



KOLEJ PROFESIONAL MARA BERANANG DIPLOMA  
IN COMPUTER SCIENCE

**COURSE NAME** : PROJECT DESIGN IMPLEMENTATION AND EVALUATION  
**COURSE CODE** : CSC2764  
**ACADEMIC SESSION** : SESSION 2/2023  
**TYPE OF ASSESSMENT** : FINAL PROJECT REPORT  
**DURATION** : 15<sup>th</sup> SEPTEMBER 2023 – 20<sup>th</sup> OCTOBER 2023

**CLO 3: Build a project according to the proposed plan and design (C3, PLO 6).**

**INSTRUCTION TO CANDIDATES:**

1. Late submissions after the given due date will not be accepted.
2. Report should be written in using:

Font Type: Arial

Size: 11 pts

Line Spacing: 1.5

Personal Details	
<b>Name</b>	NURBASHIERAH BINTI MOHAMAD HAFIDZI
<b>I/D Number</b>	
<b>Class</b>	<input type="checkbox"/> DCS 6A <input type="checkbox"/> DCS 6B <input type="checkbox"/> DCS 6C
<b>Lecturer</b>	<input type="checkbox"/> MAWARWIDURI AB HALIK <input type="checkbox"/> NINI ANIZA ZAKARIA <input type="checkbox"/> ROZANA SUMAN

Section / Question No.	Marks
1(a)	
2 (a)	
2 (b)	
<b>Total</b>	<b>/ 60</b>

## SCENARIO:

Based on the Project Plan produced in Phase 1, the management committee had agreed with the proposed system. As a System Developer, you are now entering the most crucial phase in the system development where you are responsible for ensuring that the Project Plan is properly converted into design based on the user's requirements.

Apart from that, you are also required to proceed with the implementation of the system by using any appropriate software(s). The testing also needs to be conducted by using any appropriate testing methods that available, to make sure that your developed system meets all the user requirements (as being specified in Phase 1) and successfully functions without any error. In this project report, you are required to perform the following tasks:

### 1. PROJECT DESIGN/STRUCTRE

- a) Prepare a System Design Specification (SDS) by implementing the best practices of design aspects which include:
  - Use case diagram.
  - Sequence diagram
  - Class diagram
  - Storyboard

### 2. PROJECT IMPLEMENTATION

- a) Construct an original working system based on the user requirements, which fulfills the following criteria:
  - Functionality
  - Usability
  - Security Performance
  - Efficiency
- b) Prepare test cases by following the standard format to show verification of the project implementation.

### Assessment Rubrics:

Task		Mark			Marks Obtained
		2	4	6	
1(a)	Prepare a System Design Specification (SDS) by implementing the best practices of design aspects including:				
	i) Use Case Diagram	<ul style="list-style-type: none"> <li>▪ Incomplete use case diagram for the system development which does not include any one of below:               <ul style="list-style-type: none"> <li><input type="checkbox"/> Correct actors</li> <li><input type="checkbox"/> Correct use cases</li> <li><input type="checkbox"/> Correct relationship between actors and use case.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Complete use case diagram for the system development include:               <ul style="list-style-type: none"> <li><input type="checkbox"/> Correct actors</li> <li><input type="checkbox"/> Correct use case</li> <li><input type="checkbox"/> Correct relationship between actors and use case.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Complete use case diagram for the system development include:               <ul style="list-style-type: none"> <li><input type="checkbox"/> Correct actors</li> <li><input type="checkbox"/> Correct use cases</li> <li><input type="checkbox"/> Correct relationship between actors and use case.</li> <li><input type="checkbox"/> Correct used of include and extend relationship.</li> <li><input type="checkbox"/> Cover all functionalities of the system and best practices of design</li> </ul> </li> </ul>	

	ii) Sequence Diagram	<input type="checkbox"/> Incomplete sequence diagram produces which not include either object, messages used, and the lifeline begin and ending. <input type="checkbox"/> Sequence diagram does not cover all the use case diagrams	<input type="checkbox"/> Complete sequence diagram produces which include object, messages used, and the lifeline begin and ending. <input type="checkbox"/> The number of sequence diagram produced is not consistent with the number of use cases in the use case diagram.	<input type="checkbox"/> Complete sequence diagram produces which include object, messages used, and the lifeline begin and ending. <input type="checkbox"/> The number of sequence diagram produced is consistent with the number of use cases in the use case diagram. <input type="checkbox"/> The sequence diagram produced covers the alternative options of the specific use cases. <input type="checkbox"/> The steps provided in the sequence diagram produced are logic and includes the best practices of design	
	iii) Class Diagram	<input type="checkbox"/> Incomplete Class Diagram which not includes either correct classname, attributes and behaviors/operations. <input type="checkbox"/> Partly correct relationship between class and symbol used of relationship and relationship naming. <input type="checkbox"/> Partly correct use of multiplicity	<input type="checkbox"/> Complete Class Diagram which includes correct class name, attributes, and behaviors/operations. <input type="checkbox"/> Partly correct relationship between class and symbol used of relationship and relationship naming. <input type="checkbox"/> Partly correct use of multiplicity.	<input type="checkbox"/> Complete Class Diagram which includes correct class name, attributes and behaviors/operations. <input type="checkbox"/> Correct relationship between class and symbol used of relationship and relationship naming. <input type="checkbox"/> Correct use of multiplicity. The class diagram produced reflects the system implementation and includes the best practices of design	

	iv) Storyboard	<input type="checkbox"/> Incomplete storyboard of system development which does not include either identifying symbols or naming label. <input type="checkbox"/> The story board produced not cover all forms/page of the system development	<input type="checkbox"/> Complete storyboard of system development which includes identifying symbols and naming label. <input type="checkbox"/> The story board produced covers all the forms of the developed system. <input type="checkbox"/> The flow of the storyboard partly logic	<input type="checkbox"/> Complete storyboard of system development which includes identifying symbols and naming label. <input type="checkbox"/> The story board produced covers all the forms of the developed system. <input type="checkbox"/> The flow of the storyboard is logic. <input type="checkbox"/> The flow of the storyboard produced are consistent with thesequence of the processes in the sequence diagram and includes the best practices of design	
Task		Mark			
		15	30		
2(a)	Construct an original working system based on the user requirements, which fulfills the following criteria: i) Functionality ii) Usability iii) Security iv) Efficiency	<input type="checkbox"/> Some of the functions provided are working as expected. (2 M) <input type="checkbox"/> Only some of the functions provided in the system provide the correct result and output. (2 M) <input type="checkbox"/> Only some of the functions are appropriate for the users to accomplish task. (2 M) <input type="checkbox"/> Only some of the functions provided are consistent with the user requirements. (2 M) <input type="checkbox"/> Some links provided do not take the user to the predefined forms/page. (2M) <input type="checkbox"/> Links for navigation are not clearly labelled, making it difficult for the user to move from a form/page to related form/page (forward and back). (2 M) <input type="checkbox"/> The system's forms/page layout is cluttered look. (1 M)	<input type="checkbox"/> All the functions provided are working as expected. (4 M) <input type="checkbox"/> All the functions provided in the system provide the correct result and output. (4 M) <input type="checkbox"/> All the functions provided appropriate with the users to accomplish task. (4 M) <input type="checkbox"/> All the functions provided are consistent with the user requirements. (4 M) <input type="checkbox"/> Links for navigation take the user to the predefined forms/page. (4 M) <input type="checkbox"/> Links for navigation are clearly labelled, allowing the user to easily move from a form/page to related form/page (forward and back). (4 M) <input type="checkbox"/> The system's forms/page have an attractive, usable layout. (2 M) <input type="checkbox"/> Buttons placement are at a		

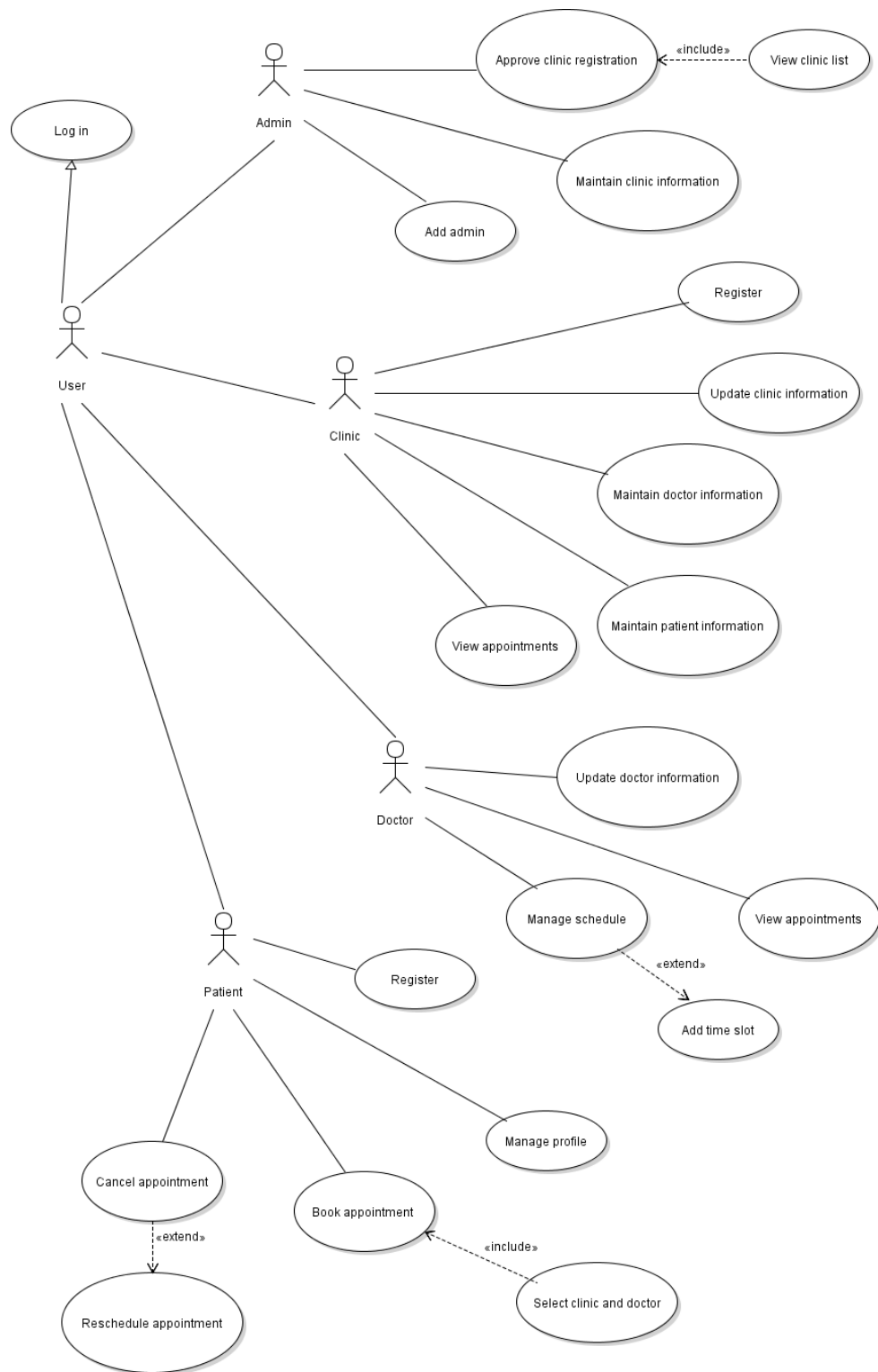
		<input type="checkbox"/> Buttons placement is not at appropriate place. (1 M) <input type="checkbox"/> The system provides a basic username and password for the user. (1 M)	<input type="checkbox"/> reasonable place. (2 M) <input type="checkbox"/> The system provides more secure security features by providing different levels of access for each user to access certain information based on their user type. (2 M)	
Task		Mark		
		3	6	
2(b)	Prepare test cases by following the standard given format to show verification of the project implementation	<p>Produce incomplete test cases which might include only some of the components of the Test Case ID, Test Case Description, Input Data, Expected Result, Actual Result, Pass/Fail and Remarks. (1 M)</p> <p>The test cases produced only cover part of the system's functions. (1 M)</p> <p>The test cases produced are not organized properly and are not based on each function available in each form/page. (1 M)</p>	<input type="checkbox"/> Produce a complete test case which contained all the components such as the Test Case ID, Test Case Description, Input Data, Expected Result, Actual Result, Pass/Fail and Remarks. (2 M) <input type="checkbox"/> The test cases produced cover all of the system's functions. (2 M) <input type="checkbox"/> The test cases are produced based on each function available in each form/page. (2 M)	
<b>Total Marks Earned</b>				/60
<b>Total Percentage (50%)</b>				

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## 1.0 System Design Specification ( SDS )

### 1.1 Use case diagram

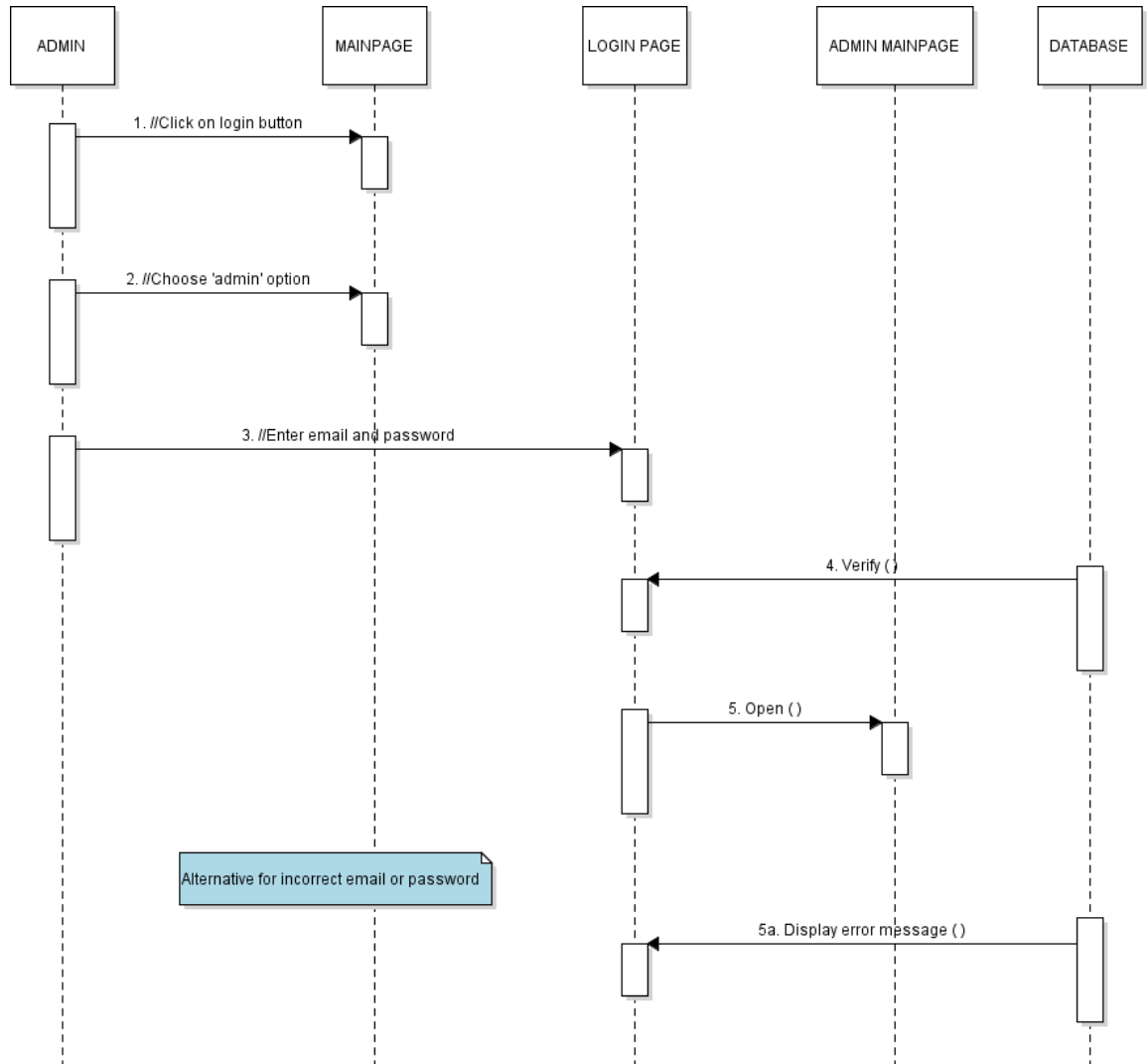




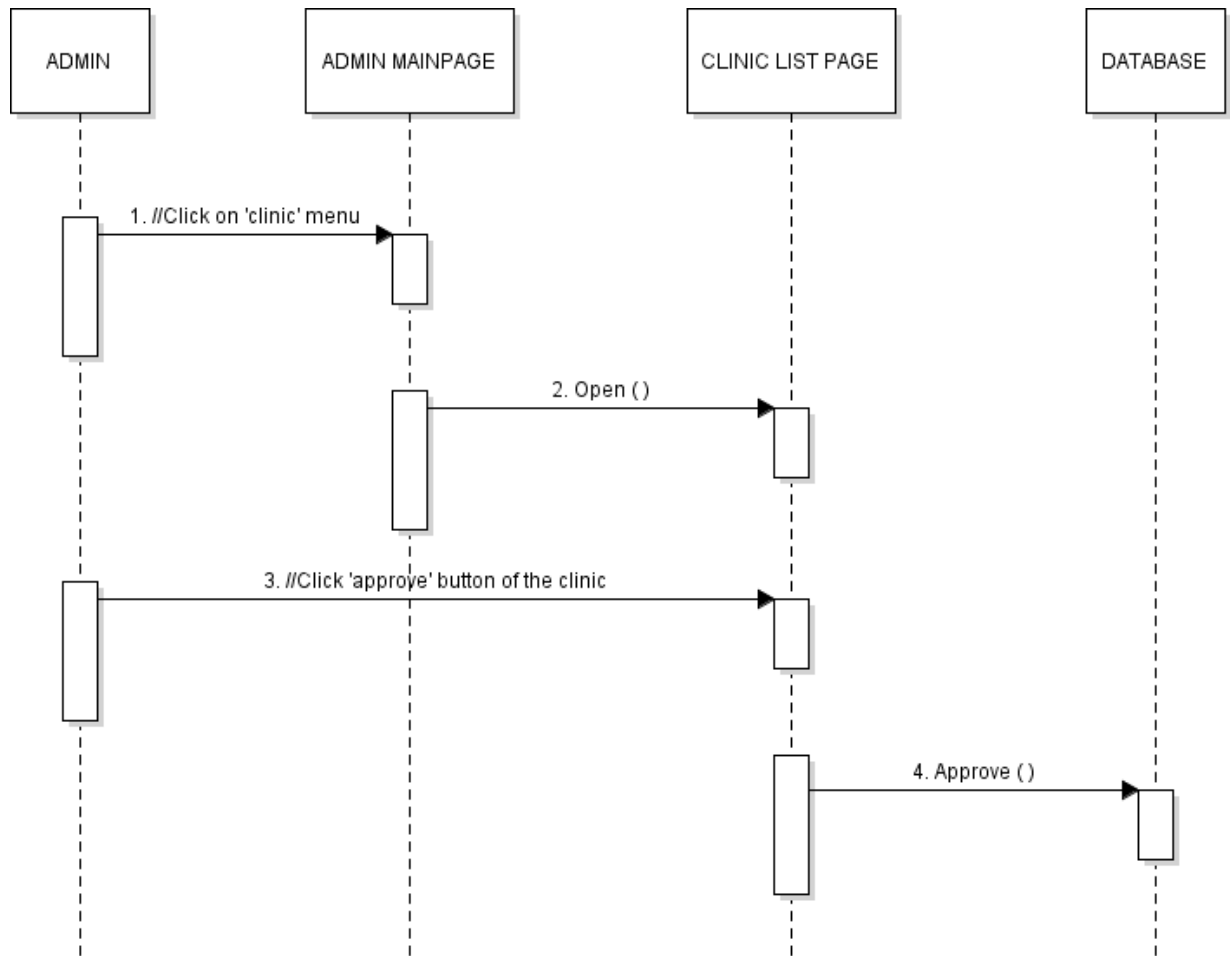
## 1.2 Sequence diagram

### 1.2.1 Admin

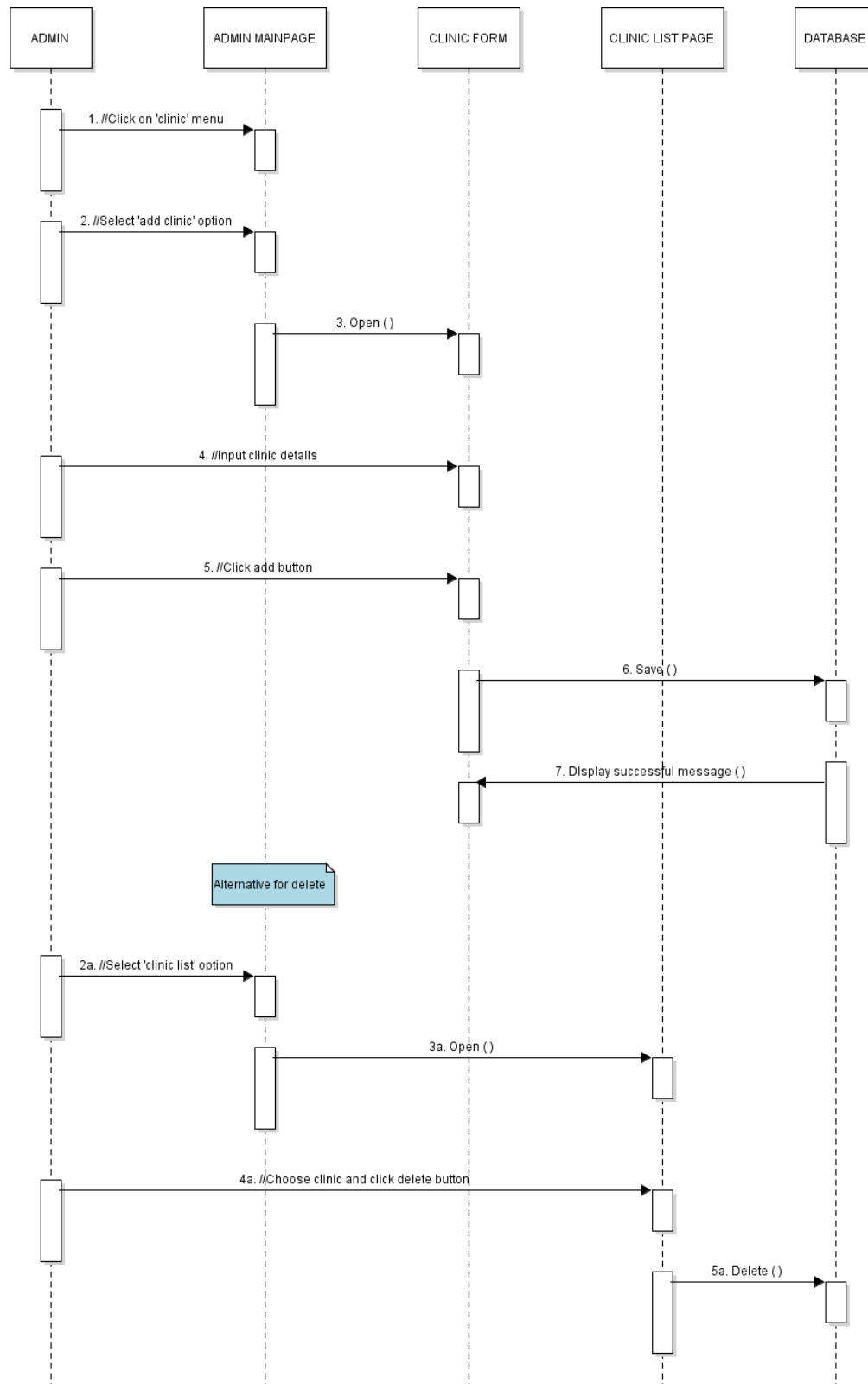
#### I) Login



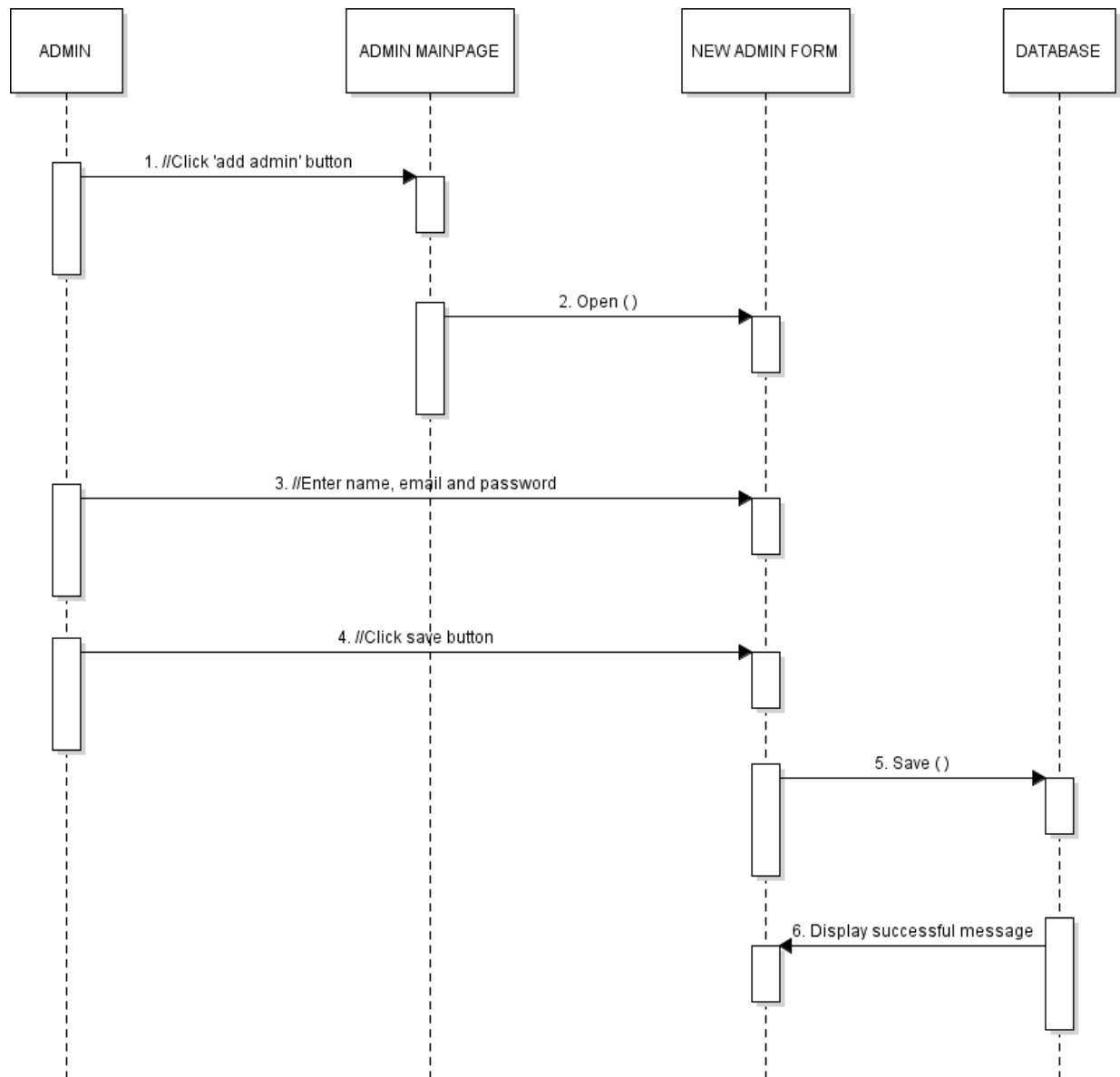
## II) Approve clinic registration



### III) Maintain clinic

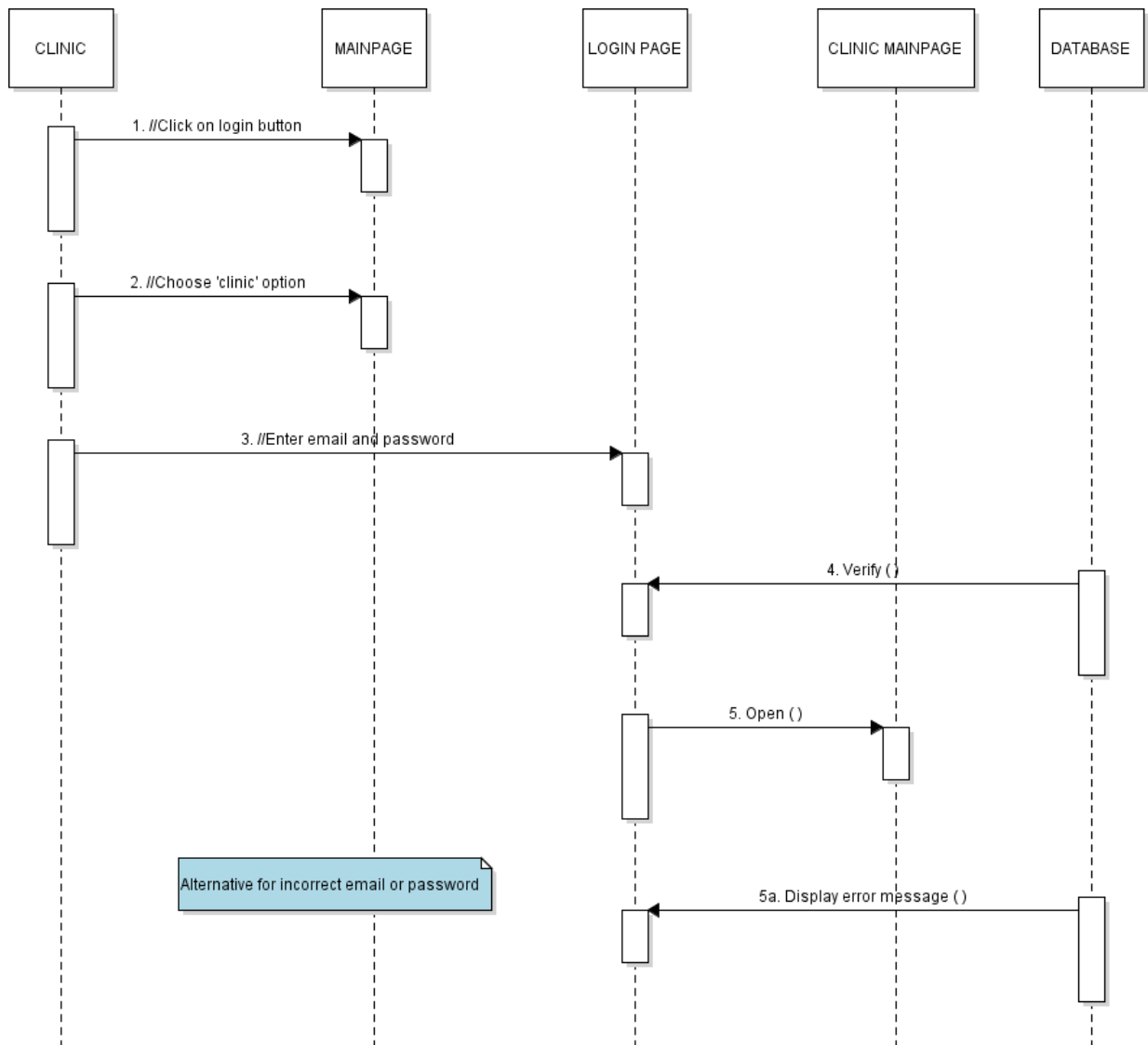


#### IV) Add admin

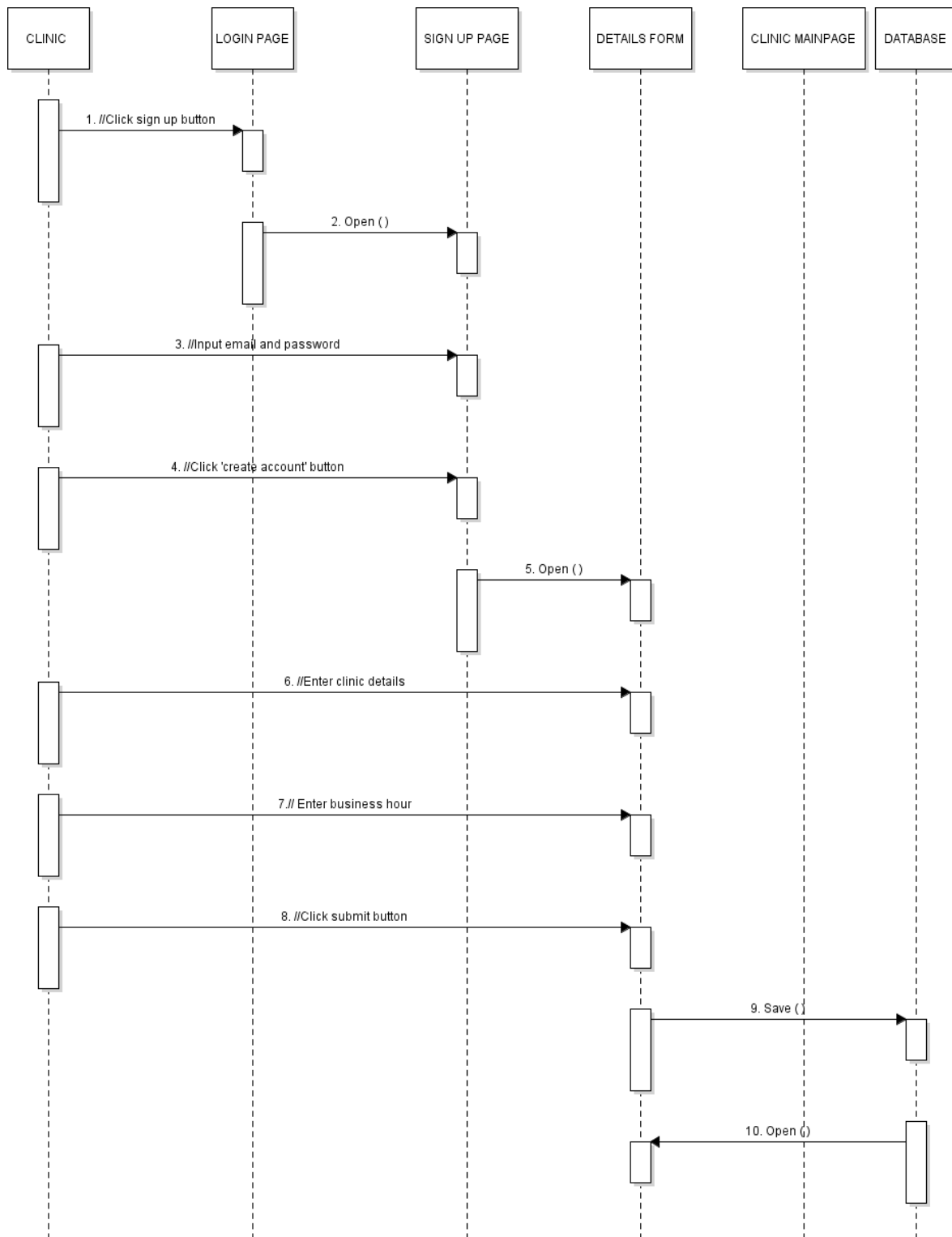


## 1.2.2 Clinic

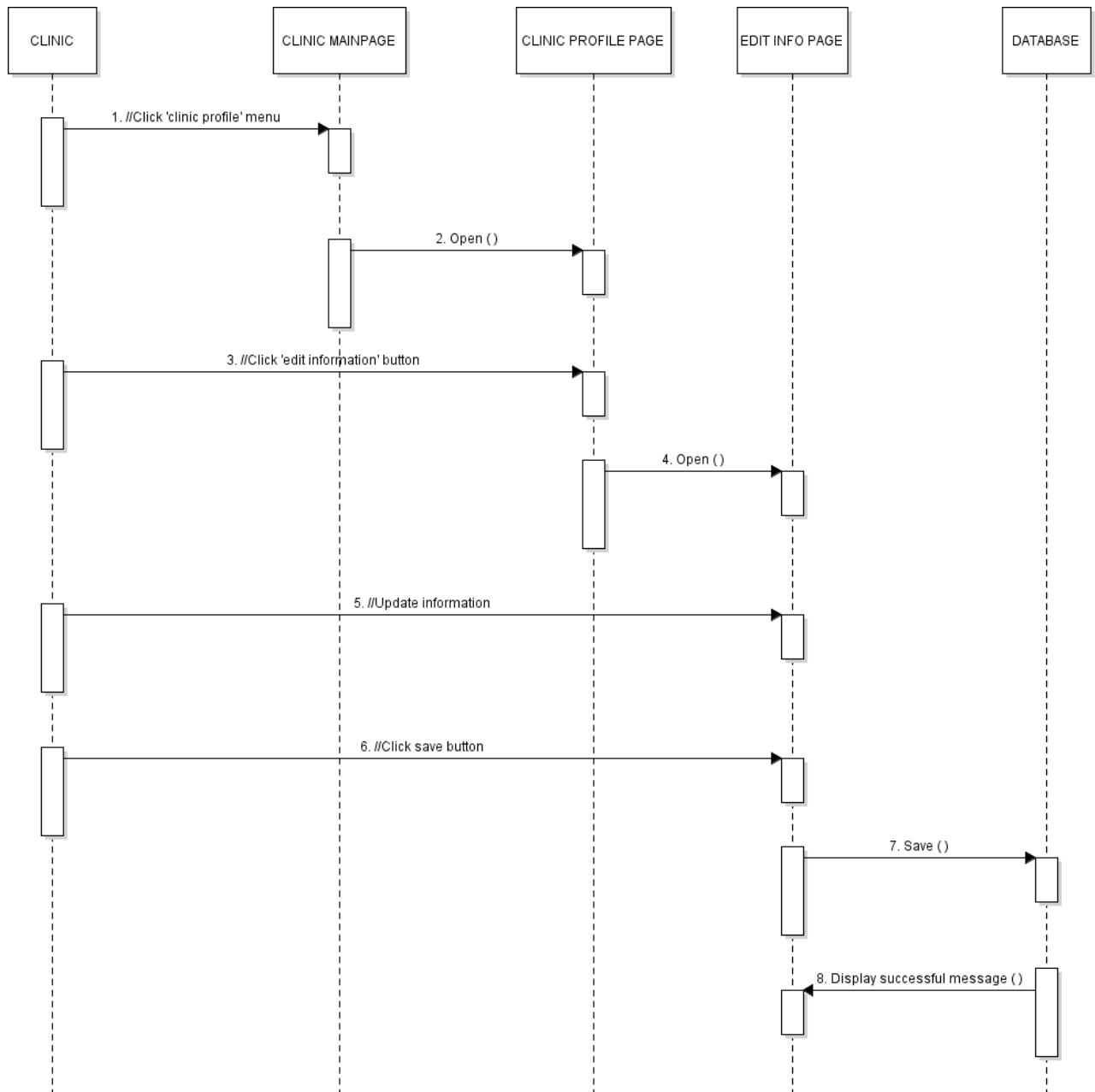
### I) Login



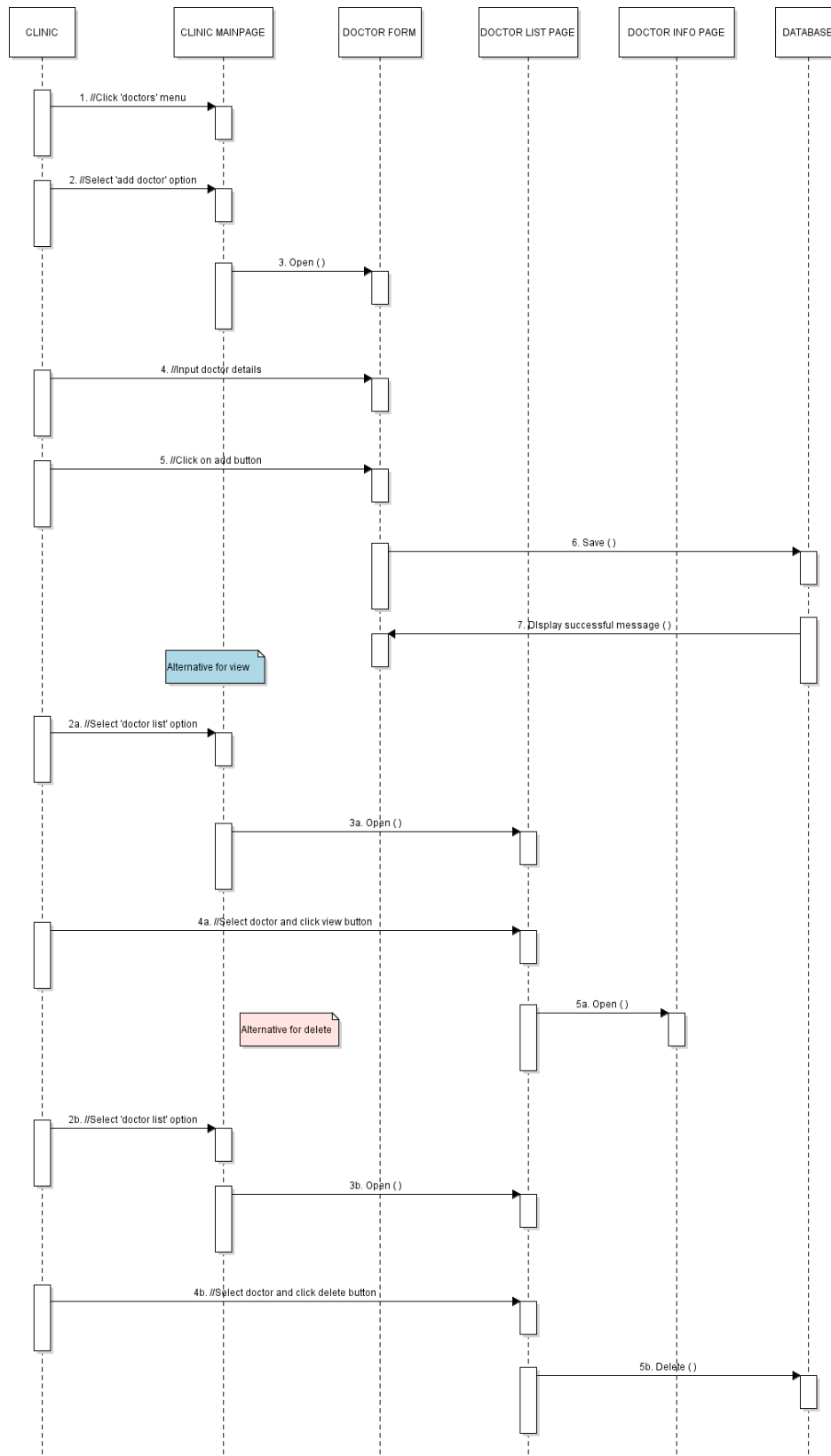
## II) Register



### III) Update clinic information

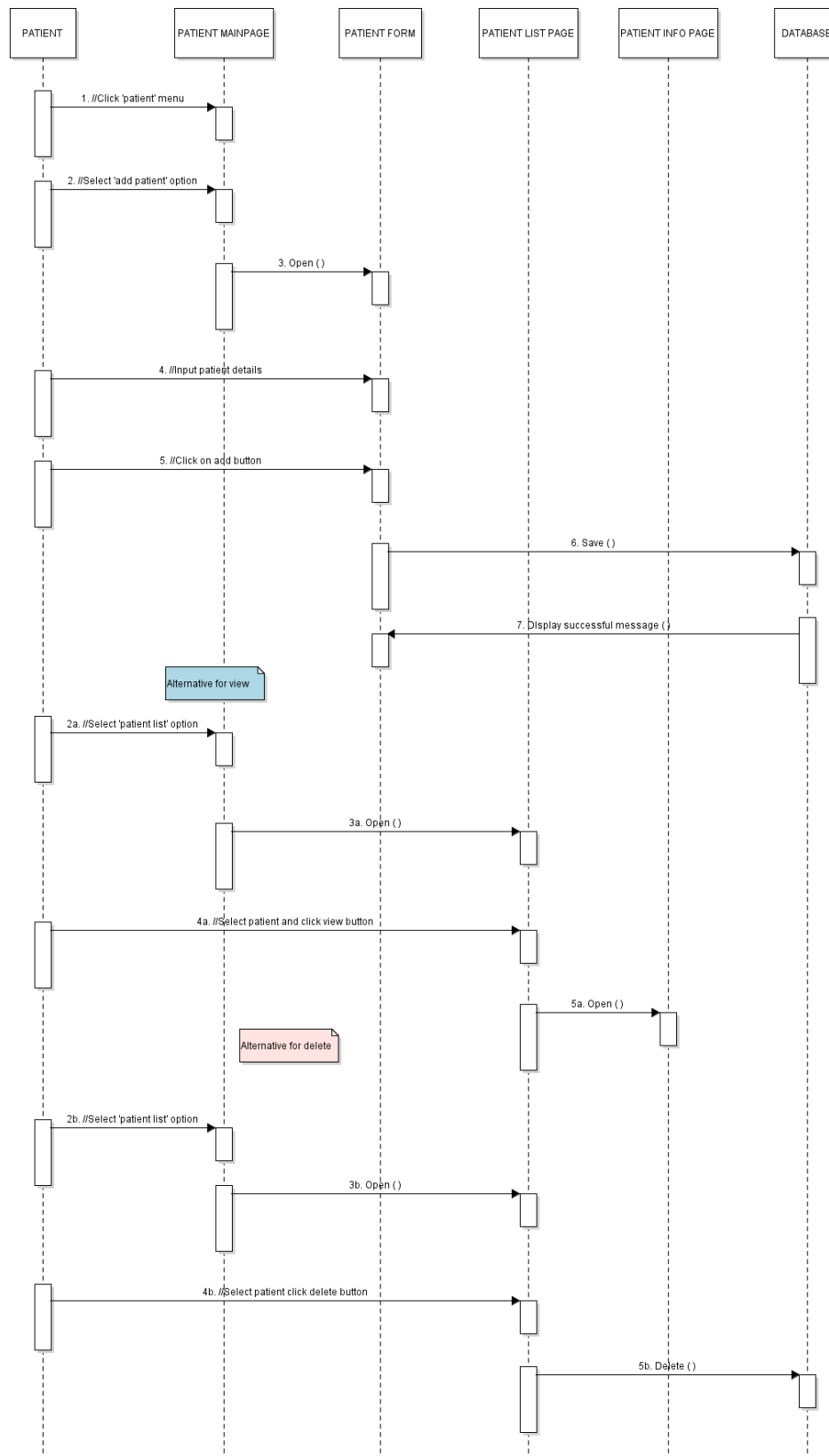


#### IV) Maintain doctor information

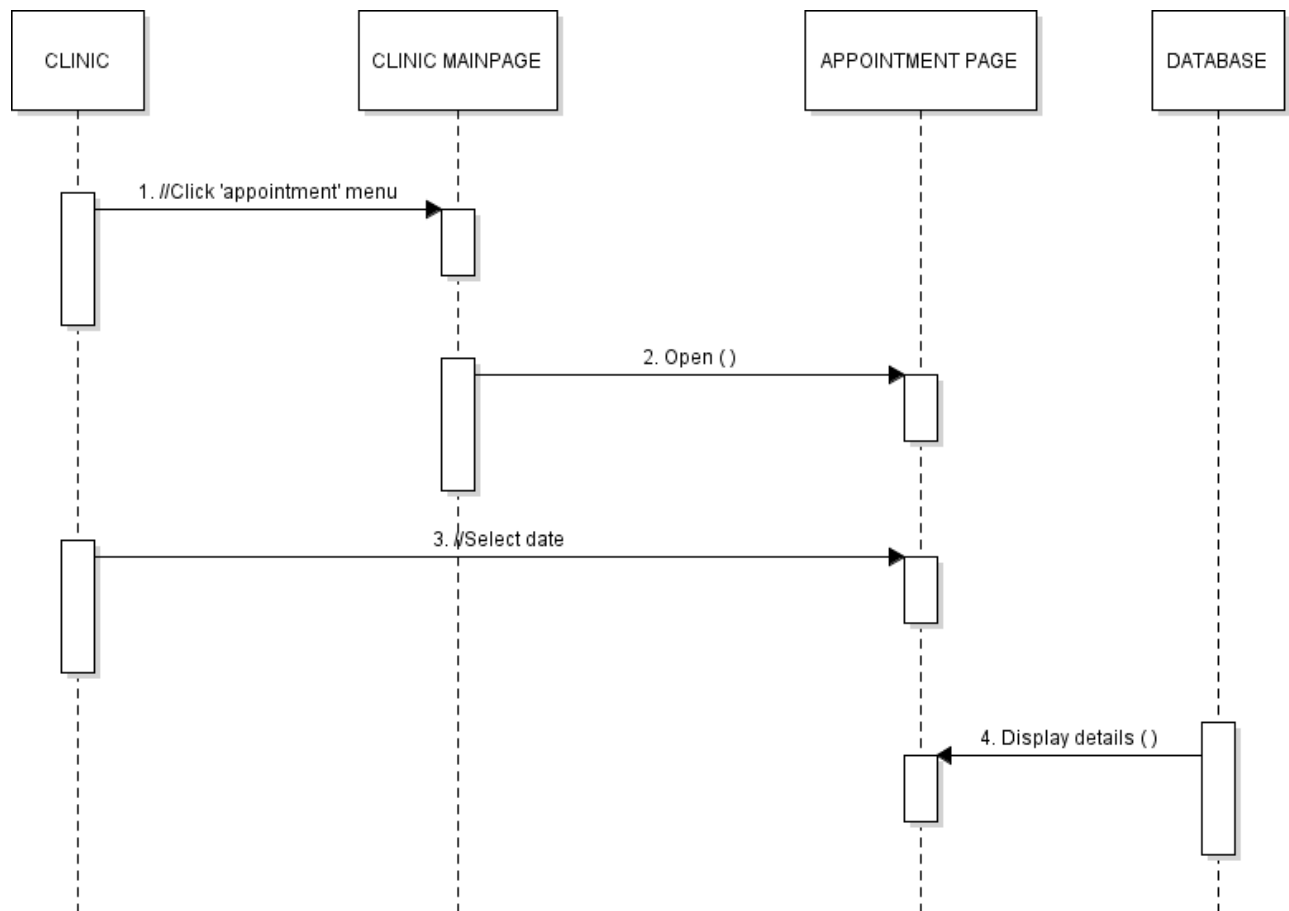




## V) Maintain patient information

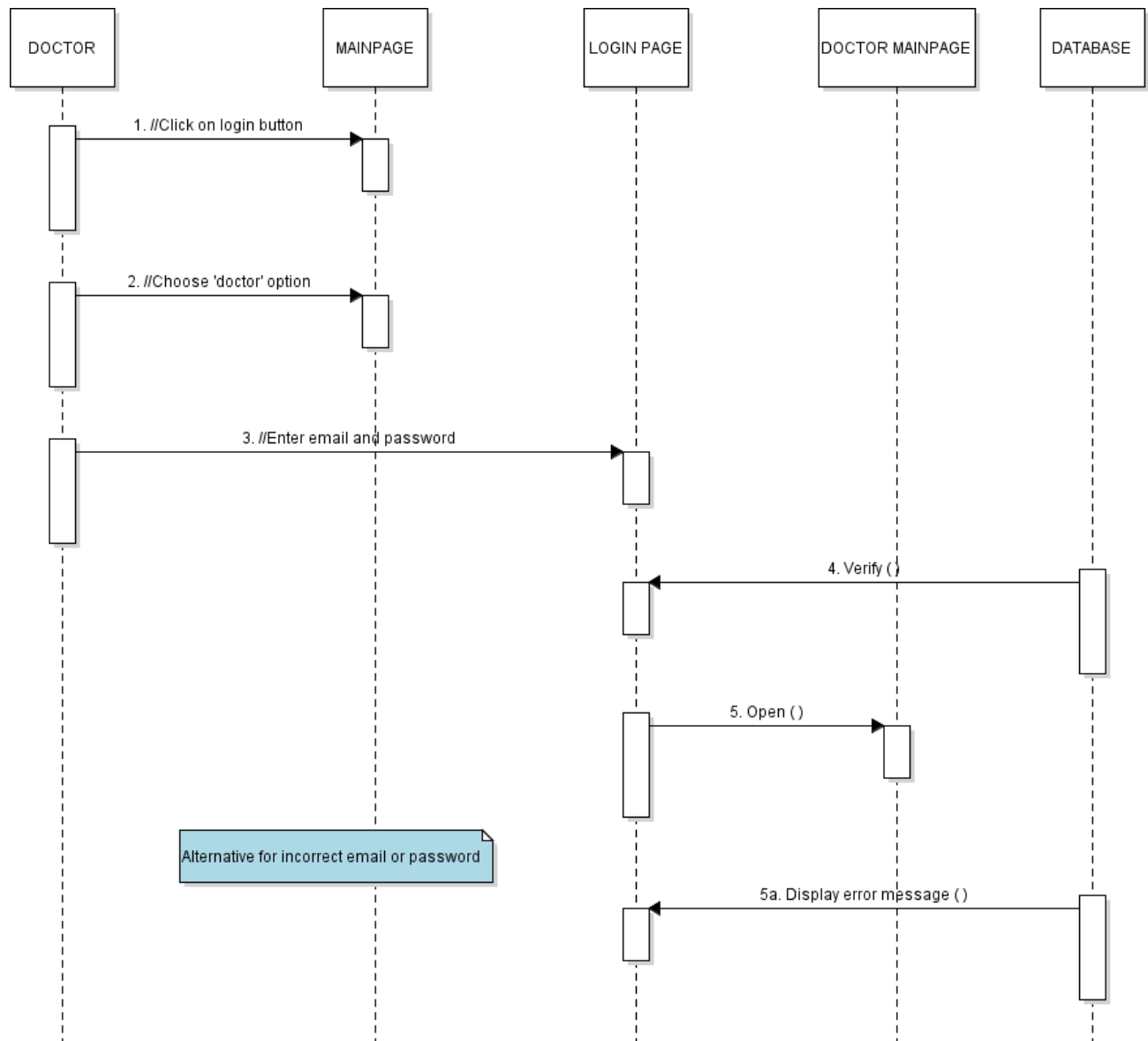


## VI) View appointments

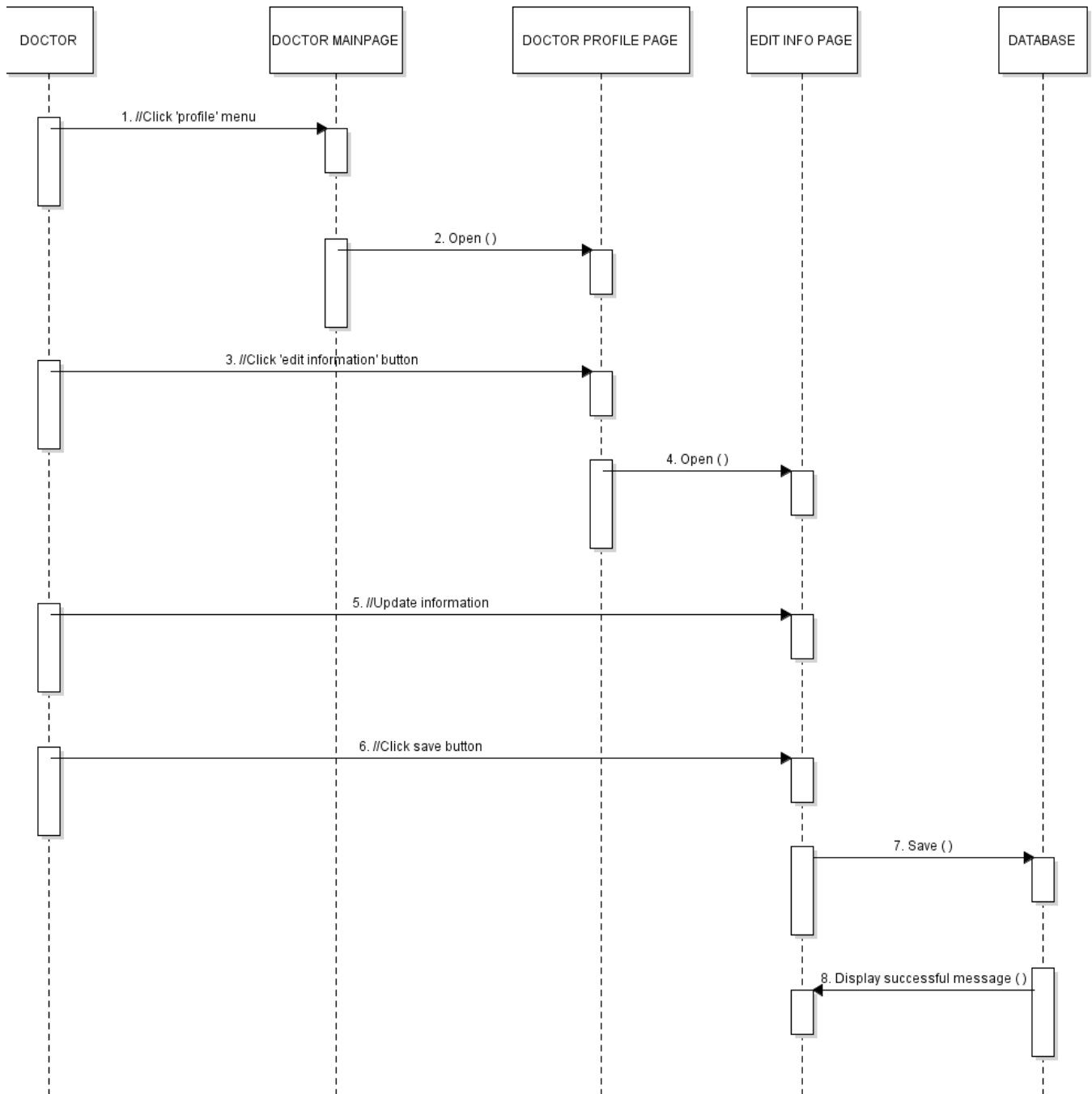


### 1.2.3 Doctor

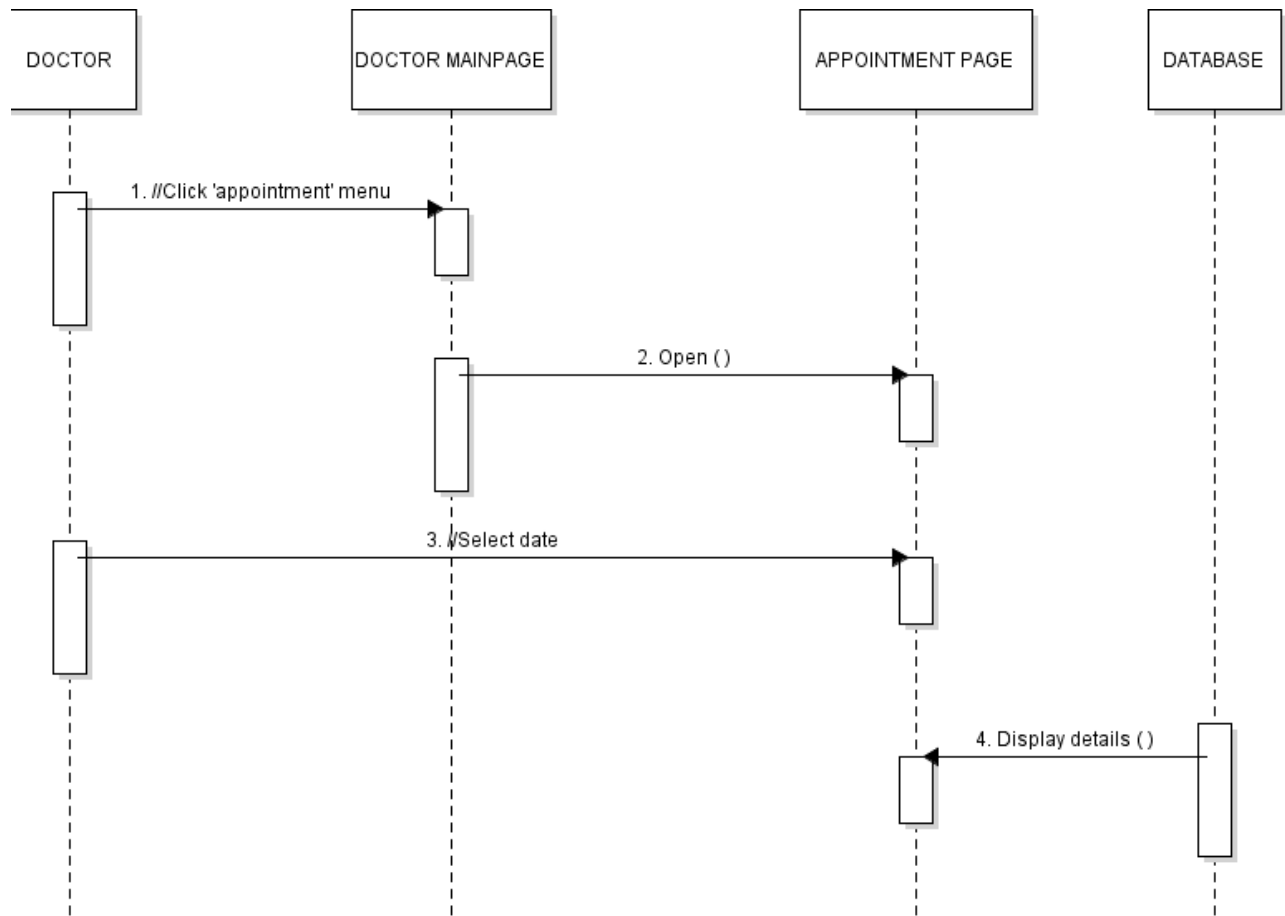
#### I) Login



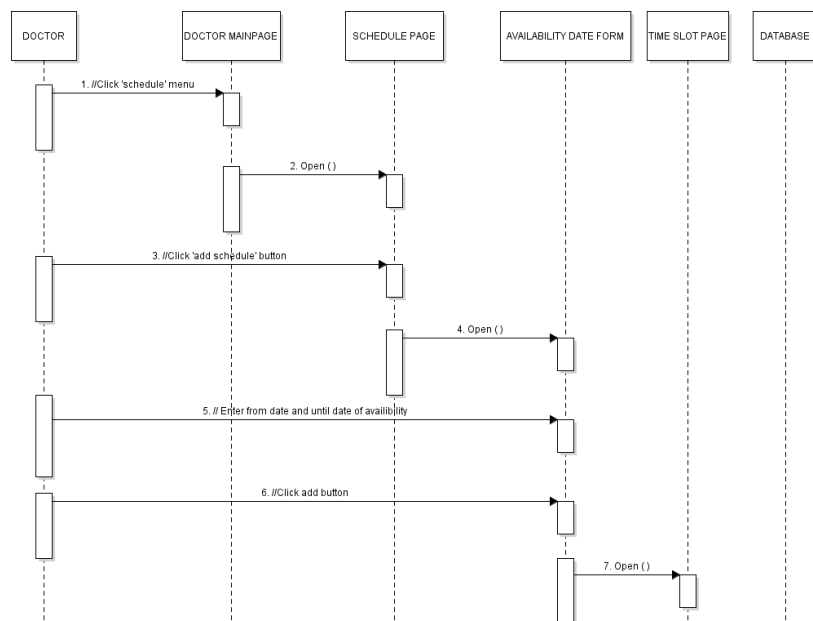
## II) Update doctor information



### III) View appointments



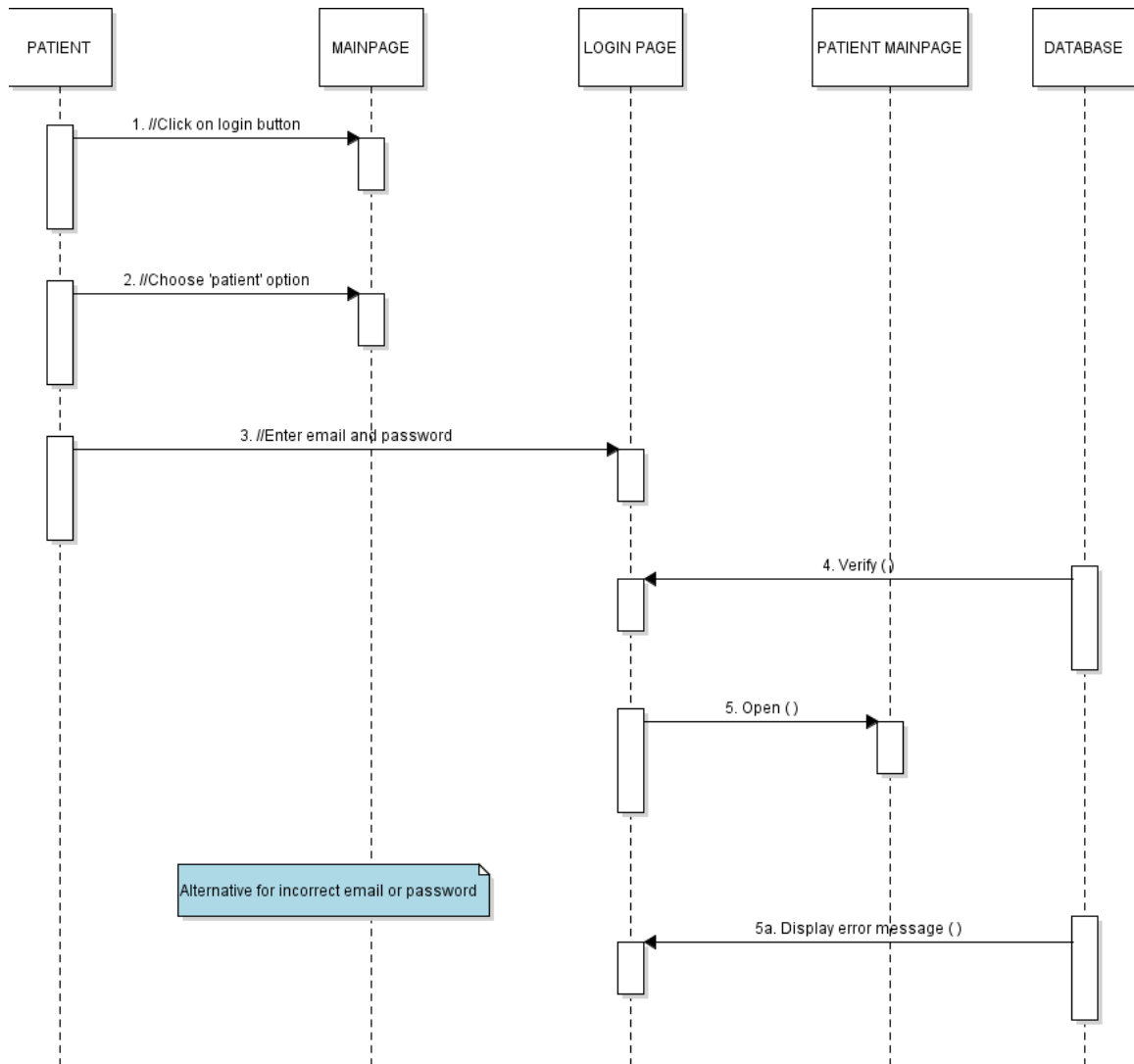
### IV) Manage schedule



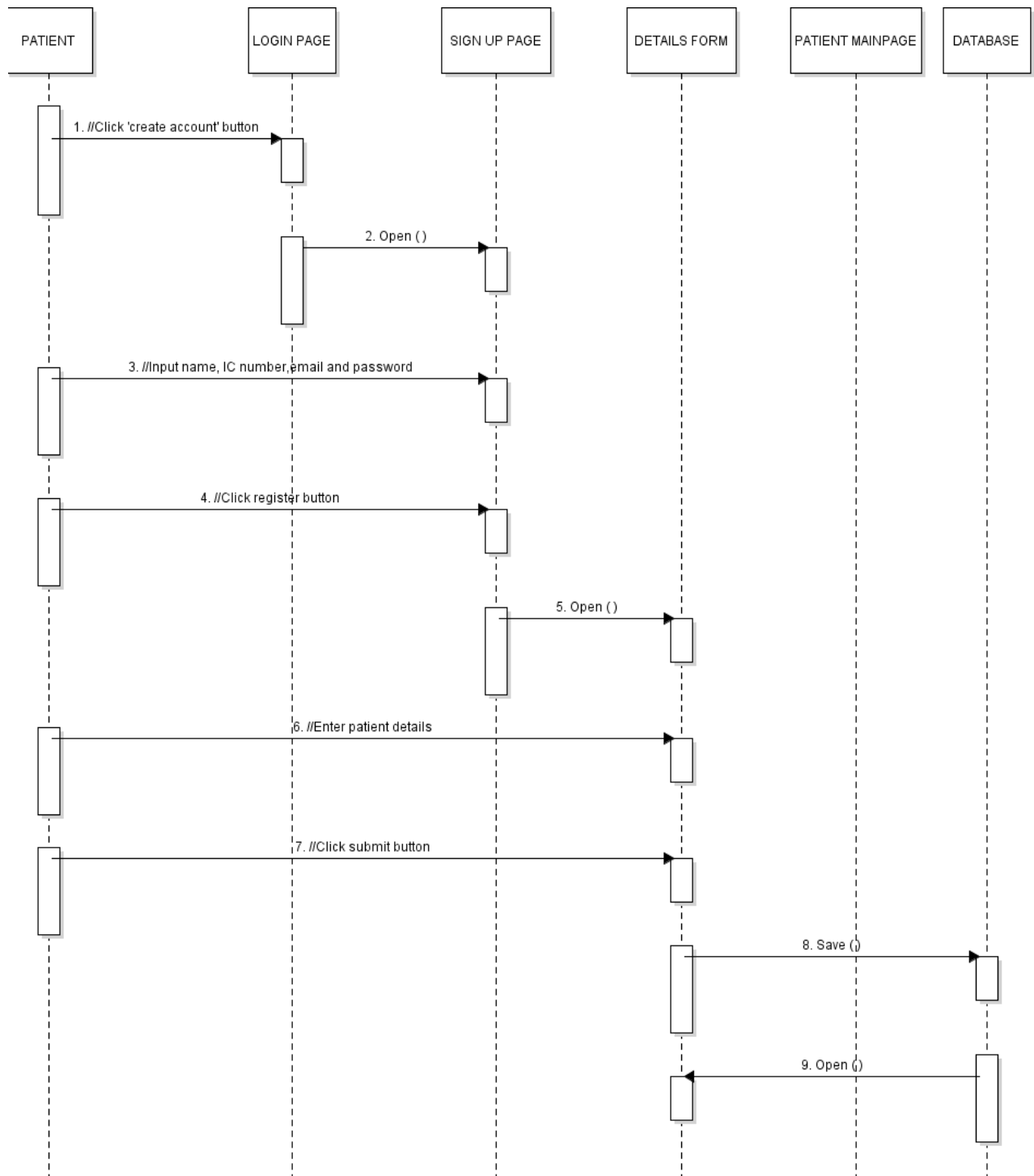


## 1.2.4 Patient

### I) Login

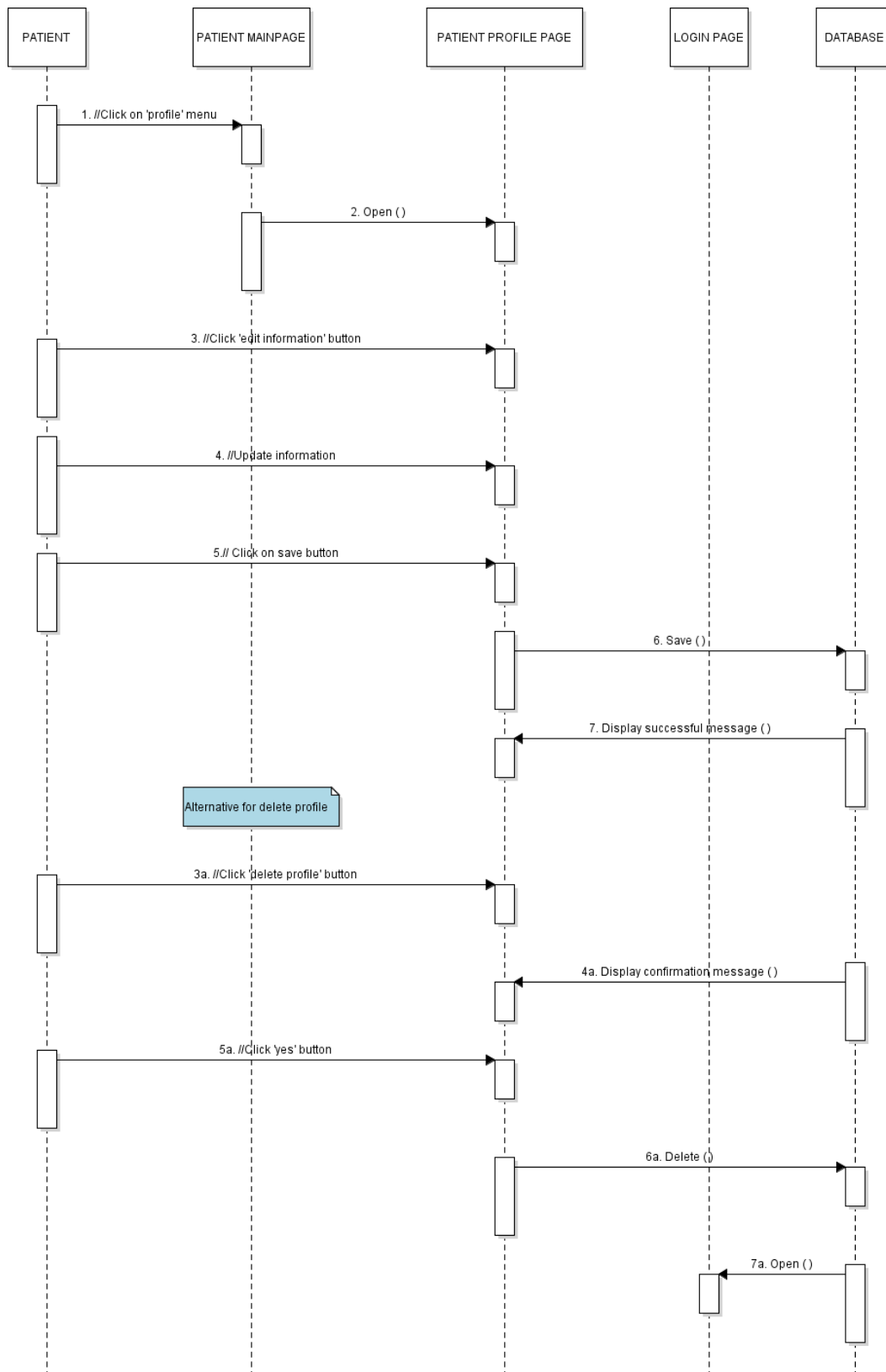


## II) Register

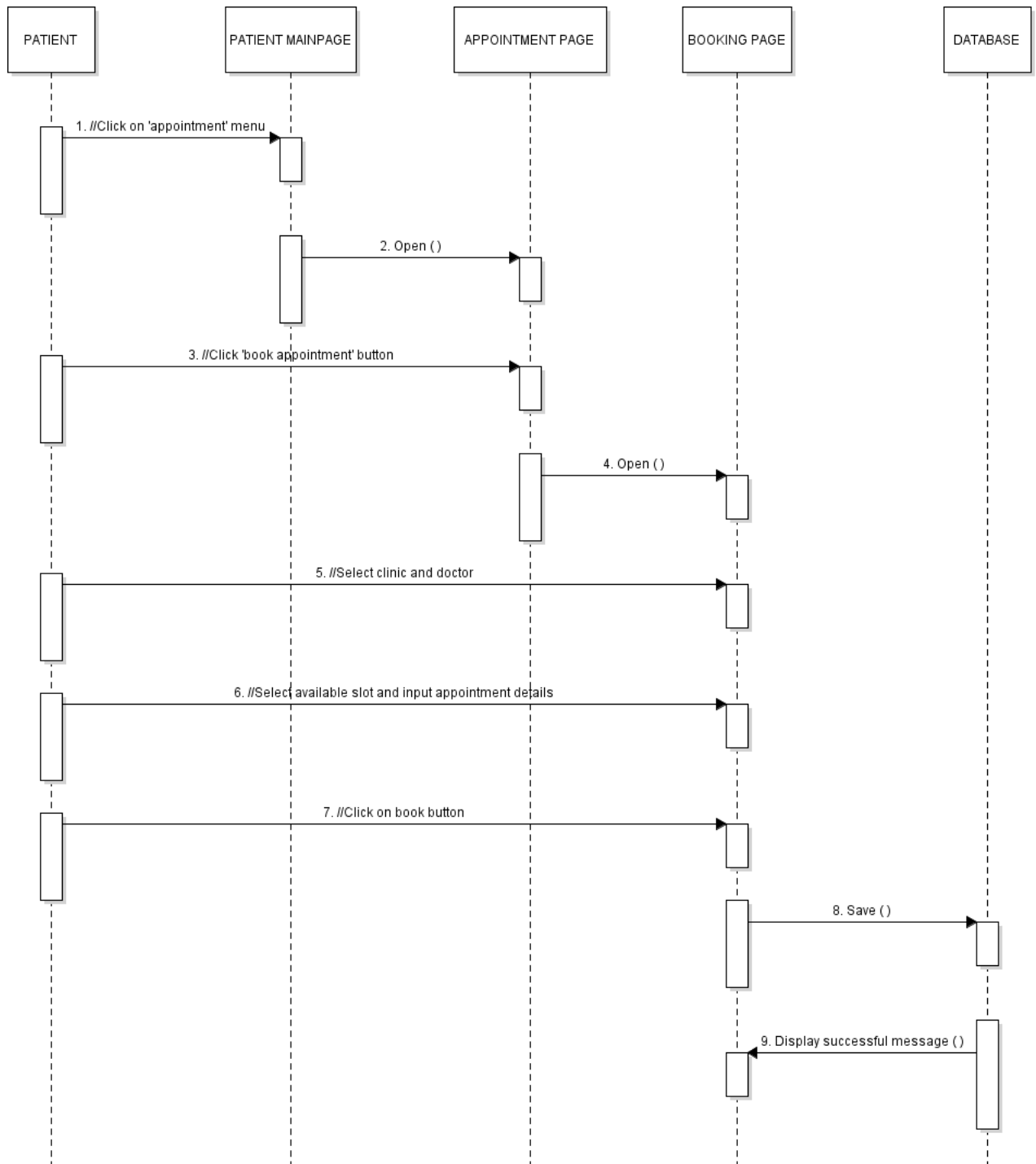




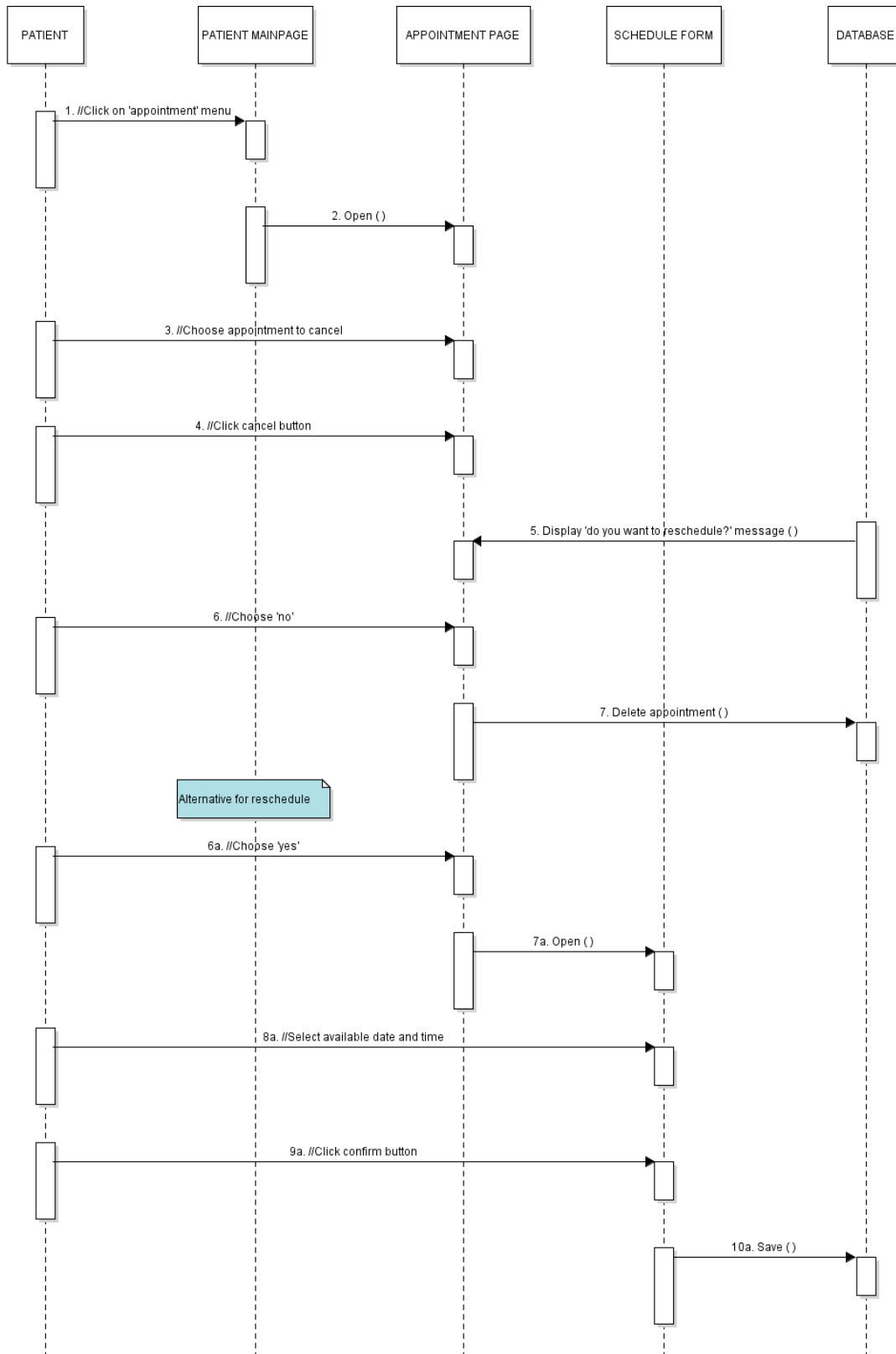
### III) Manage profile



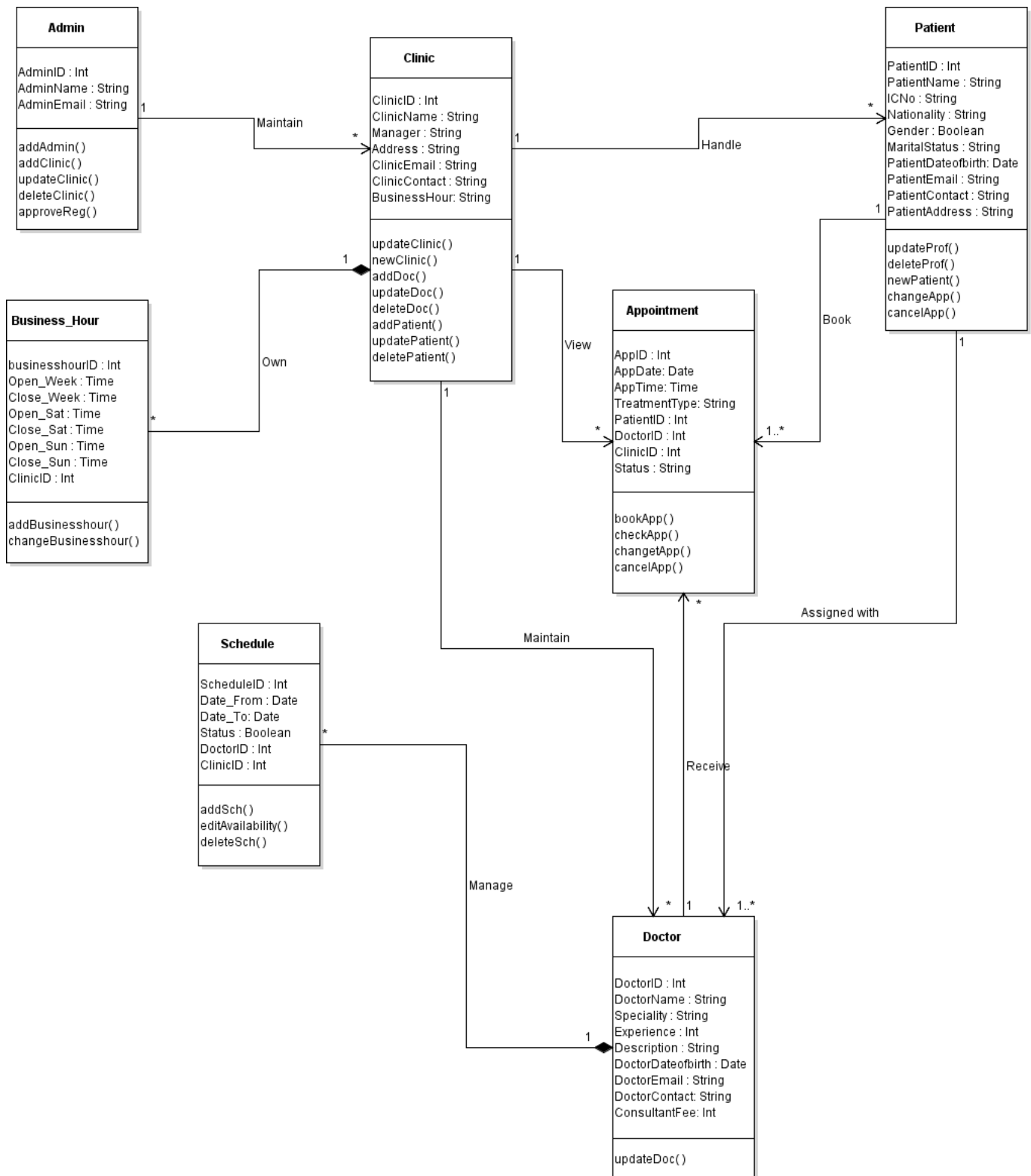
#### IV) Book appointment



## V) Cancel appointment

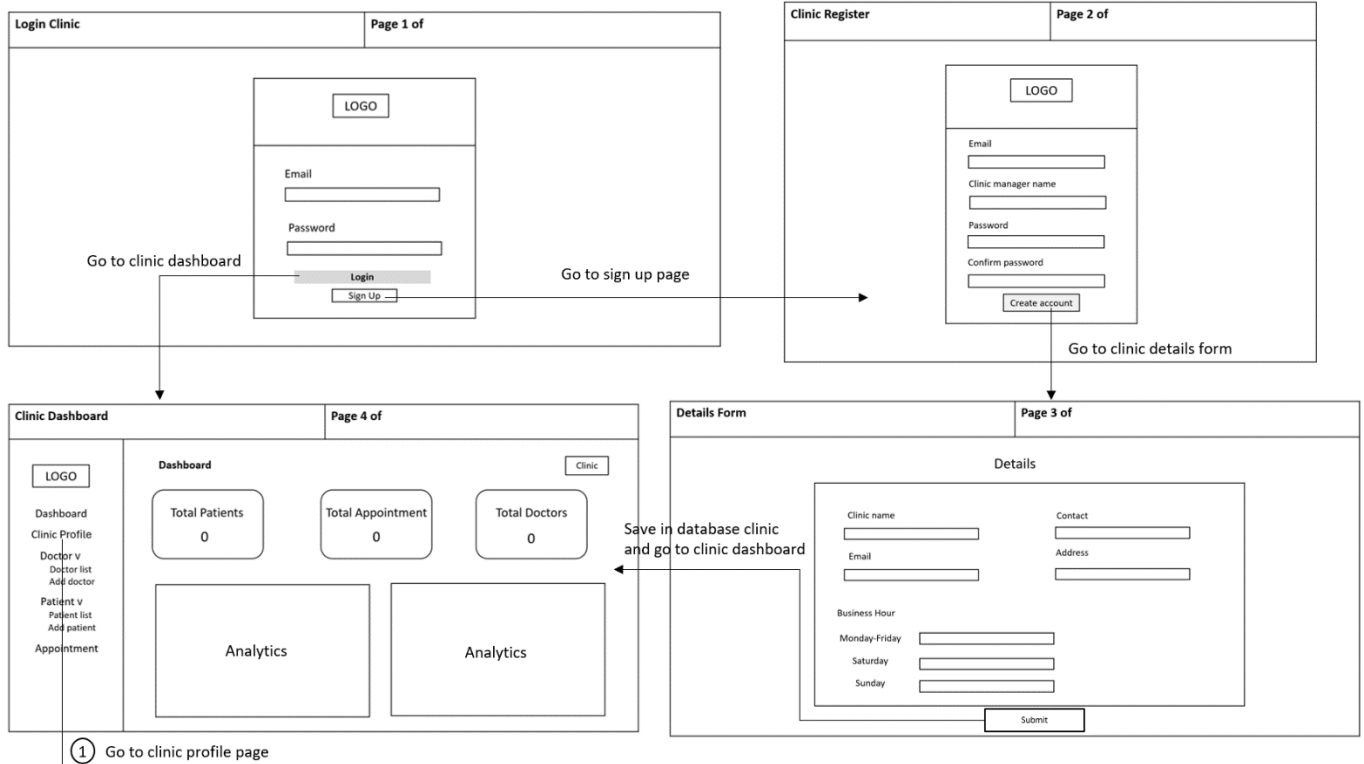


### 1.3 Class diagram

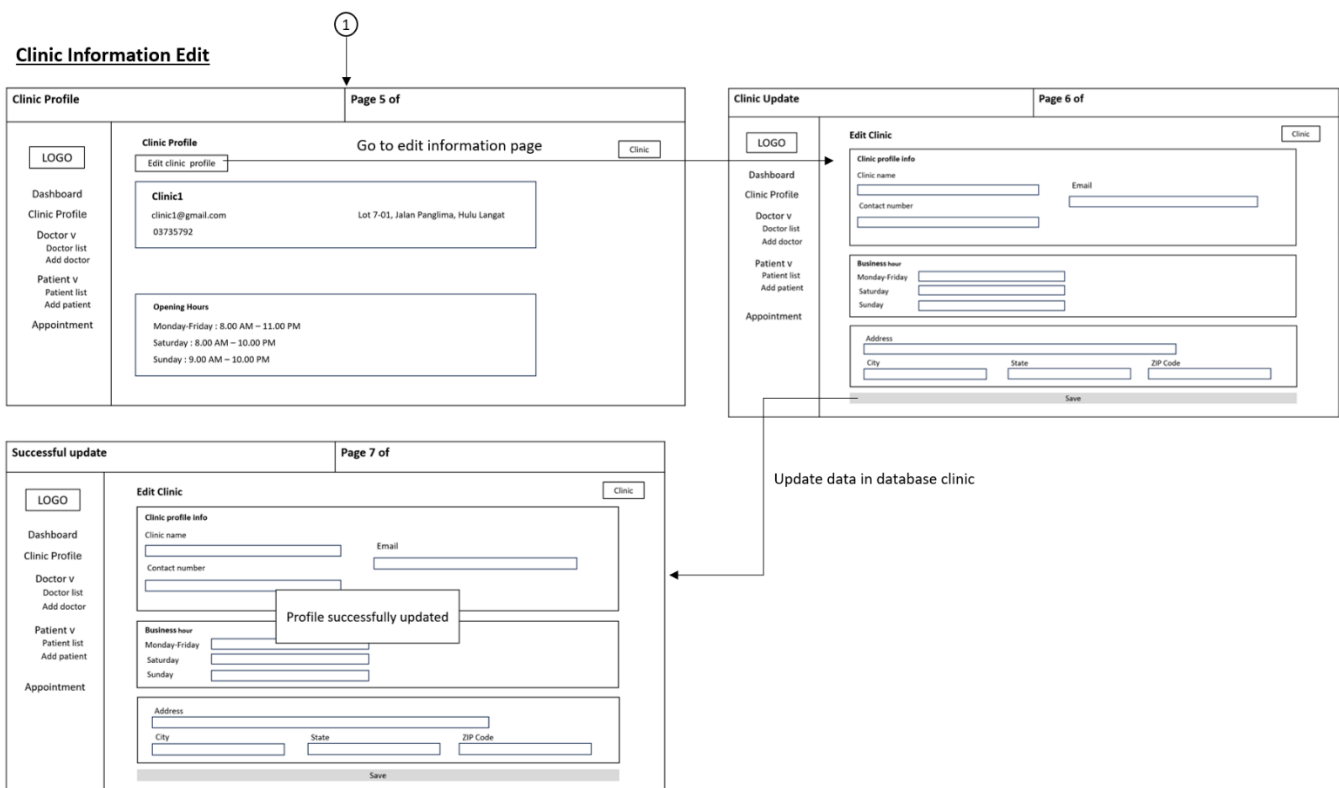


## 1.4 Storyboard

### Login/ Register Clinic



### Clinic Information Edit



## Clinic Maintain Doctor

**Clinic Dashboard** Page 8 of

Dashboard

LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

Total Patients  
0

Total Appointment  
0

Total Doctors  
0

Go to add doctor form

Analytics

Analytics

**Add Doctor** Page 9 of

Dashboard

LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

First name  
Last name  
Specialty  
Year experience  
Consultant fee  
Describe  
Date of birth  
Gender  
Contact number  
Email  
Password  
Confirm password  
Clear  
Save

Clinic

Image  
Browse

**Successful addition** Page 10 of

Dashboard

LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

First name  
Last name  
Specialty  
Year experience  
Consultant fee  
Describe  
Date of birth  
Gender  
Contact number  
Email  
Password  
Confirm password  
Clear  
Save

Clinic

Image  
Browse

Doctor added

Save in database doctor

**Doctor List** Page 11 of

Dashboard

LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

Doctor List

Image  
Doctor1  
Audiologist  
doctor1@gmail.com  
012345678  
View Delete

Image  
Doctor2  
Family  
doctor2@gmail.com  
0187654320  
View Delete

Go to doctor information page

Remove from database doctor

**View Doctor** Page 12 of

Dashboard

LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

View Doctor

Image

Doctor2  
Family

2 years old experience  
0187654320  
doctor1@gmail.com  
1998-06-24  
Female

**Successful deletion** Page 13 of

Dashboard

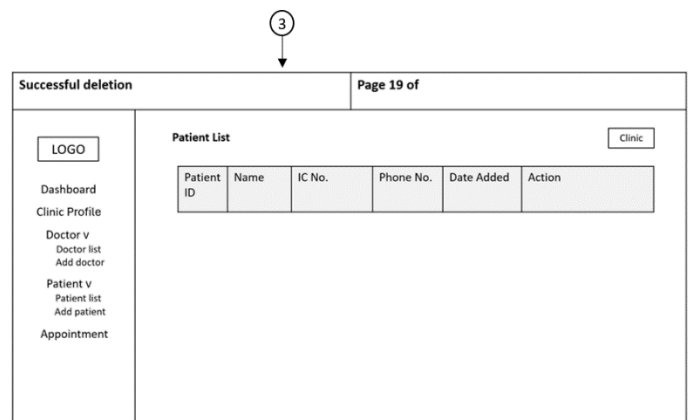
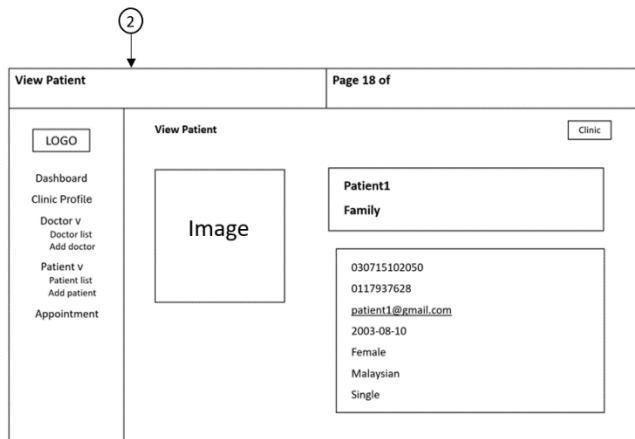
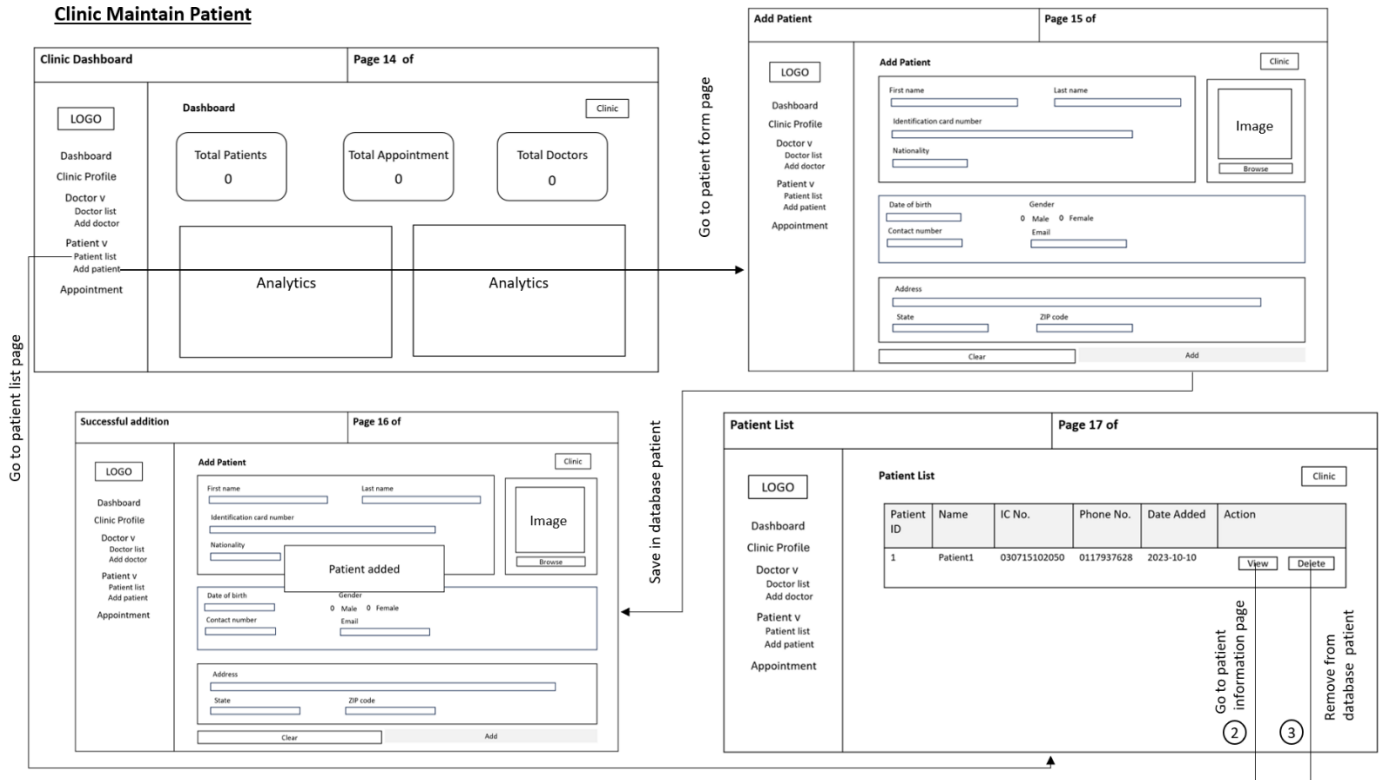
LOGO

Dashboard  
Clinic Profile  
Doctor v  
Doctor list  
Add doctor  
Patient v  
Patient list  
Add patient  
Appointment

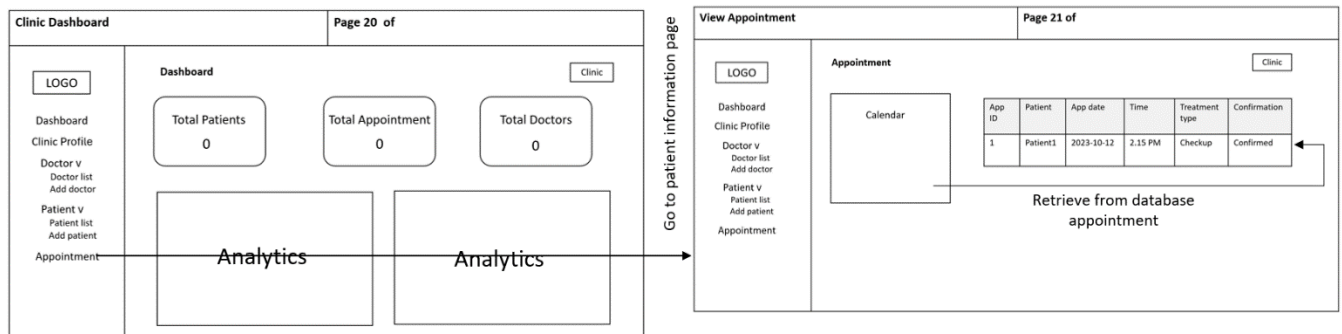
Doctor List

Image  
Doctor1  
Audiologist  
doctor1@gmail.com  
012345678  
View Delete

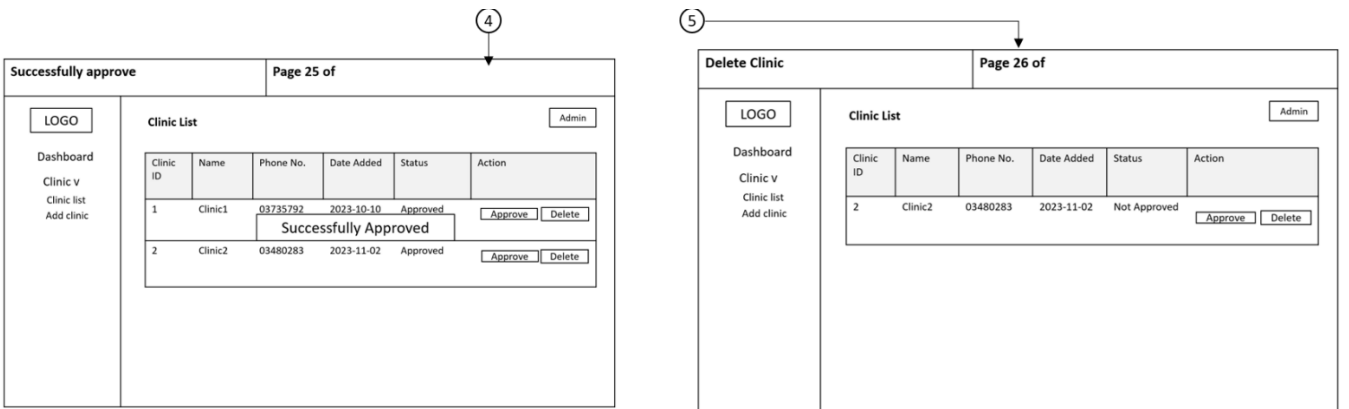
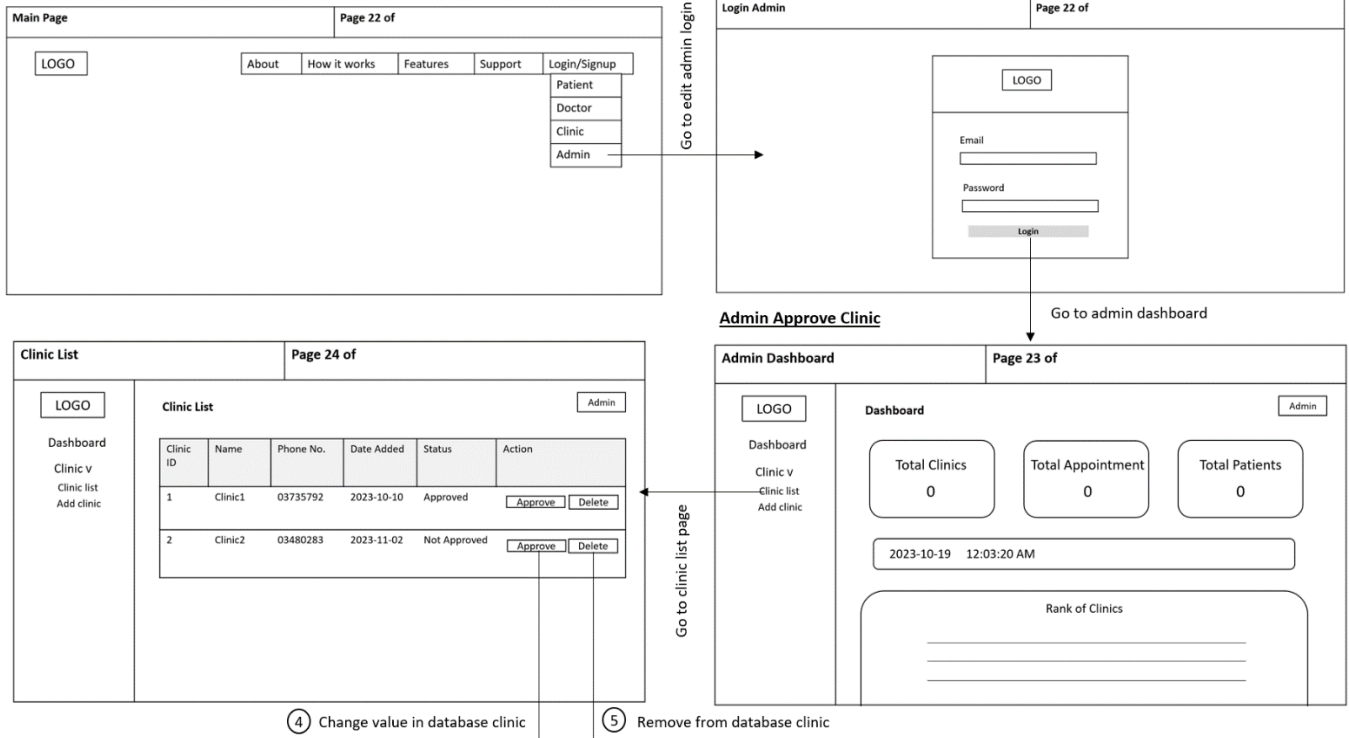
## Clinic Maintain Patient



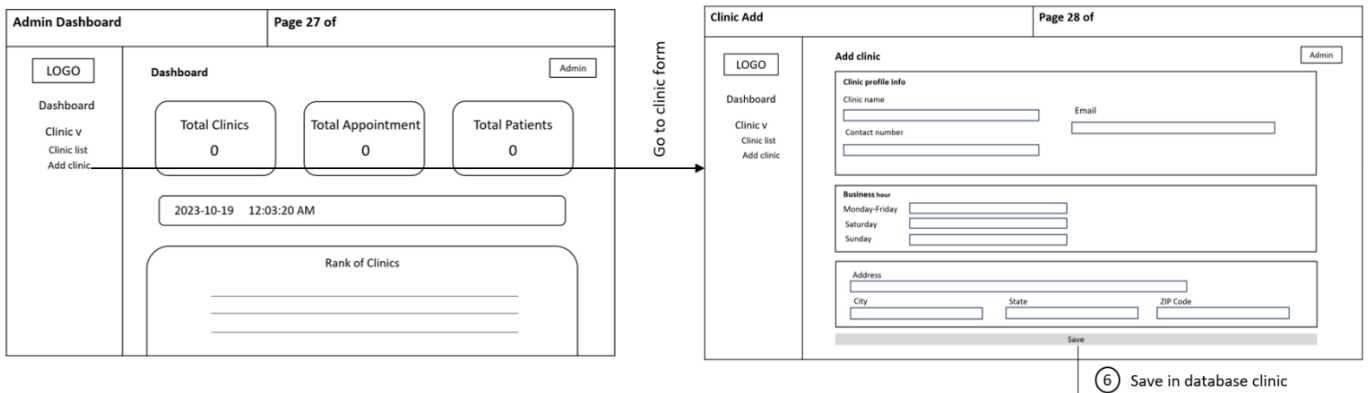
## Clinic View Appointment



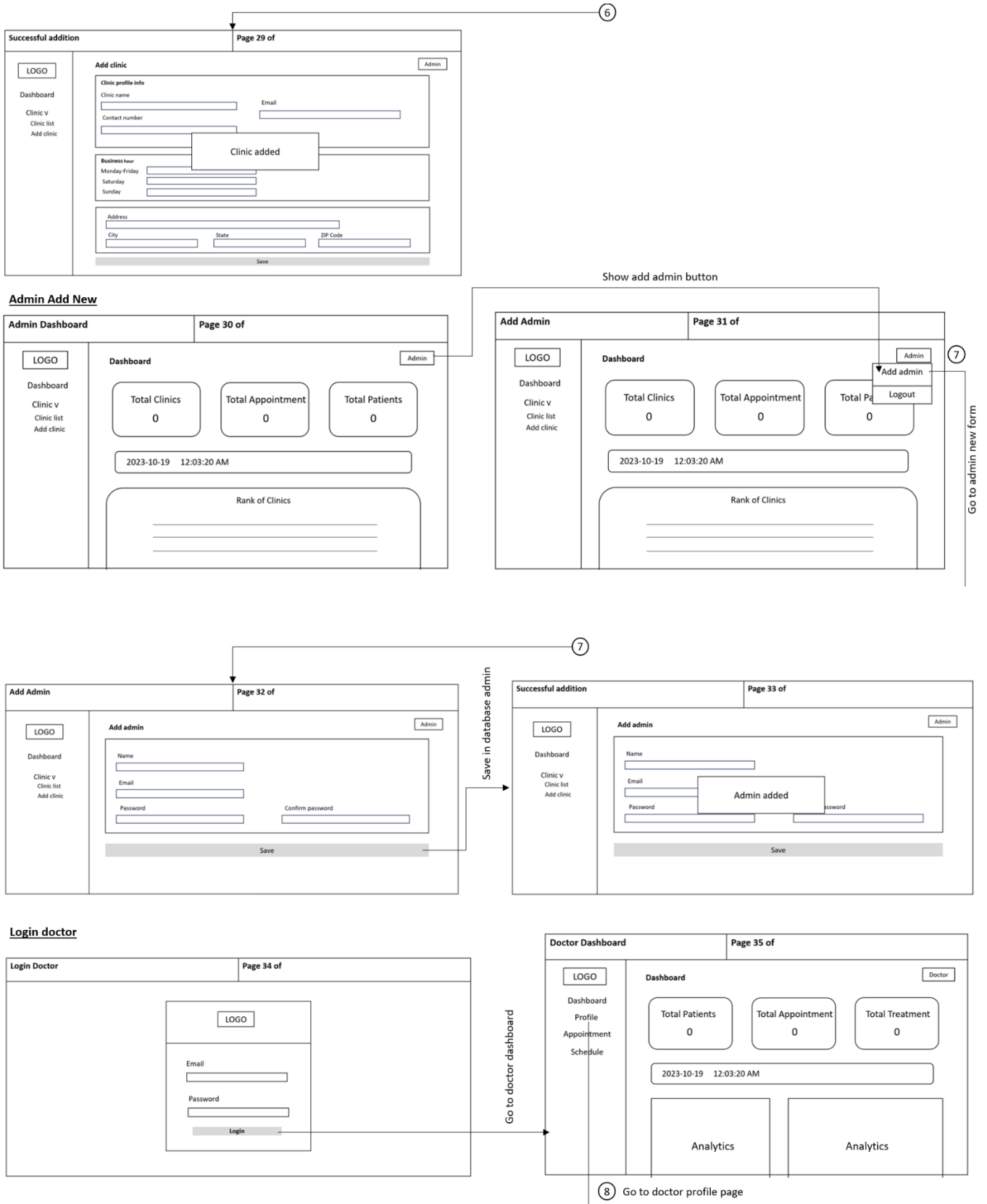
## Login Admin

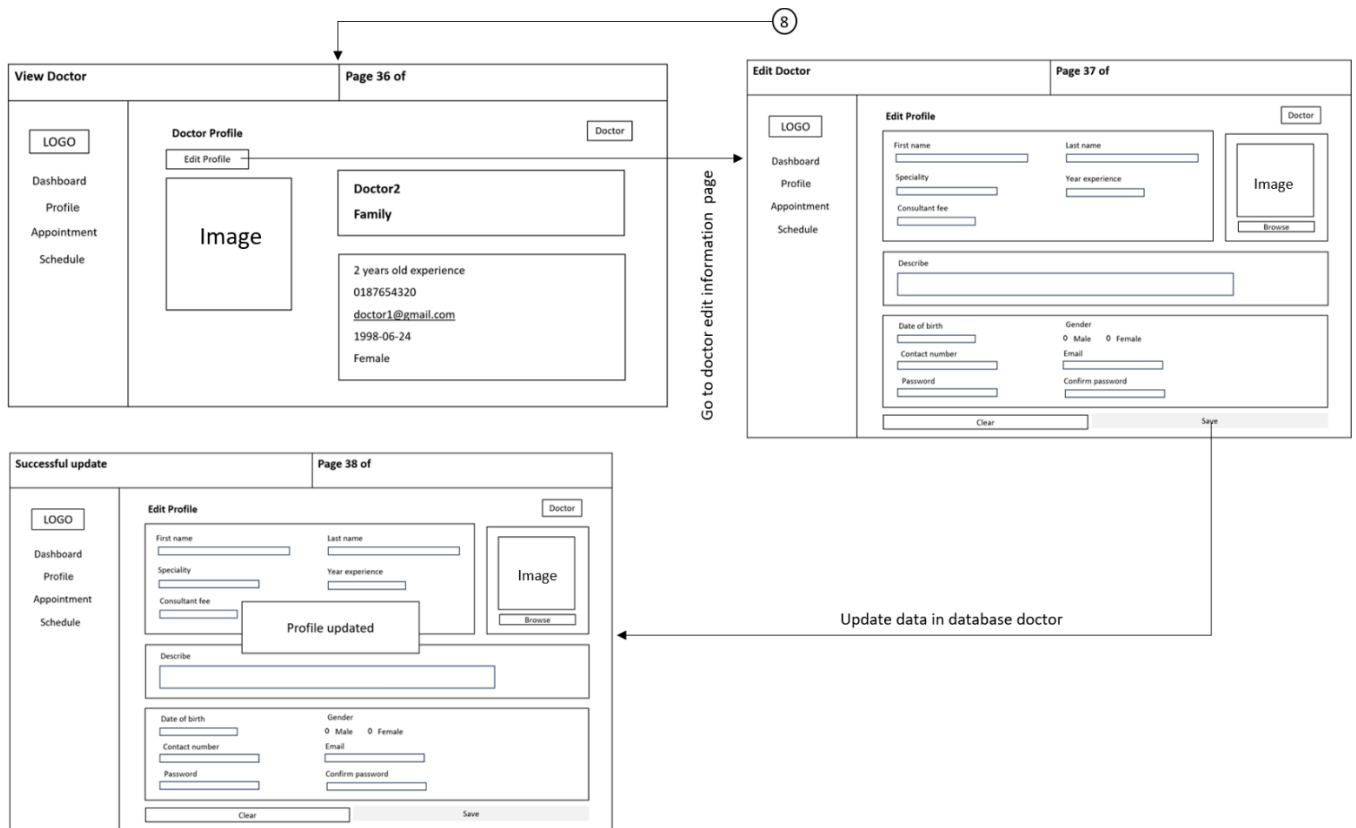


## Admin Maintain Clinic

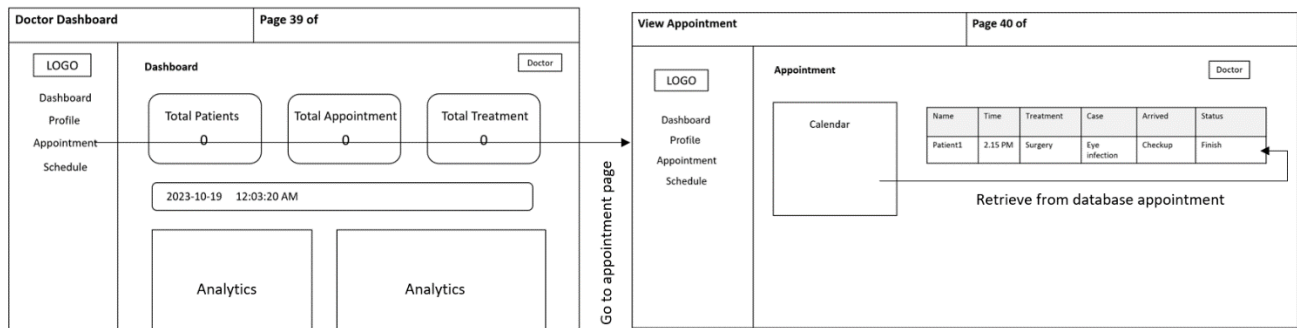




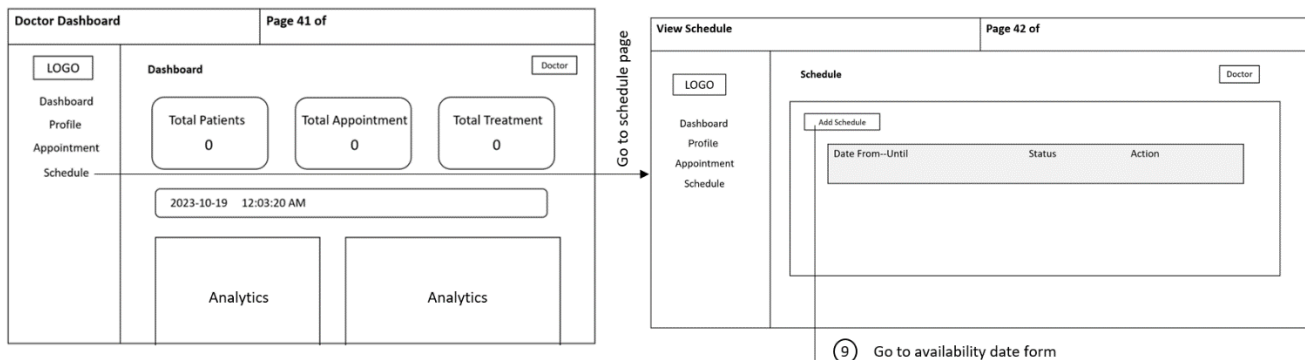


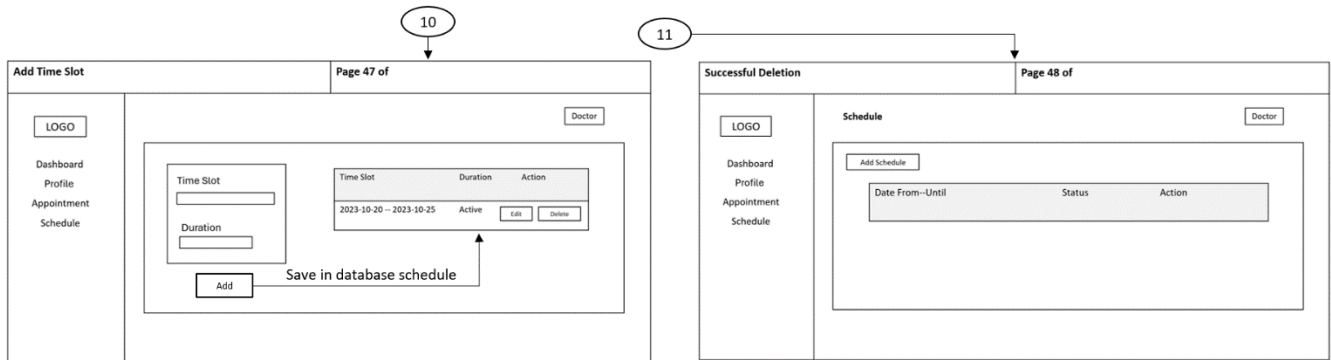
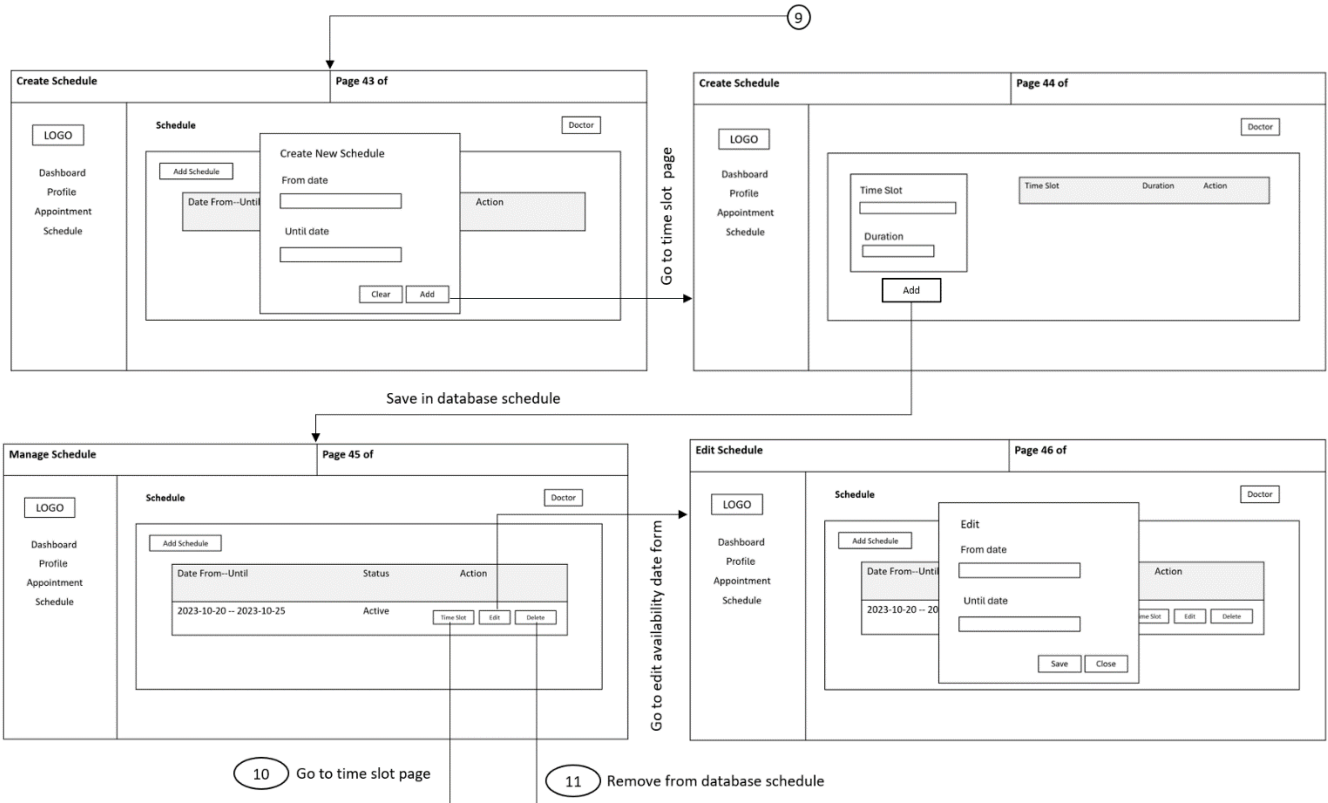


### Doctor View Appointment

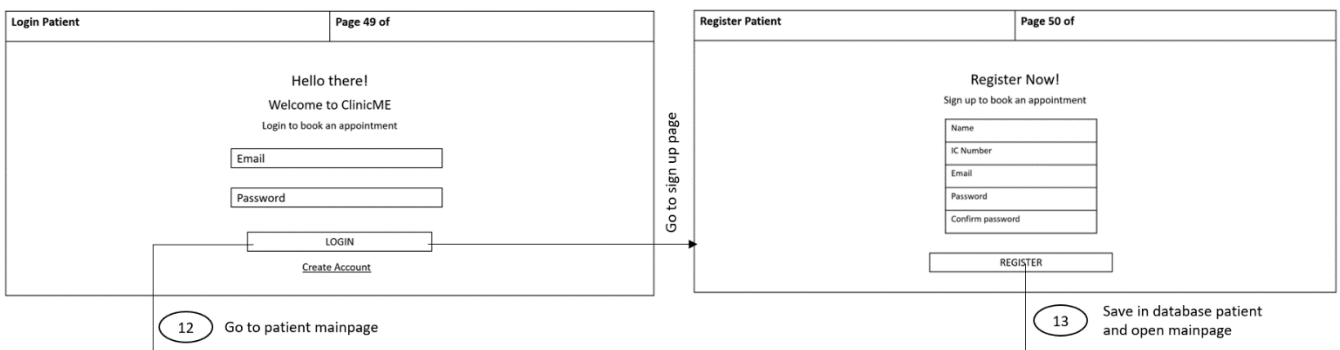


### Doctor Manage Schedule

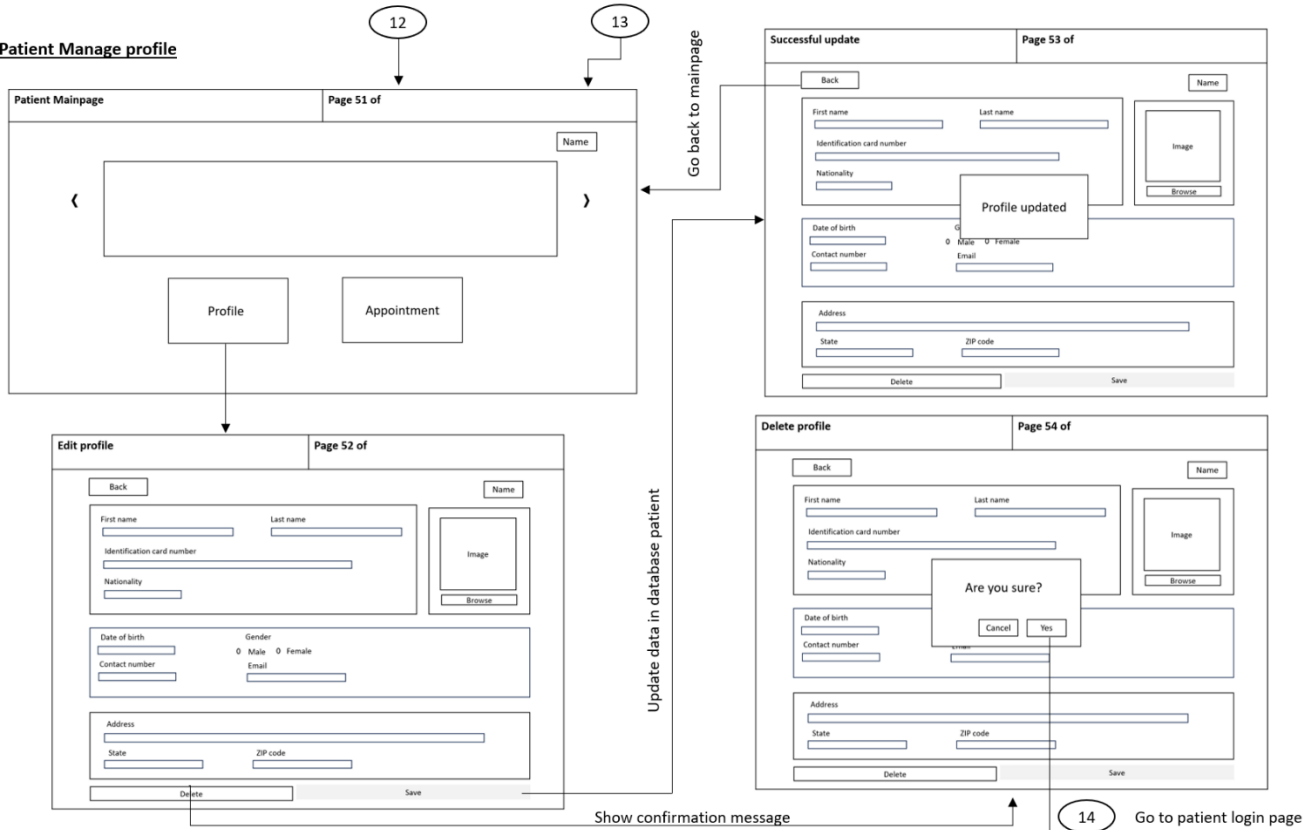




### Login/Register Patient



## Patient Manage profile



Page 55 of

Login Patient

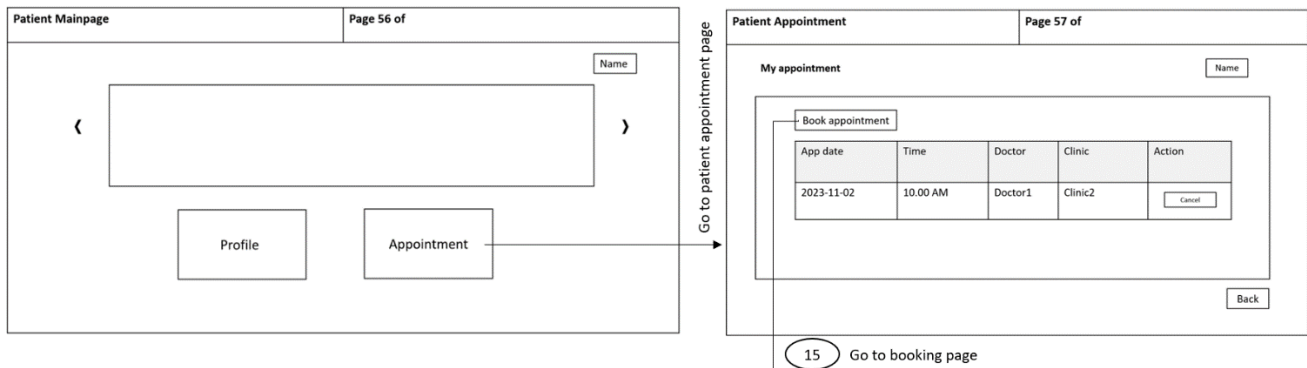
Hello there!  
Welcome to ClinicME  
Login to book an appointment

Email

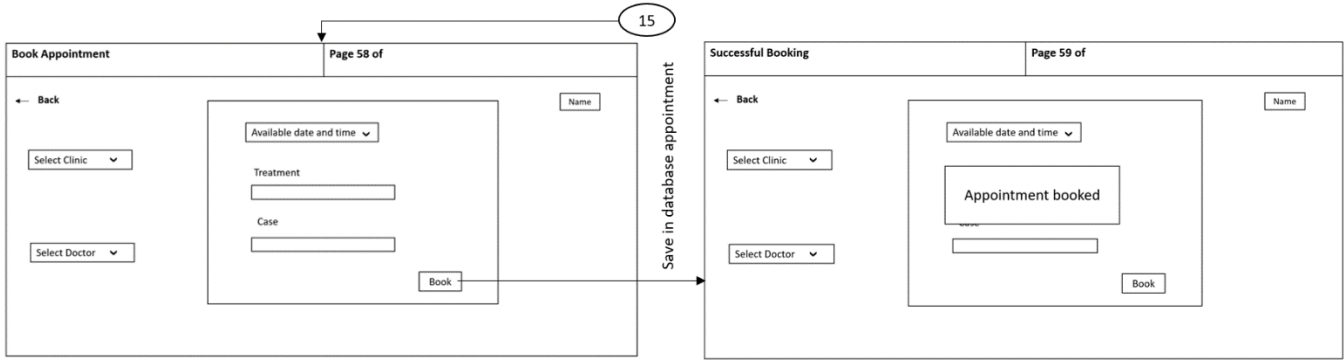
Password

[Create Account](#)

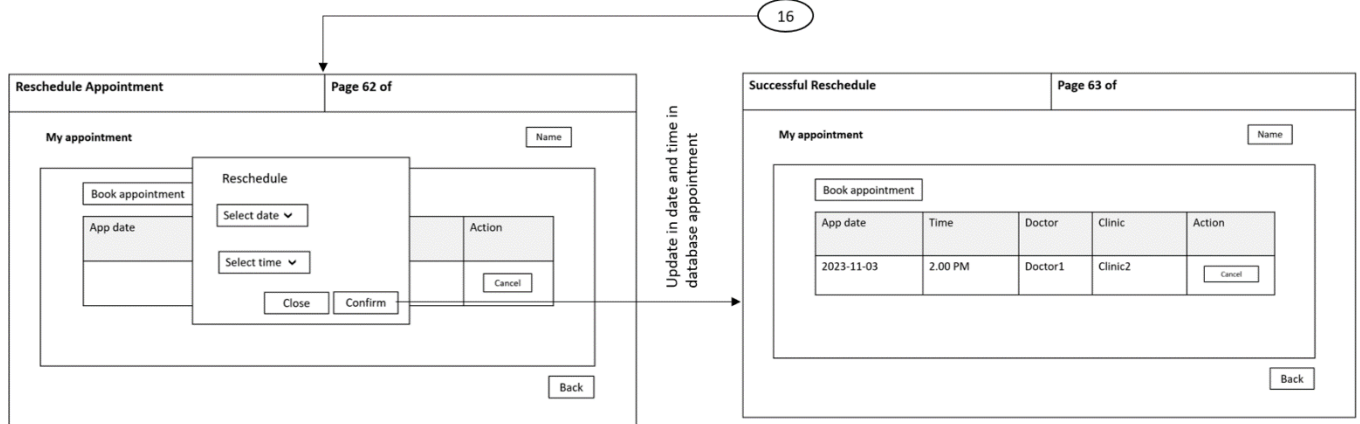
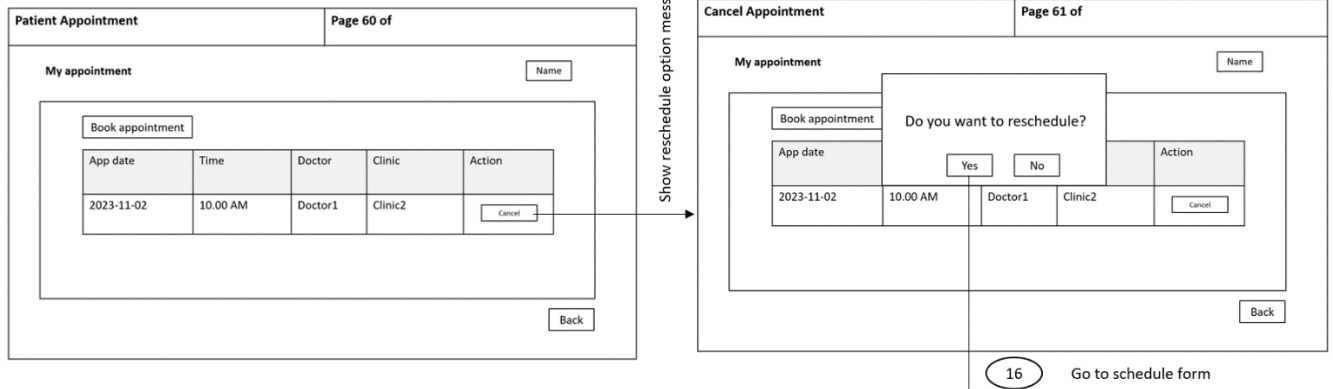
## Patient Book Appointment



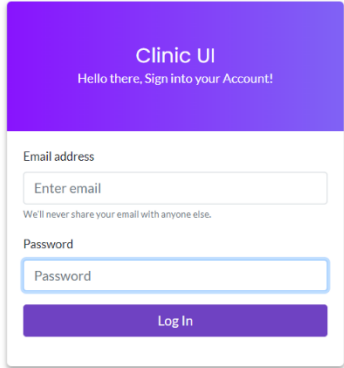
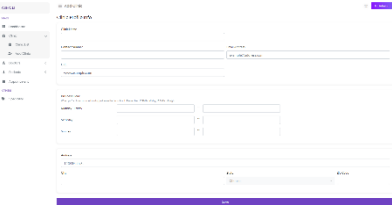
15 Go to booking page


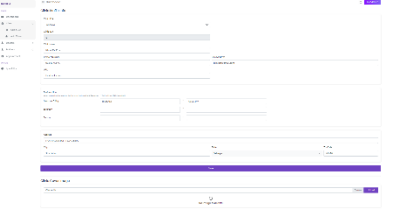



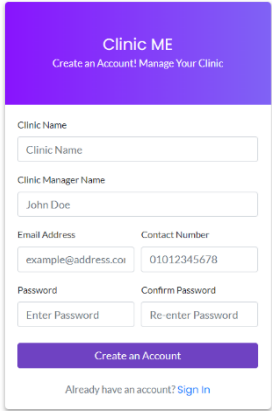
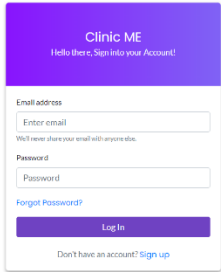
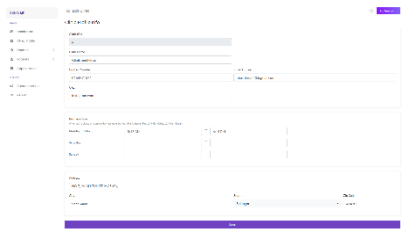
### Patient Cancel Appointment



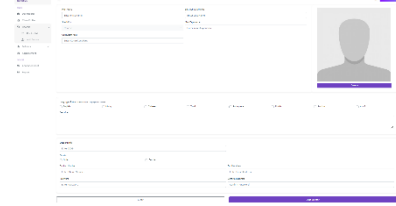

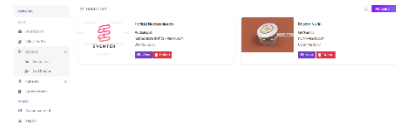
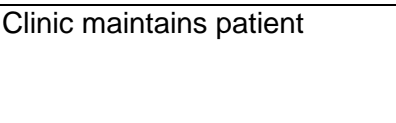
## 2.0 Test Cases

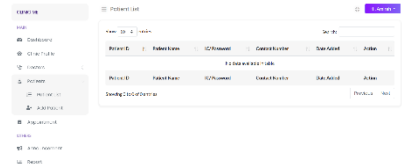
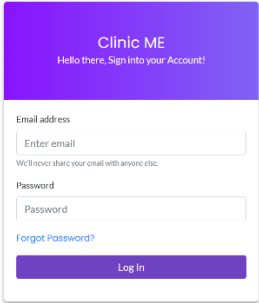
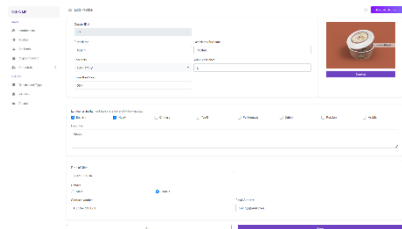
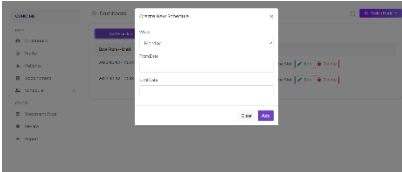
Test Case ID	Test Case Description	Input Data	Expected Result	Actual Result	Pass/Fail	Remarks
TC/001	Admin Login 	<ul style="list-style-type: none"> <li>• adminEmail</li> <li>• adminPass</li> </ul>	User inserts the valid admin username and password in the login form and clicks on the login button. The system verifies the username and password and redirects the admin to the admin dashboard.	User is able to log in and access the admin dashboard.	Pass	Success  Admin login functionality is working correctly
TC/002	Admin adds a new clinic to the system 	<ul style="list-style-type: none"> <li>• clinicName</li> <li>• clinicPhone</li> <li>• clinicEmail</li> <li>• Businesshour</li> <li>• clinicAddress</li> </ul>	User enters the clinic information in the input fields and clicks on the "Add Clinic" button. When the new clinic is successfully saved in database, a successful message will pop out.	User can add the new clinic and data is saved in database. The system displayed the successful message.	Pass	Success  Admin is able to successfully add a new clinic
TC/003	Admin views clinic details in clinic list	<ul style="list-style-type: none"> <li>• clinicID</li> <li>• clinicName</li> <li>• clinicPhone</li> <li>• DateAdded</li> <li>• Status</li> </ul>	User goes to clinic list to view clinic details. The list of the clinics added in database along with their details will be visible to the user.	User sees a list of clinics with their details.	Pass	Success  Admin is able to view a list of all clinics and the details in the system

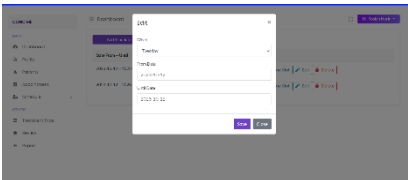
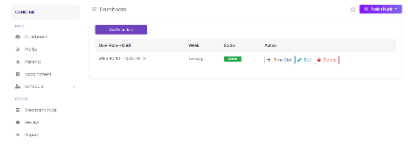
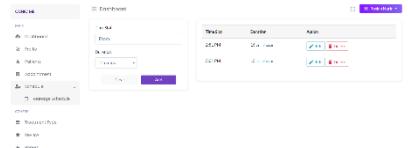
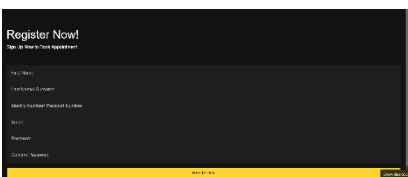
						
TC/004	Admin updates clinic information 	<ul style="list-style-type: none"> <li>• clinicName</li> <li>• clinicPhone</li> <li>• clinicEmail</li> <li>• Businesshour</li> <li>• clinicAddress</li> </ul>	User goes to clinic list and click on edit button in the action column. The system will land on clinic information form to let the user update any intended information. Then, a message will show up after user clicks on save button when the data is successfully updated in database.	User update the clinic information without any problem and the system displays the successful message.	Pass	Success  Admin can update clinic information without errors
TC/005	Admin deletes clinic from clinic list	-	User goes to clinic list and clicks on delete button in the action column. The clinic should be removed from the database and clinic list.	There is an error deleting the clinic and user cannot proceed with the deletion process.	Fail	Failure  The clinic deletion process does not work as expected
TC/006	Admin approves clinic registration 	-	User goes to clinic list to check the status of every clinic registered. If the status is 'Not Approve', user selects the clinic and clicks 'Approve' button. The status will be both changed in database	User is able to approve clinic registration and the status 'Not Approve' changed to 'Approve' for the selected clinic.	Pass	Successful  This admin feature functions correctly

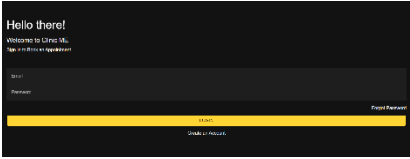
			and the clinic list.			
TC/007	Clinic register 	<ul style="list-style-type: none"> <li>• clinicName</li> <li>• clinicManager</li> <li>• clinicEmail</li> <li>• clinicPass</li> <li>• clinicPhone</li> <li>• Businesshour</li> <li>• clinicAddress</li> </ul>	User clicks sign up button then the system redirects to sign up page where user needs to input clinic manager name, email, and password. Then, upon clicking the 'create account' button, user goes to details form and enters necessary clinic information. Next, user clicks on submit button and lands on clinic dashboard.	User is able to register and all the information is saved in database.	Pass	Successful  Clinic staff can register the clinic smoothly
TC/008	Clinic login 	<ul style="list-style-type: none"> <li>• clinicEmail</li> <li>• clinicPass</li> </ul>	User enters their login credentials and click login button. The clinic dashboard will be displayed after successful login.	User successfully login and lands on clinic dashboard when the system verified the input.	Pass	Successful  Clinic staff is able to login into clinic account
TC/009	Clinic updates clinic profile information 	<ul style="list-style-type: none"> <li>• clinicName</li> <li>• clinicPhone</li> <li>• clinicEmail</li> <li>• Businesshour</li> <li>• clinicAddress</li> </ul>	User edits any information then clicks save button and the system will update the data in database clinic and the updated information will be shown in clinic profile	User can edit clinic profile information and the changes are saved in the database.	Pass	Successful  Clinic staff have no problem updating clinic's information

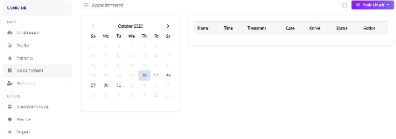
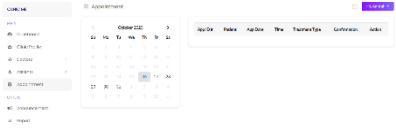


			instead of the previous ones.			
TC/010	Clinic adds doctor in the clinic account 	<ul style="list-style-type: none"> <li>• doctorName</li> <li>• Speciality</li> <li>• Yearexperience</li> <li>• Consultantfee</li> <li>• Description</li> <li>• DateofBirth</li> <li>• Gender</li> <li>• doctorPhone</li> <li>• doctorEmail</li> <li>• doctorPass</li> </ul>	User enters doctor details and clicks add button. The details are sent to the database and the 'doctor added' message is displayed when the process succeed.	User added doctor and the data are sent to database. The doctor will be visible in the doctor list.	Pass	Successful  Clinic staff is able to add doctor in the system
TC/011	Clinic views doctor information 	<ul style="list-style-type: none"> <li>• doctorName</li> <li>• Speciality</li> <li>• Yearexperience</li> <li>• Consultantfee</li> <li>• Description</li> <li>• DateofBirth</li> <li>• Gender</li> <li>• doctorPhone</li> <li>• doctorEmail</li> <li>• doctorPass</li> </ul>	User selects the doctor to view all the doctor information. The system will take the user to another page where the information is visible.	User can view the complete doctor information by clicking the view button in doctor list.	Pass	Successful  Clinic staff is able to view the doctors information
TC/012	Clinic deletes doctor 	-	User selects a doctor and clicks on the delete button in doctor list. The selected doctor should be removed from database and doctor list.	The selected doctor is successfully deleted from the system.	Pass	Successful  The delete function for doctor works as expected
TC/013	Clinic maintains patient 	<ul style="list-style-type: none"> <li>• patientName</li> <li>• icNo</li> <li>• Nationality</li> <li>• Gender</li> <li>• MaritalStatus</li> <li>• DateofBirth</li> </ul>	User able to view patient information, add a new patient, and delete patient.	User is not able to add a new patient because there are problems in the code which affects user ability to view and delete patient.	Fail	Failure  Clinic functionality of maintaining patient does not work as intended

		<ul style="list-style-type: none"> <li>• patientPhone</li> <li>• doctorPhone</li> <li>• patientEmail</li> <li>• patientAddress</li> </ul>				
TC/014	Doctor login 	<ul style="list-style-type: none"> <li>• doctorEmail</li> <li>• doctorPass</li> </ul>	User inserts email and password that was added in database. After clicking login button, the doctor dashboard will be visible.	User logged in to the doctor account without any difficulties.	Pass	Successful  Doctor is able to log in successfully
TC/015	Doctor edits profile 	<ul style="list-style-type: none"> <li>• doctorName</li> <li>• Speciality</li> <li>• Year of Experience</li> <li>• Consultant Fee</li> <li>• Description</li> <li>• Date of Birth</li> <li>• Gender</li> <li>• doctorPhone</li> <li>• doctorEmail</li> <li>• doctorPass</li> <li>•</li> </ul>	User edits information and clicks on save button. The data will be updated in database.	User can edit profile with no errors and the system will show the updated information in the profile page.	Pass	Successful  No problem with update doctor profile functionality
TC/016	Doctor adds slot in schedule 	<ul style="list-style-type: none"> <li>• dateFrom</li> <li>• dateTo</li> <li>• Time</li> </ul>	User add schedule to show their availability through entering from and until dates then choose the time. The schedule data is saved in database and will appear in the schedule	User can add the slot and the schedule details appeared in the schedule page as intended.	Pass	Successful  Doctor add schedule feature is operates correctly

			page.			
TC/017	Doctor edits schedule 	<ul style="list-style-type: none"> <li>• dateFrom</li> <li>• dateTo</li> </ul>	User selects slot and click edit button to edit the dates. A form will appear and user can change the date and clicks save button. The dates are changed in database and schedule page.	User is able to edit the schedule and the result of the change can be seen in the schedule page.	Pass	Successful  Doctor edit schedule feature is operates correctly
TC/018	Doctor deletes schedule 	-	User selects slot and clicks delete button. The data of the schedule slot will be removed in database and schedule page.	User successfully deleted the schedule slot.	Pass	Successful  Doctor delete schedule feature is operates correctly
TC/019	Doctor adds time slot in the schedule 	<ul style="list-style-type: none"> <li>• Time</li> </ul>	User selects slot and clicks 'time slot' button. The system will display time slot page where user can view the time slots for the selected slot schedule and user can enter the time slot to add another one. Once added, the time slot will appear in the time slot page.	User is able to add time slot to the respective slot schedule. The time slot is proven to be added in the page.	Pass	Successful  Doctor add time slot feature is operates correctly
TC/020	Patient register 	<ul style="list-style-type: none"> <li>• patientName</li> <li>• icNo</li> <li>• patientEmail</li> <li>• patientPass</li> <li>• Nationality</li> <li>• Gender</li> </ul>	User creates password and enters personal information to create an account for the system the click register button. The patient home page	User is not able to register. 'Email already existed' message keep appearing even though the email is not registered yet.	Fail	Failure  Patient unable to register due to the problem

		<ul style="list-style-type: none"> <li>• MaritalStatus</li> <li>• DateofBirth</li> <li>• patientPhone</li> <li>• doctorPhone</li> <li>• patientAddress</li> </ul>	will be displayed after the registration.			
TC/021	Patient login 	<ul style="list-style-type: none"> <li>• patientEmail</li> <li>• patientPass</li> </ul>	User input login information into the input fields. When successfully logged in, user will land on the home page.	When user clicked the login button, nothing happened.	Fail	Failure  Patient can not log in into their account
TC/022	Patient books appointment	<ul style="list-style-type: none"> <li>• appDate</li> <li>• appTime</li> <li>• clinicName</li> <li>• doctorName</li> <li>• Treatment</li> <li>• Case</li> </ul>	User inserts appointment details and clicks book button. The details will be sent to database and a successful message will pop out.	User can not book appointment. An error message is shown.	Fail	Failure  This feature fails to perform as planned
TC/023	Patient cancels appointment	<ul style="list-style-type: none"> <li>• appDate</li> <li>• appTime</li> </ul>	User clicks cancel button for the selected appointment. A confirmation message will pop out and when user chooses yes, the system will remove the appointment.	User unable to cancel appointment as they can not book an appointment.	Fail	Failure  This feature is not working properly due to the effect of booking failure
TC/024	Patient manages profile	<ul style="list-style-type: none"> <li>• patientName</li> <li>• icNo</li> <li>• Nationality</li> <li>• Gender</li> <li>• MaritalStatus</li> <li>• DateofBirth</li> <li>• patientPhone</li> <li>• doctorPhone</li> <li>• patientAddress</li> </ul>	User can view and update profile as well as delete their account.	There was a problem with registering patient, so this function fails to be executed.	Fail	Failure  Patient unable to manage their profile

TC/025	<p>Doctor views appointment</p> 	<ul style="list-style-type: none"> <li>• patientName</li> <li>• appTime</li> <li>• Treatment</li> <li>• Case</li> <li>• Status</li> </ul>	<p>User selects a date in the calendar to view the appointment booked in the particular date. Upon selecting the date, the system will display the appointments details.</p>	<p>User is able to view the appointments details of the selected date.</p>	<p>Pass</p>	<p>This feature is successful but as clinic staff unable to add patient and patient fails to register this feature was tested by adding patient in database manually</p>
TC/026	<p>Clinic views appointments details</p> 	<ul style="list-style-type: none"> <li>• appID</li> <li>• patientName</li> <li>• appDate</li> <li>• appTime</li> <li>• Treatmenttype</li> <li>• Confirmationstatus</li> </ul>	<p>User selects a date in the calendar to view the appointment booked in the particular date. Upon selecting the date, the system will display the appointments details.</p>	<p>User is able to view the appointments details of the selected date.</p>	<p>Pass</p>	<p>Successful</p> <p>This feature is successful but as clinic staff unable to add patient and patient fails to register this feature was tested by adding patient in database manually</p>