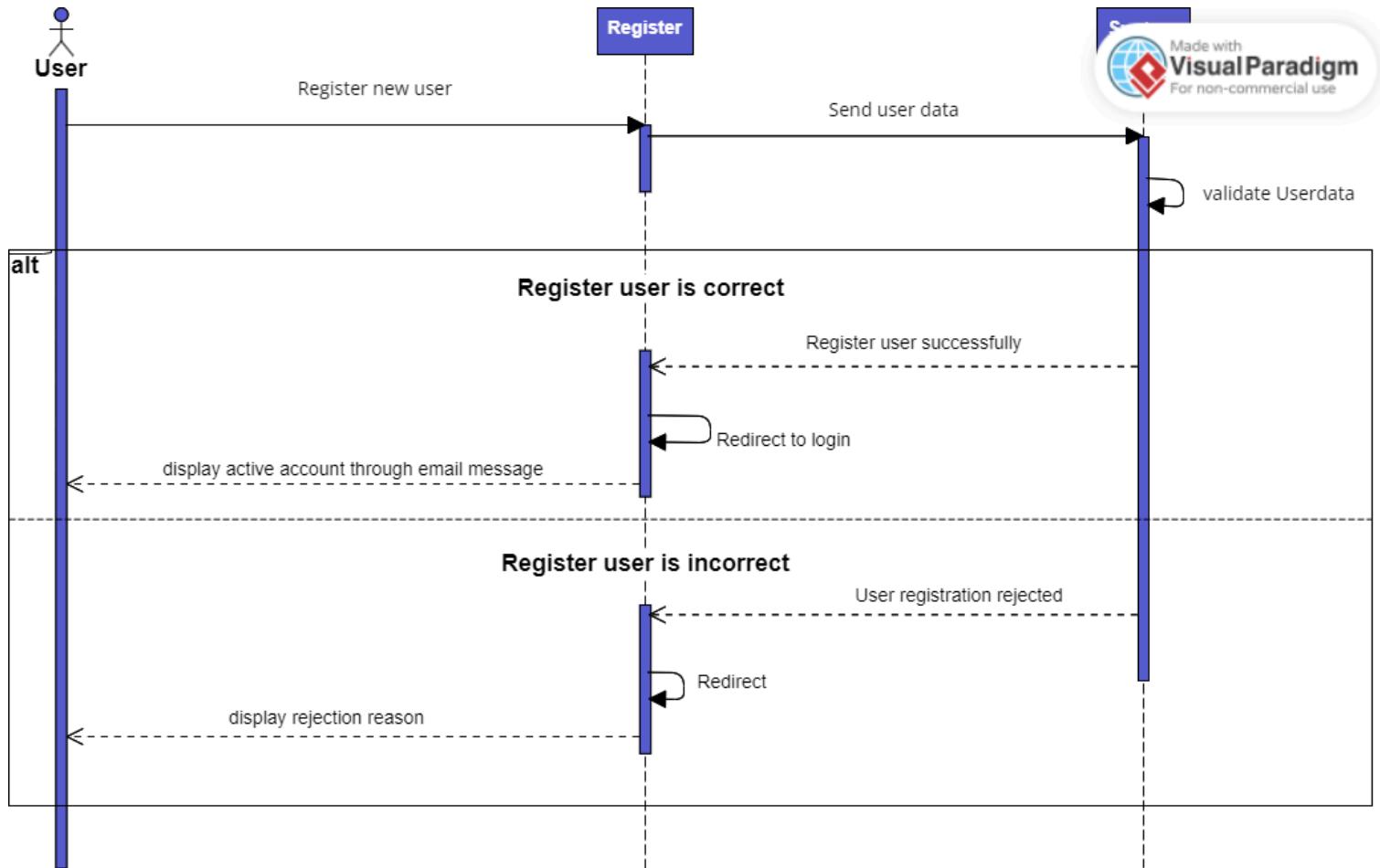
## Book Appointments



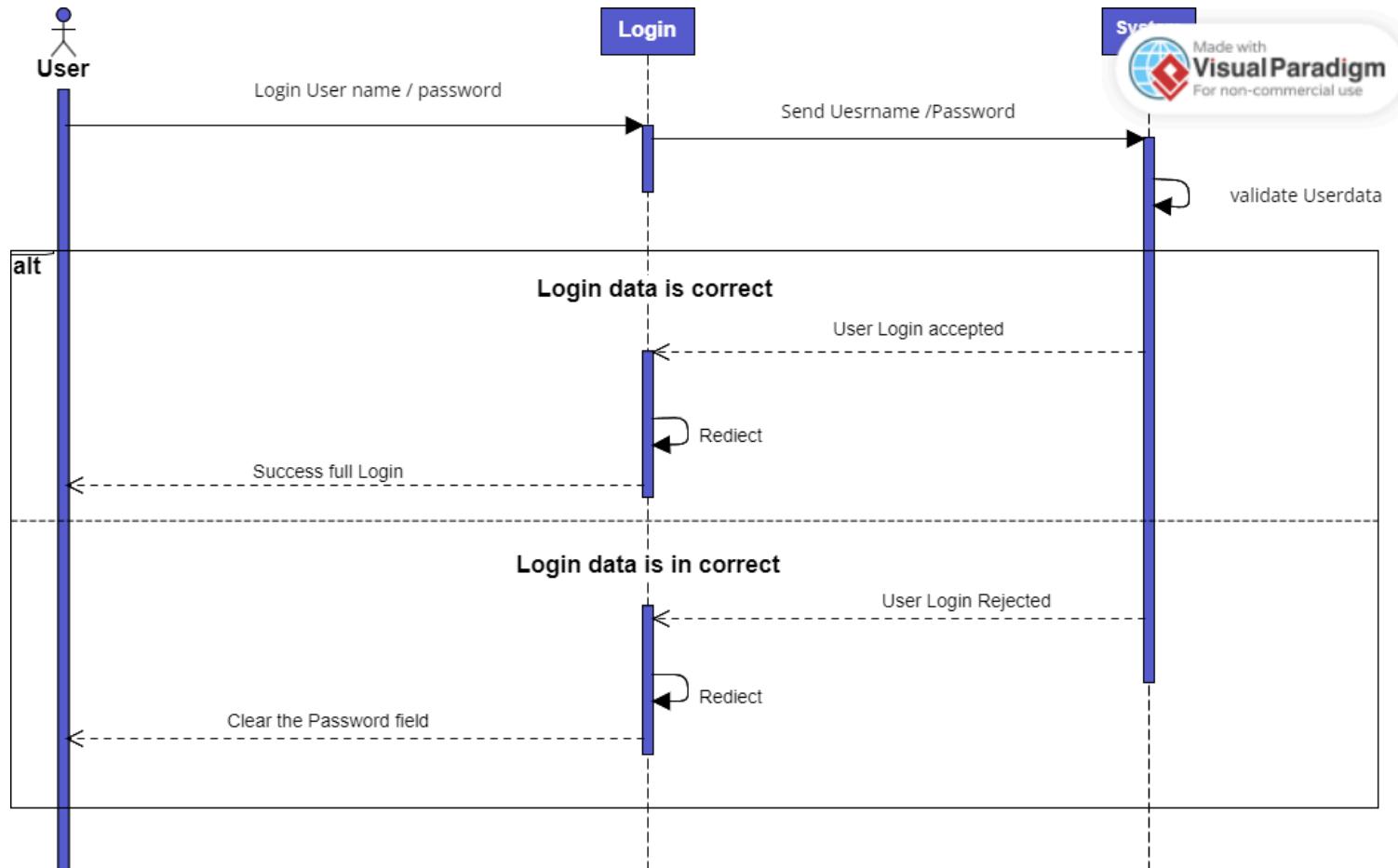
## Add Schedule



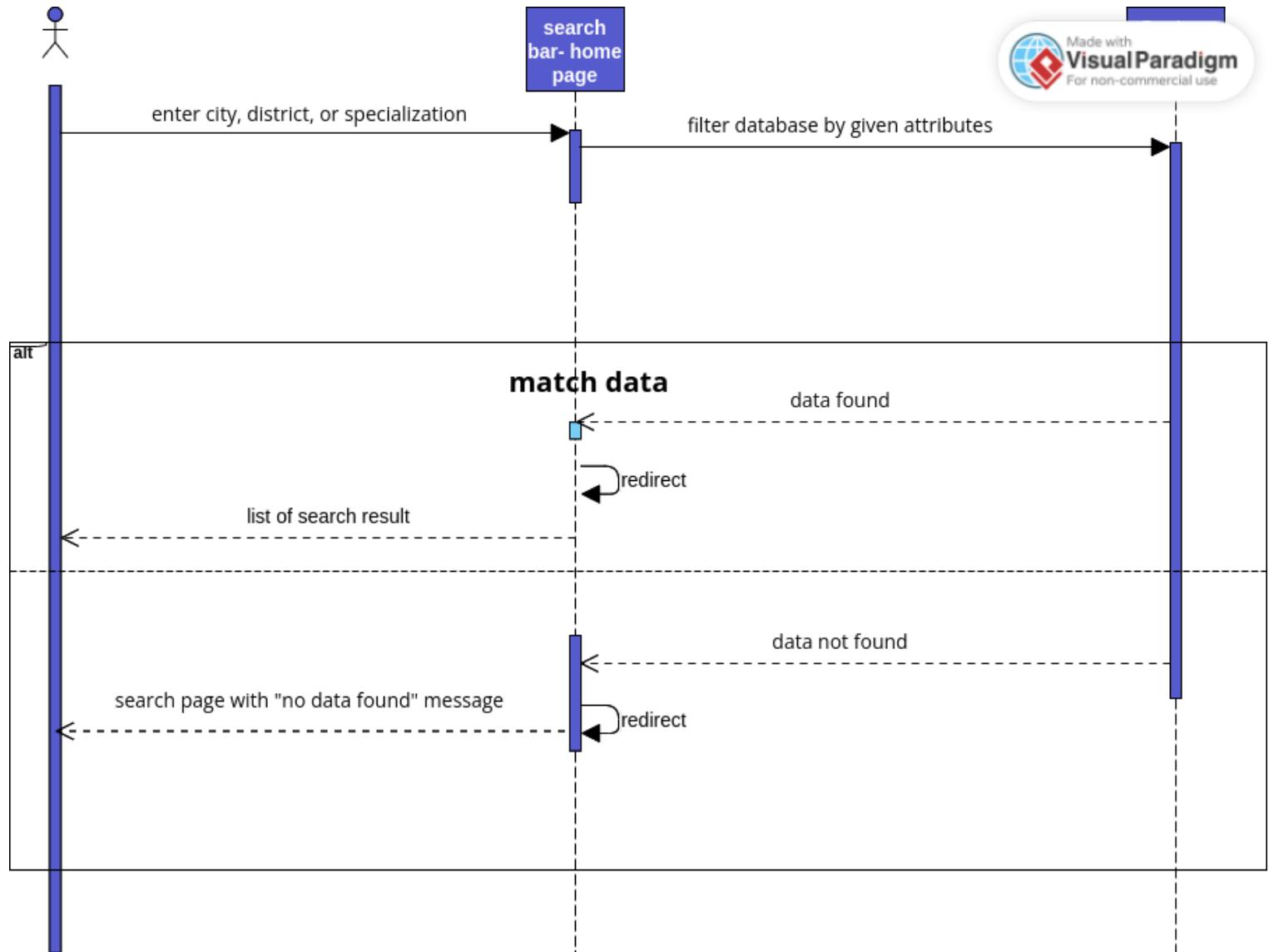
# Register



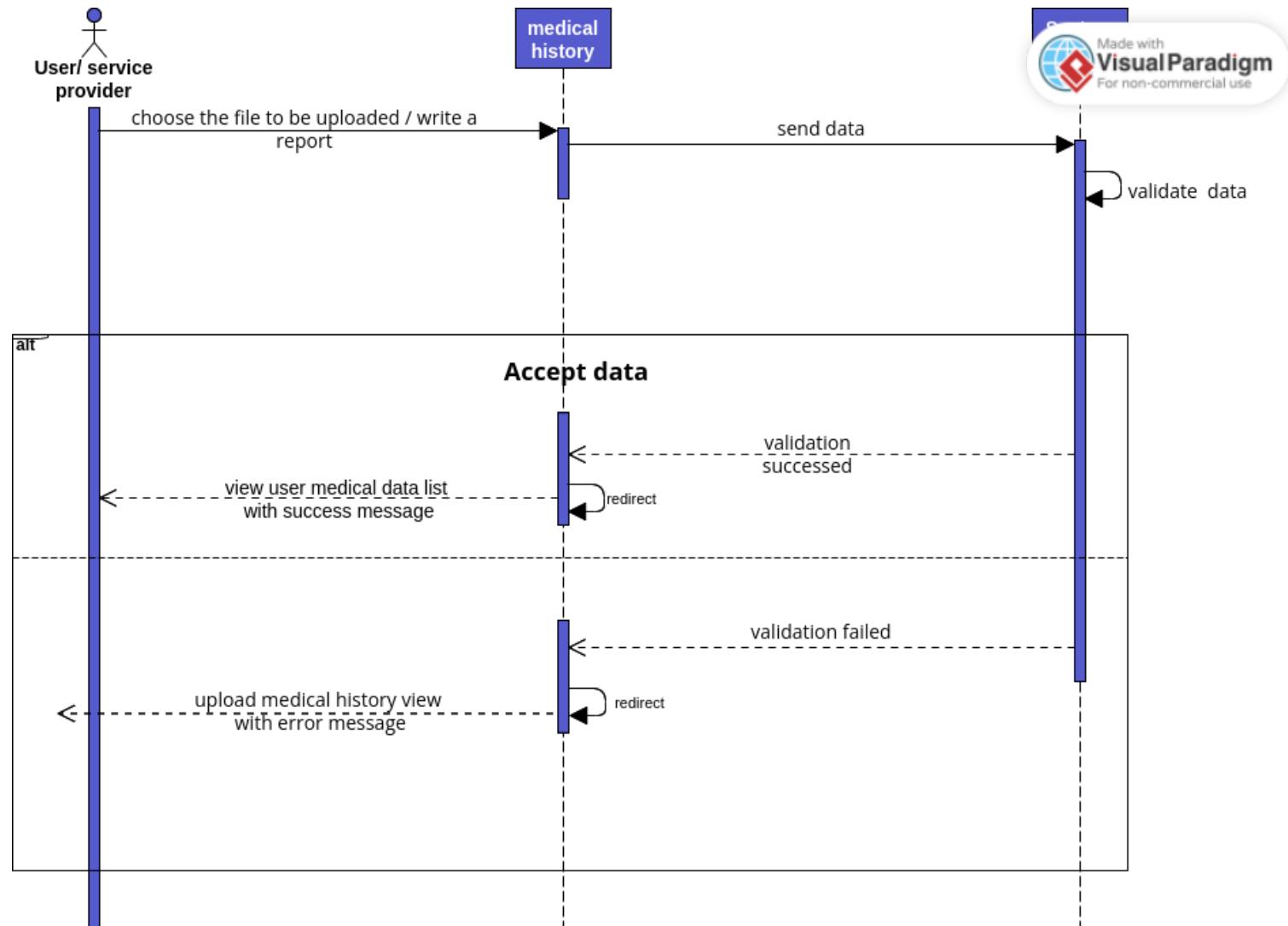
# Login



## Search for service provider



## Upload medical history



## 2. Non-Functional Requirements

- **Design Constraints, and Usability**

- The system supports privacy, speed, and efficiency.
- The system is maintainable and scalable.
- The system supports ease and comfort for the user. Therefore, it is recommended to reduce the number of steps as much as possible and reduce the number of inputs. It is also recommended to use optional methods instead of written methods.

- **Security:**

- Data should be encrypted as much as possible taking into account points that may make the database vulnerable to hacking.

- **Languages:**

- The website is in English and Arabic
- The control panel will be in English.

- **Supported Platforms**

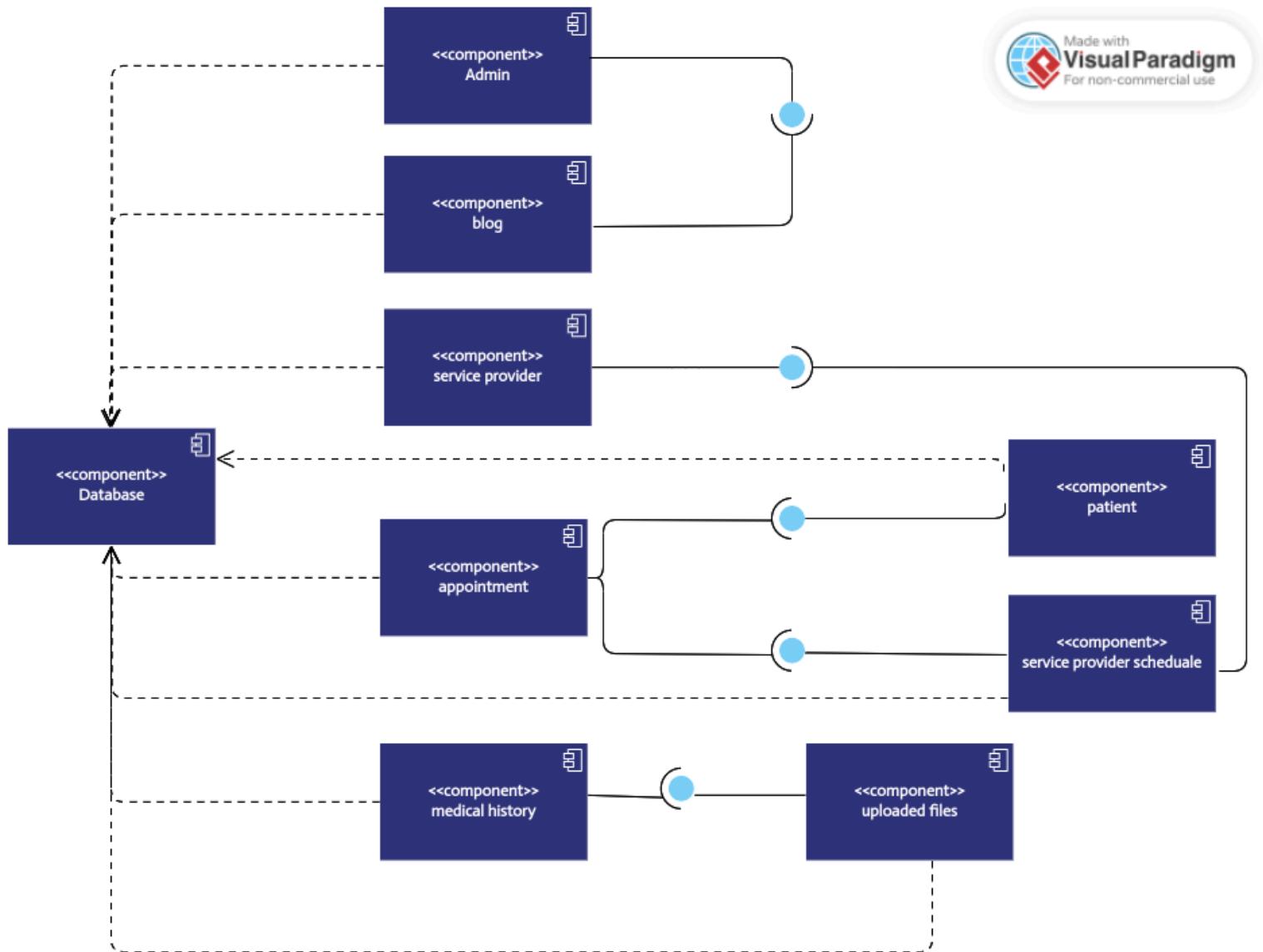
- The control panel works on different browsers.
- The website works on different browsers.

- **software environments:**

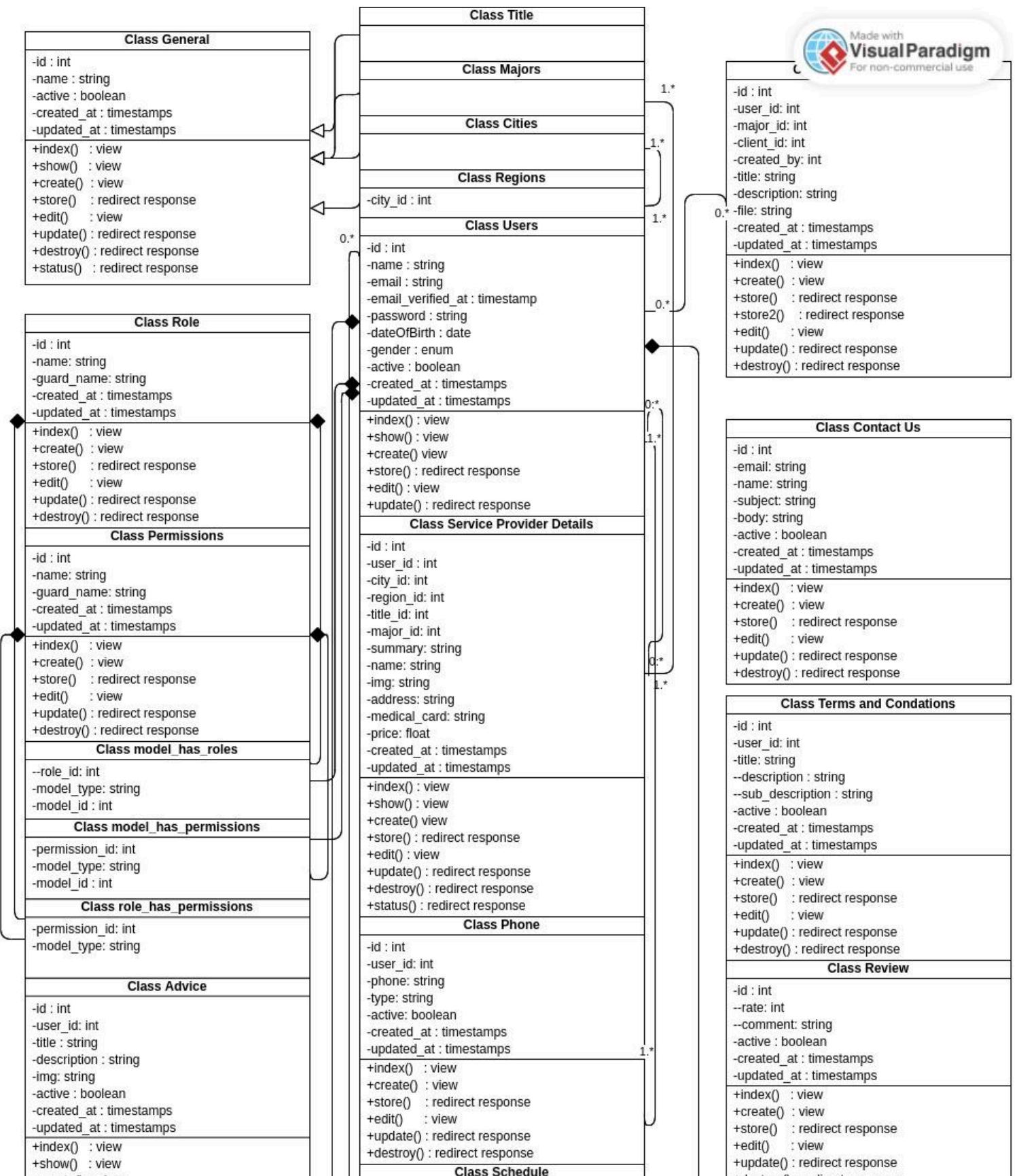
- Database: MySQL.
- The Programming Language Used in the Application: PHP, Laravel
- The Front-end Technology: HTML, CSS, bootstrap, javascript

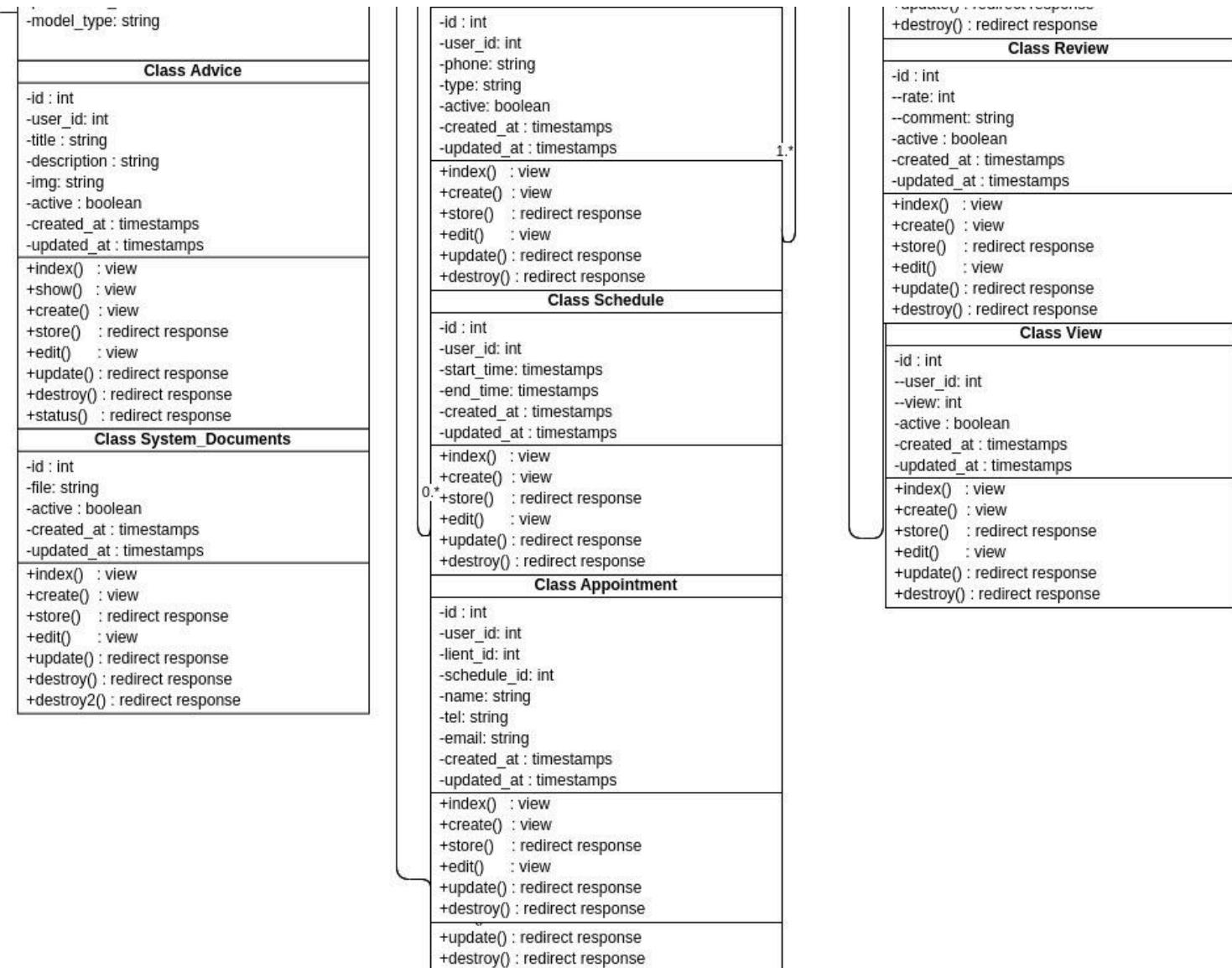
## **System Design**

## 1. Component Diagram

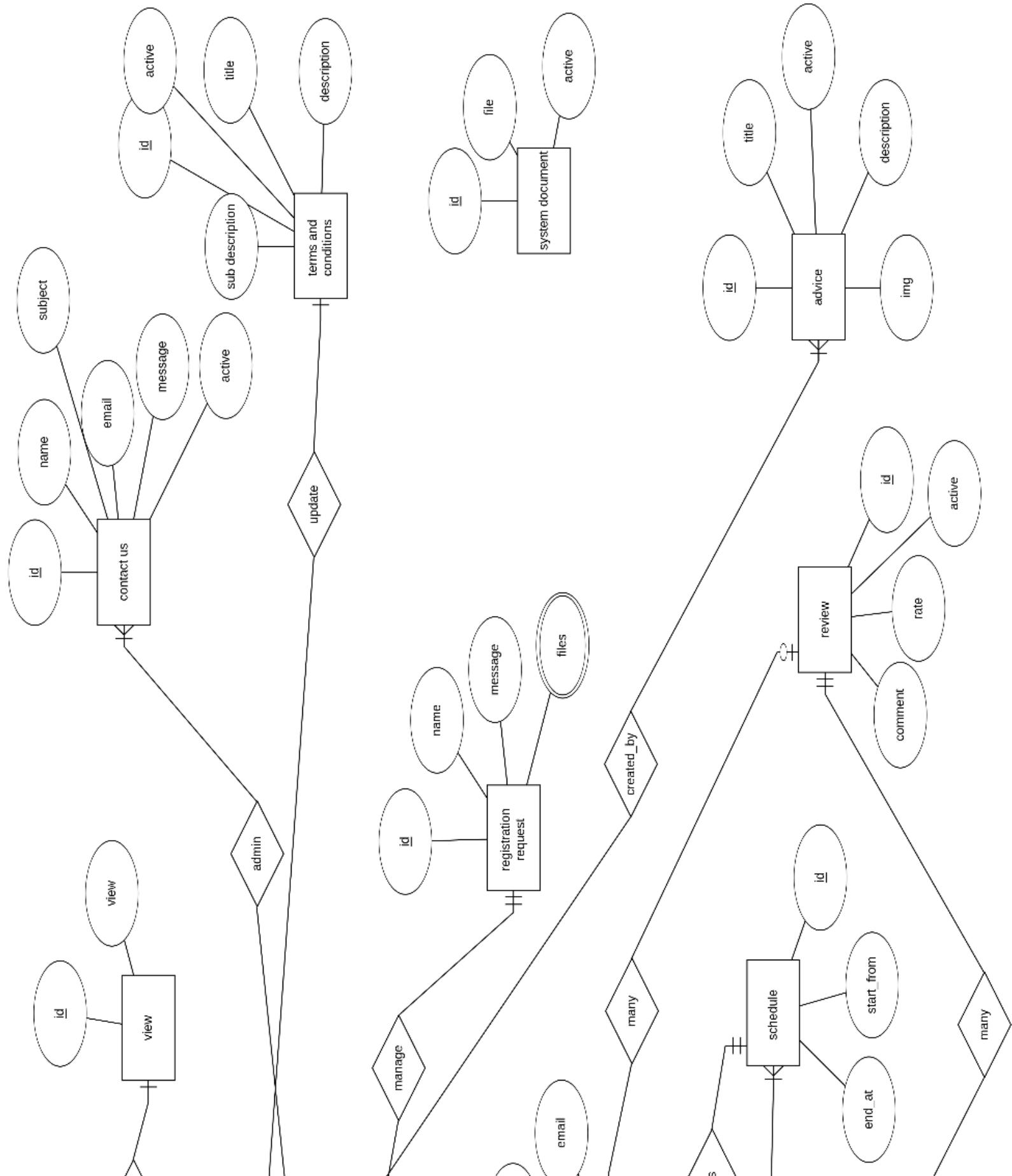


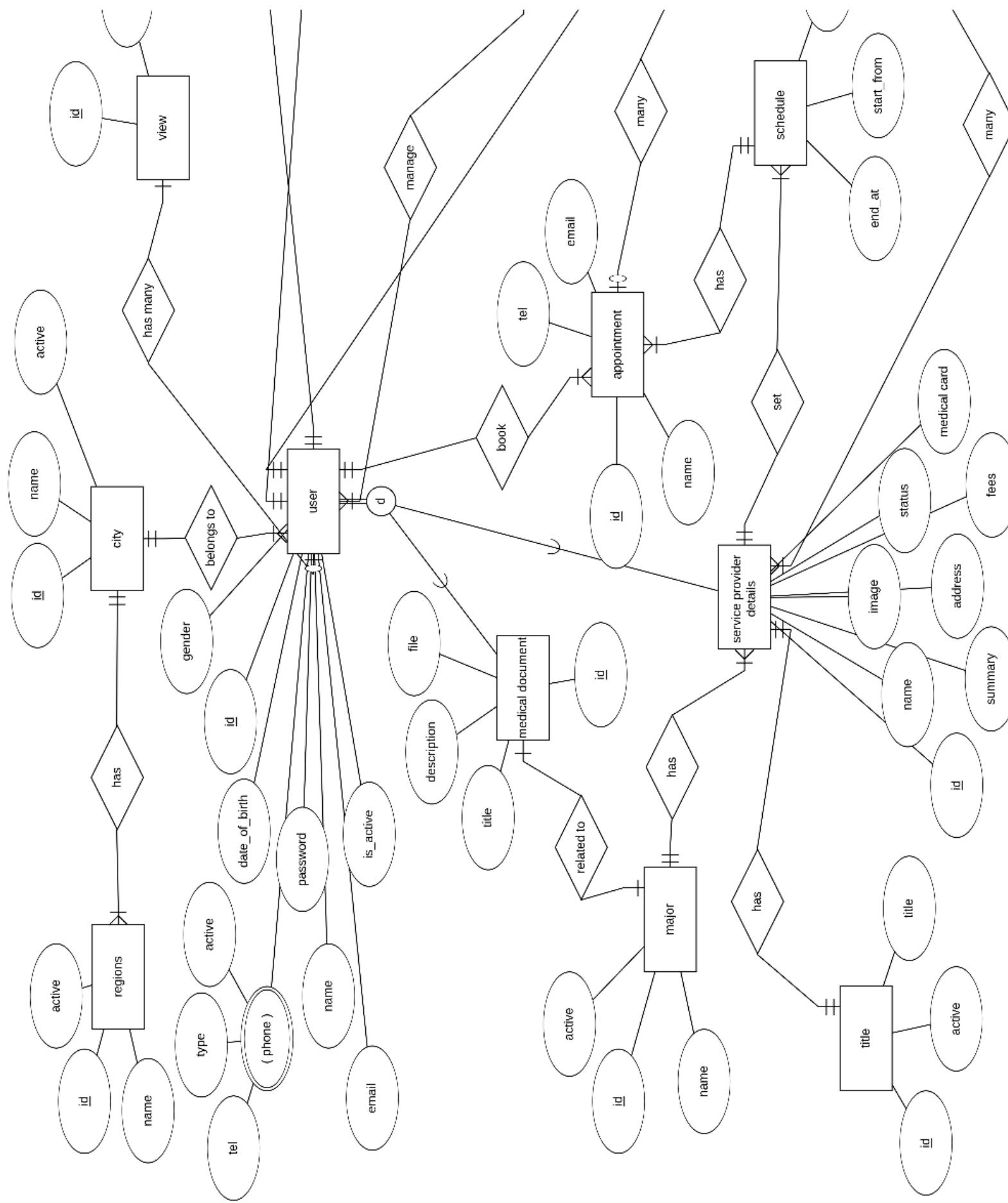
## 2. Class Diagram



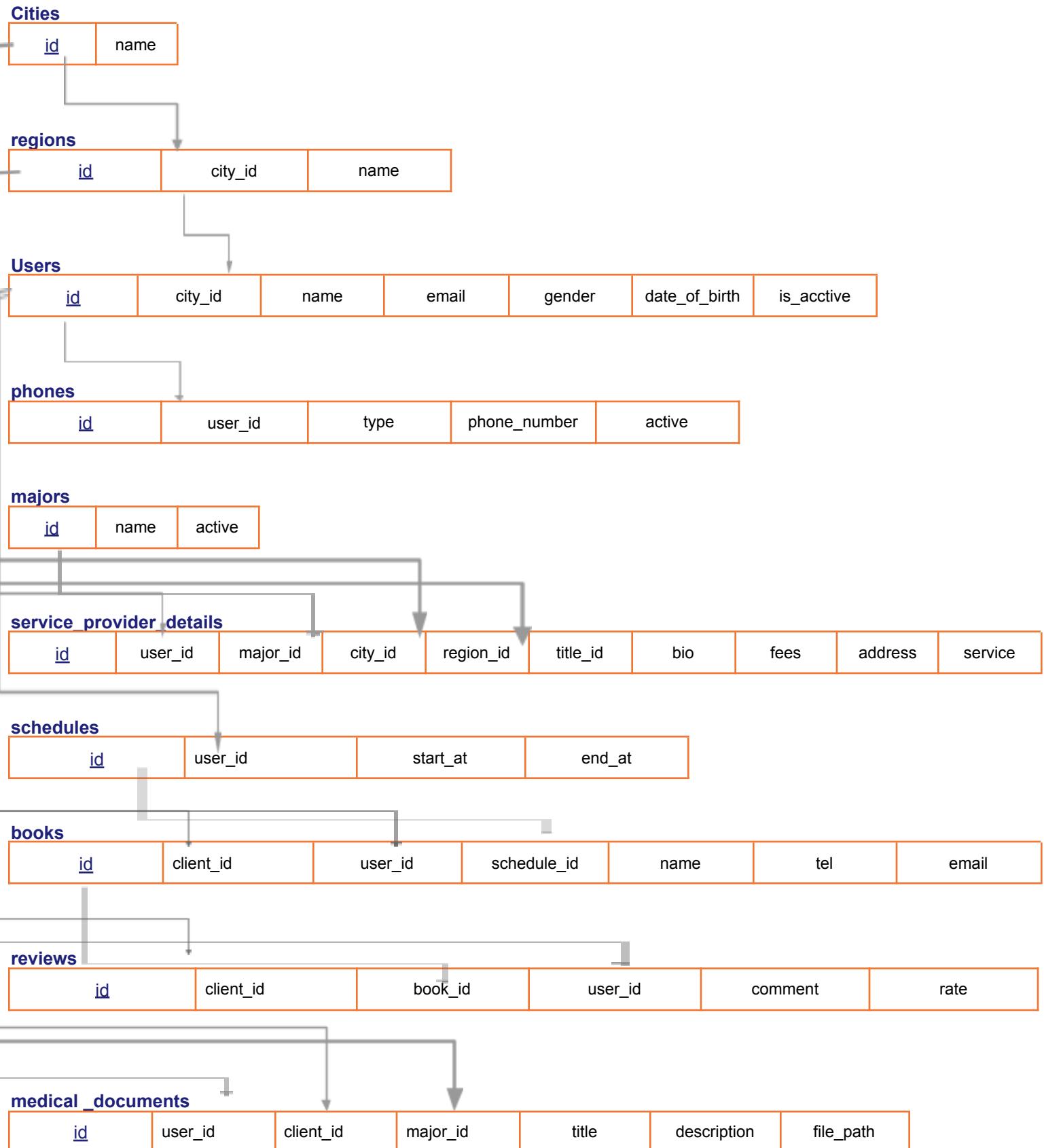


### 3. Entity Relationship Diagram (ERD)





#### 4. Mapping



**views**

<u>id</u>	user_id	view
-----------	---------	------

**advice**

<u>id</u>	title	sub_title	article	img
-----------	-------	-----------	---------	-----

**terms\_and\_conditions**

<u>id</u>	title	description	active
-----------	-------	-------------	--------

**contact\_us**

<u>id</u>	name	email	subject	message	active
-----------	------	-------	---------	---------	--------

**system\_documents**

<u>id</u>	file	active
-----------	------	--------

**titles**

<u>id</u>	title	active
-----------	-------	--------

## **Testing (User Acceptance test)**

Test cases

### Test Case 1

Test Case Identifier	TC-1
Use Case Tested	UC-1
Pass/Fail Criteria	The test passes if the admin enters the city name in Arabic and in English and saves it to the database.
Input Data	Name in Arabic, Name in English
Test Procedure	Expected Result
Step 1 Click on the “Add New City” button	The system will redirect to a new page with 2 inputs: Name in English and Name in Arabic
Step 2 Insert an Arabic Name without an English Name Step 3 Click on the “Submit” button	The system will show a message “Name in English is Required”

### Test Case 2

Test Case Identifier	TC-2
Use Case Tested	UC-1
Pass/Fail Criteria	The test passes if the admin enters the city name in Arabic and in English and saves it to the database.
Input Data	Name in Arabic, Name in English
Test Procedure	Expected Result
Step 1 Click on the “Add New City” button	The system will redirect to a new page with 2 inputs: Name in English and Name in Arabic
Step 2 Insert an English Name without an Arabic Name Step 3 Click on the “Submit” button	The system will show a message “Name in Arabic is Required”

### Test Case 3

Test Case Identifier	TC-3
Use Case Tested	UC-1
Pass/Fail Criteria	The test passes if the admin enters the city name in Arabic and in English and saves it to the database.
Input Data	Name in Arabic, Name in English
Test Procedure	Expected Result

<b>Step 1</b> Click on the “Add New City” button	The system will redirect to a new page with 2 inputs: Name in English and Name in Arabic
<b>Step 2</b> Insert an English Name and an Arabic Name <b>Step 3</b> Click on the “Submit” button	The system will accept the inputs, save them to the database, show the message “New City is Added Successfully”, and show a list of cities.

Test Case 4	
<b>Test Case Identifier</b>	TC-4
<b>Use Case Tested</b>	UC-2
<b>Pass/Fail Criteria</b>	The test passes if the admin clicks “show” on a Specific City and redirects to a new page
<b>Input Data</b>	
<b>Test Procedure</b>	Expected Result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with city data (id, name in Arabic, name in English, and list of related districts)

Test Case 5	
<b>Test Case Identifier</b>	TC-5
<b>Use Case Tested</b>	UC-3
<b>Pass/Fail Criteria</b>	The test passes if the admin changes the city name in Arabic or in English and saves it to the database.
<b>Input Data</b>	Name in Arabic, Name in English
<b>Test Procedure</b>	Expected Result
<b>Step 1</b> Click on the “Update City” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the Name in Arabic with an “empty” string <b>Step 3</b> Click on the “Submit” button	The system will show a message “Name in Arabic can’t be empty”

Test Case 6	
<b>Test Case Identifier</b>	TC-6
<b>Use Case Tested</b>	UC-3
<b>Pass/Fail Criteria</b>	The test passes if the admin changes the city name in Arabic or in English and saves it to the database.

<b>Input Data</b>	Name in Arabic, Name in English
<b>Test Procedure</b>	Expected Result
<b>Step 1</b> Click on the “Update City” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in English with an “empty” string <b>Step 3</b> Click on the “Submit” button	The system will show a message “Name in English can’t be empty”

<b>Test Case 7</b>	
<b>Test Case Identifier</b>	TC-7
<b>Use Case Tested</b>	UC-3
<b>Pass/Fail Criteria</b>	The test passes if the admin changes the city name in Arabic or in English and saves it to the database.
<b>Input Data</b>	Name in Arabic, Name in English
<b>Test Procedure</b>	Expected Result
<b>Step 1</b> Click on the “Update City” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b> Click on the “Submit” button	The system will accept the inputs, save them to the database, show the message “City is Updated Successfully”, and redirect to the city show page.

<b>Test Case 8</b>	
<b>Test Case Identifier</b>	TC-8
<b>Use Case Tested</b>	UC-3
<b>Pass/Fail Criteria</b>	The test passes if the admin changes the city name in Arabic or English and saves it to the database.
<b>Input Data</b>	Name in Arabic, Name in English
<b>Test Procedure</b>	Expected Result
<b>Step 1</b> Click on the “Update City” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “Submit” button	The system will accept the inputs, save them to the database, show the message “City is Updated Successfully”, and redirect to the city show page.

Test Case 9	
Test Case Identifier	TC-9
Use Case Tested	UC-3
Pass/Fail Criteria	The test passes if the admin changes the city name in Arabic or in English and saves it to the database.
Input Data	Name in Arabic, Name in English
Test Procedure	Expected Result
<b>Step 1</b> Click on the “Update City” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in English and the name in Arabic with new strings <b>Step 3</b> Click on the “Submit” button	The system will accept the inputs, save them to the database, show the message “City is Updated Successfully”, and redirect to the city show page.

Test Case 10	
Test Case Identifier	TC-10
Use Case Tested	UC-4
Pass/Fail Criteria	The test passes if the admin clicks “List Cities” and redirects to a new page
Input Data	
Test Procedure	Expected Result
<b>Step 1</b> Click on the “List Cities” button	The system redirects to another page with the cities data table(index, name in Arabic, name in English)

Test Case 11	
Test Case Identifier	TC-11
Use Case Tested	UC-5
Pass/Fail criteria	The test passes if the admin adds a district name in Arabic and in English to a specific city and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to the city data page with the “add district” button
<b>Step 2</b> Click on the “add district” button	The system redirects to a new page with 2 inputs (name in English, and name in Arabic)

<b>Step 3</b> Insert an English name and an Arabic name <b>Step 4</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “ new district is added successfully”, and redirect to the city show page.
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<b>Test Case 12</b>	
<b>Test Case Identifier</b>	TC-12
<b>Use Case Tested</b>	UC-5
<b>Pass/Fail criteria</b>	The test passes if the admin adds a district name in Arabic and English to a specific city and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to the city data page with the “add district” button
<b>Step 2</b> Click on the “add district” button	The system redirects to a new page with 2 inputs (name in English, and name in Arabic)
<b>Step 3</b> Insert an English name only <b>Step 4</b> Click on the “save” button	The system will show a message “Name in Arabic is required”

<b>Test Case 13</b>	
<b>Test Case Identifier</b>	TC-13
<b>Use Case Tested</b>	UC-5
<b>Pass/Fail criteria</b>	The test passes if the admin adds a district name in Arabic and English to a specific city and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to the city data page with the “add district” button
<b>Step 2</b> Click on the “add district” button	The system redirects to a new page with 2 inputs (name in English, and name in Arabic)
<b>Step 3</b> Insert an Arabic name only <b>Step 4</b> Click on the “save” button	The system will show a message “Name in English is required”

### Test Case 14

Test Case Identifier	TC-14
Use Case Tested	UC-6
Pass/Fail criteria	The test passes if the admin changes the district name in Arabic or English and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update district” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the district is updated successfully”, and redirect to the city show page.

### Test Case 15

Test Case Identifier	TC-15
Use Case Tested	UC-6
Pass/Fail criteria	The test passes if the admin changes the district name in Arabic or English and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update district” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the district is updated successfully”, and redirect to the city show page.

### Test Case 16

Test Case Identifier	TC-16
Use Case Tested	UC-6
Pass/Fail criteria	The test passes if the admin changes the district name in Arabic or English and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result

<b>Step 1</b> Click on the “Update district” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previously saved names
<b>Step 2</b> Change the name in English with an “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English can’t be empty”

Test Case 17	
<b>Test Case Identifier</b>	TC-17
<b>Use Case Tested</b>	UC-6
<b>Pass/Fail criteria</b>	The test passes if the admin changes the district name in Arabic or English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update district” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change name in Arabic with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic can’t be empty”

Test Case 18	
<b>Test Case Identifier</b>	TC-18
<b>Use Case Tested</b>	UC-7
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific city and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with city data (ID, name in Arabic, name in English) and a data table with district data

Test Case 19	
<b>Test Case Identifier</b>	TC-19
<b>Use Case Tested</b>	UC-8
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific district and redirects to a new page

<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with district data (id, name in Arabic, name in English)

<b>Test Case 20</b>	
<b>Test Case Identifier</b>	TC-20
<b>Use Case Tested</b>	UC-9
<b>Pass/Fail criteria</b>	The test passes if the admin enters the major name in Arabic and in English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic
<b>Step 2</b> Insert an Arabic name without an English name <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English is required”

<b>Test Case 21</b>	
<b>Test Case Identifier</b>	TC-21
<b>Use Case Tested</b>	UC-9
<b>Pass/Fail criteria</b>	The test passes if the admin enters the major name in Arabic and in English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic
<b>Step 2</b> Insert an English name without an Arabic name <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic is required”

### Test Case 22

Test Case Identifier	TC-22
Use Case Tested	UC-9
Pass/Fail criteria	The test passes if the admin enters the major name in Arabic and in English and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic
<b>Step 2</b> Insert an English name and an Arabic name <b>Step 3</b> Click on the “save” button	The system will show a message “New major added successfully” and redirect to the majors listing page

### Test Case 23

Test Case Identifier	TC-23
Use Case Tested	UC-10
Pass/Fail criteria	The test passes if the admin clicks “show” on a specific major and redirects to a new page
Input data	
Test Procedure	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with major data (id, name in Arabic, name in English), and a list of doctors

### Test Case 24

Test Case Identifier	TC-24
Use Case Tested	UC-11
Pass/Fail criteria	The test passes if the admin changes the major name in Arabic or in English and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b>	The system will show a message “Name in English can't be empty”

Change name in English with “empty” string <b>Step 3</b> Click on the “save” button	
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Test Case 25	
<b>Test Case Identifier</b>	TC-25
<b>Use Case Tested</b>	UC-11
<b>Pass/Fail criteria</b>	The test passes if the admin changes the major name in Arabic or in English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change name in Arabic with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic can’t be empty”

Test Case 26	
<b>Test Case Identifier</b>	TC-26
<b>Use Case Tested</b>	UC-11
<b>Pass/Fail criteria</b>	The test passes if the admin changes the major name in Arabic or in English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the major is updated successfully”, and redirect to the major show page.

### Test Case 27

<b>Test Case Identifier</b>	TC-27
<b>Use Case Tested</b>	UC-11
<b>Pass/Fail criteria</b>	The test passes if the admin changes the major name in Arabic or in English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the major is updated successfully”, and redirect to the major show page.

### Test Case 28

<b>Test Case Identifier</b>	TC-28
<b>Use Case Tested</b>	UC-12
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “list majors”, and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “List majors” button	The system redirects to another page with the majors data table(id, name in Arabic, name in English”

### Test Case 29

<b>Test Case Identifier</b>	TC-29
<b>Use Case Tested</b>	UC-13
<b>Pass/Fail criteria</b>	The test passes if the admin enters the role name in Arabic, in English, selects permissions, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic, and the permissions checklist
<b>Step 2</b> Insert an English name without an Arabic name	The system will show a message “Name in Arabic is required”

<b>Step 3</b> Click on the “save” button	
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### Test Case 30

<b>Test Case Identifier</b>	TC-30
<b>Use Case Tested</b>	UC-13
<b>Pass/Fail criteria</b>	The test passes if the admin enters the role name in Arabic, in English, selects permissions, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new major” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic, and the permissions checklist
<b>Step 2</b> Insert an Arabic name without an English name <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English is required”

### Test Case 31

<b>Test Case Identifier</b>	TC-31
<b>Use Case Tested</b>	UC-13
<b>Pass/Fail criteria</b>	The test passes if the admin enters the role name in Arabic, in English, selects permissions, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic, and the permissions checklist
<b>Step 2</b> Insert an English name and an Arabic name, and check permissions <b>Step 3</b> Click on the “save” button	The system will show a message “New role added successfully” and redirect to the roles listing page

### Test Case 32

<b>Test Case Identifier</b>	TC-32
<b>Use Case Tested</b>	UC-14
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “list roles”, and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result

<b>Step 1</b> Click on the “List roles” button	The system redirects to another page with the roles data table(id, name in Arabic, name in English”
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### Test Case 33

<b>Test Case Identifier</b>	TC-33
<b>Use Case Tested</b>	UC-15
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific role and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with role data (id, name in Arabic, name in English), and a list of permissions

### Test Case 34

<b>Test Case Identifier</b>	TC-34
<b>Use Case Tested</b>	UC-16
<b>Pass/Fail criteria</b>	The test passes if the admin changes the role name in Arabic or in English or change permissions and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names and permissions checklist
<b>Step 2</b> Change name in English with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English can’t be empty”

### Test Case 35

<b>Test Case Identifier</b>	TC-35
<b>Use Case Tested</b>	UC-16
<b>Pass/Fail criteria</b>	The test passes if the admin changes the role name in Arabic or in English or change permissions and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names and permissions checklist
<b>Step 2</b> Change name in Arabic with “empty”	The system will show a message “Name in Arabic can’t be empty”

string <b>Step 3</b> Click on the “save” button	
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Test Case 36	
<b>Test Case Identifier</b>	TC-36
<b>Use Case Tested</b>	UC-16
<b>Pass/Fail criteria</b>	The test passes if the admin changes the role name in Arabic or in English or change permissions and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names and permissions checklist
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the role is updated successfully”, and redirect to the role show page.

Test Case 37	
<b>Test Case Identifier</b>	TC-37
<b>Use Case Tested</b>	UC-16
<b>Pass/Fail criteria</b>	The test passes if the admin changes the role name in Arabic or in English or change permissions and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, permissions checklist
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names and permissions checklist
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the role is updated successfully”, and redirect to the role show page.

### Test Case 38

Test Case Identifier	TC-38
Use Case Tested	UC-16
Pass/Fail criteria	The test passes if the admin changes the role name in Arabic or in English or change permissions and saves it to the database.
Input data	Name in Arabic, name in English, permissions checklist
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update role” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names and permissions checklist
<b>Step 2</b> Change the checked permissions <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the role is updated successfully”, and redirect to the role show page.

### Test Case 39

Test Case Identifier	TC-39
Use Case Tested	UC-17
Pass/Fail criteria	The test passes if the admin enters the permission name in Arabic, in English,, and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic
<b>Step 2</b> Insert an English name without an Arabic name <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic is required”

### Test Case 40

Test Case Identifier	TC-40
Use Case Tested	UC-17
Pass/Fail criteria	The test passes if the admin enters the permission name in Arabic, in English, and saves it to the database.
Input data	Name in Arabic, name in English
Test Procedure	Expected result
<b>Step 1</b>	The system will redirect to a new page with 2 inputs: name in English and name

Click on the “Add new permission” button	in Arabic
<b>Step 2</b> Insert an Arabic name without an English name <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English is required”

Test Case 41	
<b>Test Case Identifier</b>	TC-41
<b>Use Case Tested</b>	UC-17
<b>Pass/Fail criteria</b>	The test passes if the admin enters the permission name in Arabic, in English, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic
<b>Step 2</b> Insert an English name and an Arabic name, and check permissions <b>Step 3</b> Click on the “save” button	The system will show a message “New permission added successfully” and redirect to the permissions listing page

Test Case 42	
<b>Test Case Identifier</b>	TC-42
<b>Use Case Tested</b>	UC-18
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “list permissions”, and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “List permissions” button	The system redirects to another page with the permissions data table(id, name in Arabic, name in English”

Test Case 43	
<b>Test Case Identifier</b>	TC-43
<b>Use Case Tested</b>	UC-19
<b>Pass/Fail criteria</b>	The test passes if the admin changes the permission name in Arabic or in English and saves it to the database.

<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change name in English with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English can’t be empty”

<b>Test Case 44</b>	
<b>Test Case Identifier</b>	TC-44
<b>Use Case Tested</b>	UC-19
<b>Pass/Fail criteria</b>	The test passes if the admin changes the permission name in Arabic or English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change name in Arabic with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic can’t be empty”

<b>Test Case 45</b>	
<b>Test Case Identifier</b>	TC-45
<b>Use Case Tested</b>	UC-19
<b>Pass/Fail criteria</b>	The test passes if the admin changes the permission name in Arabic or English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b>	The system will accept the inputs, save them to the database, show the message “the major is updated successfully”, and redirect to the major show page.

Click on the “save” button	
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Test Case 46	
<b>Test Case Identifier</b>	TC-46
<b>Use Case Tested</b>	UC-19
<b>Pass/Fail criteria</b>	The test passes if the admin changes the permission name in Arabic or English and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update permission” button	The system will redirect to a new page with 2 inputs: name in English and name in Arabic with the previous saved names
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the permission is updated successfully”, and redirect to the permission show page.

Test Case 47	
<b>Test Case Identifier</b>	TC-47
<b>Use Case Tested</b>	UC-20
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific permission and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with permission data (id, name in Arabic, name in English)

Test Case 48	
<b>Test Case Identifier</b>	TC-48
<b>Use Case Tested</b>	UC-21
<b>Pass/Fail criteria</b>	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new permission” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list

<p><b>Step 2</b> Insert an Arabic name without an English name and choose a role <b>Step 3</b> Click on the “save” button</p>	The system will show a message “Name in English is required”
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<b>Test Case 49</b>	
<b>Test Case Identifier</b>	TC-49
<b>Use Case Tested</b>	UC-21
<b>Pass/Fail criteria</b>	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list
<b>Step 2</b> Insert an English name without an Arabic name and choose a role <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic is required”

<b>Test Case 50</b>	
<b>Test Case Identifier</b>	TC-50
<b>Use Case Tested</b>	UC-21
<b>Pass/Fail criteria</b>	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list
<b>Step 2</b> Insert an Arabic name without an English name and without choosing a role <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English and role are required”

### Test Case 51

Test Case Identifier	TC-51
Use Case Tested	UC-21
Pass/Fail criteria	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
Input data	Name in Arabic, name in English, role
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list
<b>Step 2</b> Insert an English name without an Arabic name and without choosing a role <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic and role are required”

### Test Case 52

Test Case Identifier	TC-52
Use Case Tested	UC-21
Pass/Fail criteria	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
Input data	Name in Arabic, name in English, role
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list
<b>Step 2</b> Insert an Arabic name and an English name without choosing a role <b>Step 3</b> Click on the “save” button	The system will show a message “role is required”

### Test Case 52

Test Case Identifier	TC-52
Use Case Tested	UC-17
Pass/Fail criteria	The test passes if the admin enters the user name in Arabic, in English, role, and saves it to the database.
Input data	Name in Arabic, name in English, role
Test Procedure	Expected result

<b>Step 1</b> Click on the “Add new user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role list
<b>Step 2</b> Insert an English name and an Arabic name, and choose a role <b>Step 3</b> Click on the “save” button	The system will show a message “New user added successfully” and redirect to the user listing page

### Test Case 53

<b>Test Case Identifier</b>	TC-53
<b>Use Case Tested</b>	UC-22
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “list users”, and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “List users” button	The system redirects to another page with the users’ data table(id, name in Arabic, name in English, role”

### Test Case 54

<b>Test Case Identifier</b>	TC-54
<b>Use Case Tested</b>	UC-23
<b>Pass/Fail criteria</b>	The test passes if the admin changes the user name in Arabic or English or role and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role with the previous saved data
<b>Step 2</b> Change name in English with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in English can’t be empty”

### Test Case 55

<b>Test Case Identifier</b>	TC-55
<b>Use Case Tested</b>	UC-23
<b>Pass/Fail criteria</b>	The test passes if the admin changes the user name in Arabic or English or role and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result

<b>Step 1</b> Click on the “Update user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role with the previous saved data
<b>Step 2</b> Change name in Arabic with “empty” string <b>Step 3</b> Click on the “save” button	The system will show a message “Name in Arabic can’t be empty”

Test Case 56	
<b>Test Case Identifier</b>	TC-56
<b>Use Case Tested</b>	UC-23
<b>Pass/Fail criteria</b>	The test passes if the admin changes the user name in Arabic or English or role and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role with the previous saved data
<b>Step 2</b> Change the name in Arabic with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the user is updated successfully”, and redirect to the user show page.

Test Case 57	
<b>Test Case Identifier</b>	TC-57
<b>Use Case Tested</b>	UC-23
<b>Pass/Fail criteria</b>	The test passes if the admin changes the user name in Arabic or English or role and saves it to the database.
<b>Input data</b>	Name in Arabic, name in English, role
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role with the previous saved data
<b>Step 2</b> Change the name in English with a new string <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the user is updated successfully”, and redirect to the user show page.

### Test Case 58

Test Case Identifier	TC-58
Use Case Tested	UC-23
Pass/Fail criteria	The test passes if the admin changes the user name in Arabic or English or role and saves it to the database.
Input data	Name in Arabic, name in English, role
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update user” button	The system will redirect to a new page with 3 inputs: name in English and name in Arabic, role with the previous saved data
<b>Step 2</b> Change the role <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the user is updated successfully”, and redirect to the user show page.

### Test Case 59

Test Case Identifier	TC-59
Use Case Tested	UC-24
Pass/Fail criteria	The test passes if the admin clicks “list requests”, and redirects to a new page
Input data	
Test Procedure	Expected result
<b>Step 1</b> Click on the “List requests” button	The system redirects to another page with the requests data table(id, date, status)

### Test Case 60

Test Case Identifier	TC-60
Use Case Tested	UC-25
Pass/Fail criteria	The test passes if the admin enters the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Step 2</b> Insert Terms in Arabic, terms in English, conditions in Arabic, and conditions in English <b>Step 3</b>	The system will show a message “New terms and conditions added successfully” and redirect to the user list page

Click on the “save” button	
<b>Test Case 61</b>	
<b>Test Case Identifier</b>	TC-61
<b>Use Case Tested</b>	UC-25
<b>Pass/Fail criteria</b>	The test passes if the admin enters the terms, and conditions and saves it to the database.
<b>Input data</b>	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Step 2</b> Insert Arabic terms without terms in English, conditions in Arabic, or conditions in English <b>Step 3</b> Click on the “save” button	The system will show a message “Terms in English, conditions in Arabic, and conditions in English are required”

<b>Test Case 62</b>	
<b>Test Case Identifier</b>	TC-62
<b>Use Case Tested</b>	UC-25
<b>Pass/Fail criteria</b>	The test passes if the admin enters the terms, and conditions and saves it to the database.
<b>Input data</b>	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Step 2</b> Insert English terms without terms in Arabic, conditions in Arabic, or conditions in English <b>Step 3</b> Click on the “save” button	The system will show a message “Terms in Arabic, conditions in Arabic, and conditions in English are required”

### Test Case 63

Test Case Identifier	TC-63
Use Case Tested	UC-25
Pass/Fail criteria	The test passes if the admin enters the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Step 2</b> Insert Arabic conditions without terms in English, terms in Arabic, or conditions in English <b>Step 3</b> Click on the “save” button	The system will show a message “Terms in English, terms in Arabic, and conditions in English are required”

### Test Case 64

Test Case Identifier	TC-64
Use Case Tested	UC-25
Pass/Fail criteria	The test passes if the admin enters the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Add new terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Step 2</b> Insert English conditions without terms in English, terms in Arabic, or conditions in Arabic <b>Step 3</b> Click on the “save” button	The system will show a message “Terms in English, terms in Arabic, and conditions in Arabic are required”

### Test Case 65

Test Case Identifier	TC-65
Use Case Tested	UC-26
Pass/Fail criteria	The test passes if the admin clicks "show terms and conditions" and redirects to a new page
Input data	
Test Procedure	Expected result
<b>Step 1</b> Click on the "Show terms and conditions" button	The system redirects to another page with terms and conditions data

### Test Case 66

Test Case Identifier	TC-66
Use Case Tested	UC-27
Pass/Fail criteria	The test passes if the admin changes the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the "Update terms and conditions" button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English with the previous saved data
<b>Step 2</b> Change terms in Arabic with an "empty" string <b>Step 3</b> Click on the "save" button	The system will show a message "Terms in Arabic can't be empty"

### Test Case 67

Test Case Identifier	TC-67
Use Case Tested	UC-27
Pass/Fail criteria	The test passes if the admin changes the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the "Update terms and	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English with the previous saved data

conditions" button	
<b>Step 2</b> Change terms in English with an "empty" string <b>Step 3</b> Click on the "save" button	The system will show a message "Terms in English can't be empty"

Test Case 68	
<b>Test Case Identifier</b>	TC-68
<b>Use Case Tested</b>	UC-27
<b>Pass/Fail criteria</b>	The test passes if the admin changes the terms, and conditions and saves it to the database.
<b>Input data</b>	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the "Update terms and conditions" button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English with the previous saved data
<b>Step 2</b> Change conditions in Arabic with an "empty" string <b>Step 3</b> Click on the "save" button	The system will show the message "Conditions in Arabic can't be empty"

Test Case 69	
<b>Test Case Identifier</b>	TC-69
<b>Use Case Tested</b>	UC-27
<b>Pass/Fail criteria</b>	The test passes if the admin changes the terms, and conditions and saves it to the database.
<b>Input data</b>	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the "Update terms and conditions" button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English with the previous saved data
<b>Step 2</b> Change conditions in English with an "empty" string <b>Step 3</b> Click on the "save" button	The system will show the message "Conditions in English can't be empty"

### Test Case 70

Test Case Identifier	TC-70
Use Case Tested	UC-27
Pass/Fail criteria	The test passes if the admin changes the terms, and conditions and saves it to the database.
Input data	Terms in Arabic, terms in English, conditions in Arabic, conditions in English
Test Procedure	Expected result
<b>Step 1</b> Click on the “Update terms and conditions” button	The system will redirect to a new page with 4 inputs: Terms in Arabic, terms in English, conditions in Arabic, conditions in English with the previous saved data
<b>Step 2</b> Change Terms in Arabic, terms in English, conditions in Arabic, or conditions in English <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “terms and conditions are updated successfully”, and redirect to the terms and conditions show page.

### Test Case 71

Test Case Identifier	TC-71
Use Case Tested	UC-28
Pass/Fail criteria	The test passes if the user sends a message and saved to database
Input data	Email, message
Test Procedure	Expected result
<b>Step 1</b> Click on the “contact us” button	The system will redirect to a new page with 2 inputs: email and message
<b>Step 2</b> Enter email without message <b>Step 3</b> Click on the “send” button	The system will show the message “message can’t be empty”

### Test Case 72

Test Case Identifier	TC-72
Use Case Tested	UC-28
Pass/Fail criteria	The test passes if the user sends a message and saved to database
Input data	Email, message
Test Procedure	Expected result

<b>Step 1</b> Click on the “contact us” button	The system will redirect to a new page with 2 inputs: email and message
<b>Step 2</b> Enter message without email <b>Step 3</b> Click on the “send” button	The system will show the message “email can’t be empty”

### Test Case 73

<b>Test Case Identifier</b>	TC-73
<b>Use Case Tested</b>	UC-28
<b>Pass/Fail criteria</b>	The test passes if the user sends a message and saved to database
<b>Input data</b>	Email, message
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “contact us” button	The system will redirect to a new page with 2 inputs: email and message
<b>Step 2</b> Enter message with unreal email <b>Step 3</b> Click on the “send” button	The system will show the message “this email doesn’t exist”

### Test Case 74

<b>Test Case Identifier</b>	TC-74
<b>Use Case Tested</b>	UC-28
<b>Pass/Fail criteria</b>	The test passes if the user sends a message and saved to database
<b>Input data</b>	Email, message
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “contact us” button	The system will redirect to a new page with 2 inputs: email and message
<b>Step 2</b> Enter message with real email <b>Step 3</b> Click on the “send” button	The system will accept the inputs, save them to the database, show the message “message send successfully”, and redirect to the home page

### Test Case 75

<b>Test Case Identifier</b>	TC-75
<b>Use Case Tested</b>	UC-29
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “list messages”, and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result

<b>Step 1</b> Click on the “List messages” button	The system redirects to another page with the messages data table(id, email, and date”
<b>Test Case 76</b>	
<b>Test Case Identifier</b>	TC-76
<b>Use Case Tested</b>	UC-30
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific message and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with message data (id, email, message, and date)
<b>Test Case 77</b>	
<b>Test Case Identifier</b>	TC-77
<b>Use Case Tested</b>	UC-31
<b>Pass/Fail criteria</b>	The test passes if the admin changes the status of the message and saves it to the database.
<b>Input data</b>	Status dropdown
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “change status” button	The system will show a dropdown with different statuses
<b>Step 2</b> Choose a status <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “the message status is updated successfully”, and reload the show page with new status.
<b>Test Case 78</b>	
<b>Test Case Identifier</b>	TC-78
<b>Use Case Tested</b>	UC-32
<b>Pass/Fail criteria</b>	The test passes if the admin enters the medical advice data and saves it to the database.
<b>Input data</b>	title in Arabic, title in English, content in Arabic, content in English, image
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new medical advice” button	The system will redirect to a new page with 5 inputs: title in Arabic, title in English, content in Arabic, content in English, image
<b>Step 2</b> Insert English title without content in	The system will show a message “content in English, image are required”

English , image <b>Step 3</b> Click on the “save” button	
<b>Test Case 79</b>	
<b>Test Case Identifier</b>	TC-79
<b>Use Case Tested</b>	UC-32
<b>Pass/Fail criteria</b>	The test passes if the admin enters the medical advice data and saves it to the database.
<b>Input data</b>	title in Arabic, title in English, content in Arabic, content in English , image
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Add new medical advice” button	The system will redirect to a new page with 5 inputs: title in Arabic, title in English, content in Arabic, content in English , image
<b>Step 2</b> Insert all inputs <b>Step 3</b> Click on the “save” button	The system will accept the inputs, save them to the database, show the message “new medical advice created successfully”, and redirect to list advice page
<b>Test Case 80</b>	
<b>Test Case Identifier</b>	TC-80
<b>Use Case Tested</b>	UC-33
<b>Pass/Fail criteria</b>	The test passes if the admin clicks “show” on a specific medical advice and redirects to a new page
<b>Input data</b>	
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Show” button	The system redirects to another page with message data (id, email message, and date)
<b>Test Case 81</b>	
<b>Test Case Identifier</b>	TC-81
<b>Use Case Tested</b>	UC-34
<b>Pass/Fail criteria</b>	The test passes if the admin changes the medical advice data and saves it to the database.
<b>Input data</b>	title in Arabic, title in English, content in Arabic, content in English , image
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “medical advice terms and conditions” button	The system will redirect to a new page with 5 inputs: Title in Arabic, title in English, content in Arabic, content in English , image with the previous saved data

<p><b>Step 2</b> Change Title in Arabic, title in English, content in Arabic, content in English , image <b>Step 3</b> Click on the “save” button</p>	<p>The system will accept the inputs, save them to the database, show the message “medical advice updated successfully”, and redirect to the medical advice show page.</p>
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### Test Case 82

<b>Test Case Identifier</b>	TC-82
<b>Use Case Tested</b>	UC-34
<b>Pass/Fail criteria</b>	The test passes if the admin changes the medical advice data and saves it to the database.
<b>Input data</b>	title in Arabic, title in English, content in Arabic, content in English , image
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update medical advice” button	The system will redirect to a new page with 5 inputs: Title in Arabic, title in English, content in Arabic, content in English , image with the previous saved data
<b>Step 2</b> Change title in English with an “empty” string <b>Step 3</b> Click on the “save” button	The system will show the message “title in English can’t be empty”

### Test Case 83

<b>Test Case Identifier</b>	TC-83
<b>Use Case Tested</b>	UC-34
<b>Pass/Fail criteria</b>	The test passes if the admin changes the medical advice data and saves it to the database.
<b>Input data</b>	title in Arabic, title in English, content in Arabic, content in English , image
<b>Test Procedure</b>	Expected result
<b>Step 1</b> Click on the “Update medical advice” button	The system will redirect to a new page with 5 inputs: Title in Arabic, title in English, content in Arabic, content in English , image with the previous saved data
<b>Step 2</b> Change content in English with an “empty” string <b>Step 3</b> Click on the “save” button	The system will show the message “content in English can’t be empty”

### Test Case 84

Test Case Identifier	TC-84
Use Case Tested	UC-35
Pass/Fail criteria	The test passes if the user clicks " download app structure"
Input data	
Test Procedure	Expected result
<b>Step 1</b> Click on the " download app structure" button	The system will download a pdf file with App structure data

### Test Case 85

Test Case Identifier	TC-85
Use Case Tested	UC-36
Pass/Fail criteria	The test passes if the admin clicks " upload app structure file"
Input data	Upload file
Test Procedure	Expected result
<b>Step 1</b> Click on the " upload app structure" button	The system will redirect to a new page with 1 input: choose file
<b>Step 2</b> Click "choose file" <b>Step 3</b> Click ' upload'	The system will show the message "file uploaded successfully"

### Test Case 86

Test Case Identifier	TC-86
Use Case Tested	UC-36
Pass/Fail criteria	The test passes if the admin clicks " upload app structure file"
Input data	Upload file
Test Procedure	Expected result
<b>Step 1</b> Click on the " upload app structure" button	The system will redirect to a new page with 1 input: choose file
<b>Step 2</b> Click "choose file", with wrong format or large size <b>Step 3</b> Click ' upload'	The system will show the message "file is too big, and should be in pdf form"

## Test Case 87

Test Case Identifier	TC-87
Use Case Tested	UC-38
Pass/Fail criteria	The test passes if the user clicks "show profile" redirects to a new page
Input data	
Test Procedure	Expected result
Step 1 Click on the "Show Profile" button	The system redirects to another page with logged in user data

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Saturday	Sunday	Monday
08-06	09-06	10-06
ل بوجد	مواعيد	مواعيد
09:45 PM	07:45 AM	10:45 PM
10:45 PM	09:25 AM	11:05 AM

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Choose Specialty
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Search

Medix / Darrell Batz / Enter The Reservation Information

**Doctor Darrell Batz**

Specialist Laboratories

View Maadi: 169 Zboncak Run Apt. 280 Eduardofort, NM 35761

**Day : Saturday 8-6-2024**

**From : 9:45 PM / To : 10:30 PM**

### Enter The Reservation Information

We wish you an enjoyable and smooth experience

Full Name\*

Mobile Number\*

Email Address

**Book**

170



MAIN  
Dashboard

SERVICES PROVIDER  
Profile

APPOINTMENTS  
Appointments

## Welcome to Dashboard

### SCHEDULES



● TOTAL SCHEDULES  
13

● DAY SCHEDULES  
1

● DAY BOOKING  
1

### RATING



● TOTAL RATING  
5

● TOTAL COMMENTS  
1

### BOOKINGS



● TOTAL APPOINTMENTS  
1

● TODAY APPOINTMENTS  
1

● TOMORROW APPOINTMENTS  
0

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MAIN  
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SERVICES PROVIDER  
Profile

APPOINTMENTS  
Appointments

- Schedules
- Patients



### Service Provider

Edit profile

Approved

#### TITLE

Professor

#### SUMMARY:

Service Provider Summary

#### SPECIALIZATION:

Dermatology

#### JOINED:

Jun 08, 2024

#### LIVES:

Cairo, Maadi

#### EMAIL ADDRESS:

service@provider.com

#### ADDRESS:

Service Provider Address



Overall Rating

#### PRICE:

12345 EGP

#### PERSONAL INFORMATION:

+201840394088

+201503052568

#### CLINIC TEL:

+201503052568

+201503052568

#### MEDICAL ASSOCIATION CARD:

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Its a Good Doctor..

User

1 hour ago



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## PATIENTS



● TOTAL PATIENTS **1**    ● ACTIVE PATIENTS **1**    ● INACTIVE PATIENTS **0**

## SERVICE PROVIDERS



● TOTAL SERVICE PROVIDERS **8001**    ● ACTIVE SERVICE PROVIDERS **8001**    ● INACTIVE SERVICE PROVIDERS **0**

## REQUESTS



● TOTAL PENDING REQUESTS **2671**    ● TOTAL APPROVAL REQUESTS **2732**



Admin

admin@admin.com

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## MAJORS



● TOTAL MAJORS **44**    ● ACTIVE MAJORS **44**    ● INACTIVE MAJORS **0**

## CITIES



● TOTAL CITIES **27**    ● ACTIVE CITIES **27**    ● INACTIVE CITIES **0**

## ADVICES



● TOTAL ADVICES **20**    ● ACTIVE ADVICES **20**    ● INACTIVE ADVICES **0**

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## Service Provider / Service Provider Requests

[+ Add New Service Provider](#)Show **10** entries

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#	SERVICE PROVIDER NAME (EN)	SERVICE PROVIDER NAME (AR)	STATUS	ACTIONS
1	Eudora Simonis	زايده سيمونيز	Pending	<a href="#">View</a> <a href="#">Delete</a>
2	Elissa Heidenreich	صلح الدين الحيدر	Pending	<a href="#">View</a> <a href="#">Delete</a>
3	Milo Sipes	راشد الحالدي	Pending	<a href="#">View</a> <a href="#">Delete</a>
4	Nikko Trantow	مانزان فارس عبد الحميد الشيباني	Pending	<a href="#">View</a> <a href="#">Delete</a>
5	Rebeka Langworth	سميرى لانغرلاند	Pending	<a href="#">View</a> <a href="#">Delete</a>
6	Aryanna Cummerata	عذالونهاب الحصيري	Pending	<a href="#">View</a> <a href="#">Delete</a>
7	Josianne Wisozk	السيدة نوال الحصيري	Pending	<a href="#">View</a> <a href="#">Delete</a>
8	Rodger Feest	اكرم عبدالمجيد براء باشا	Pending	<a href="#">View</a> <a href="#">Delete</a>
9	Zelda Mertz PhD	إيلنس نعمة المشيقجي	Pending	<a href="#">View</a> <a href="#">Delete</a>