

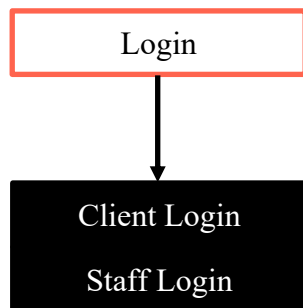
Criterion B: Design

Graphical Visualization of User Interface (GUI):

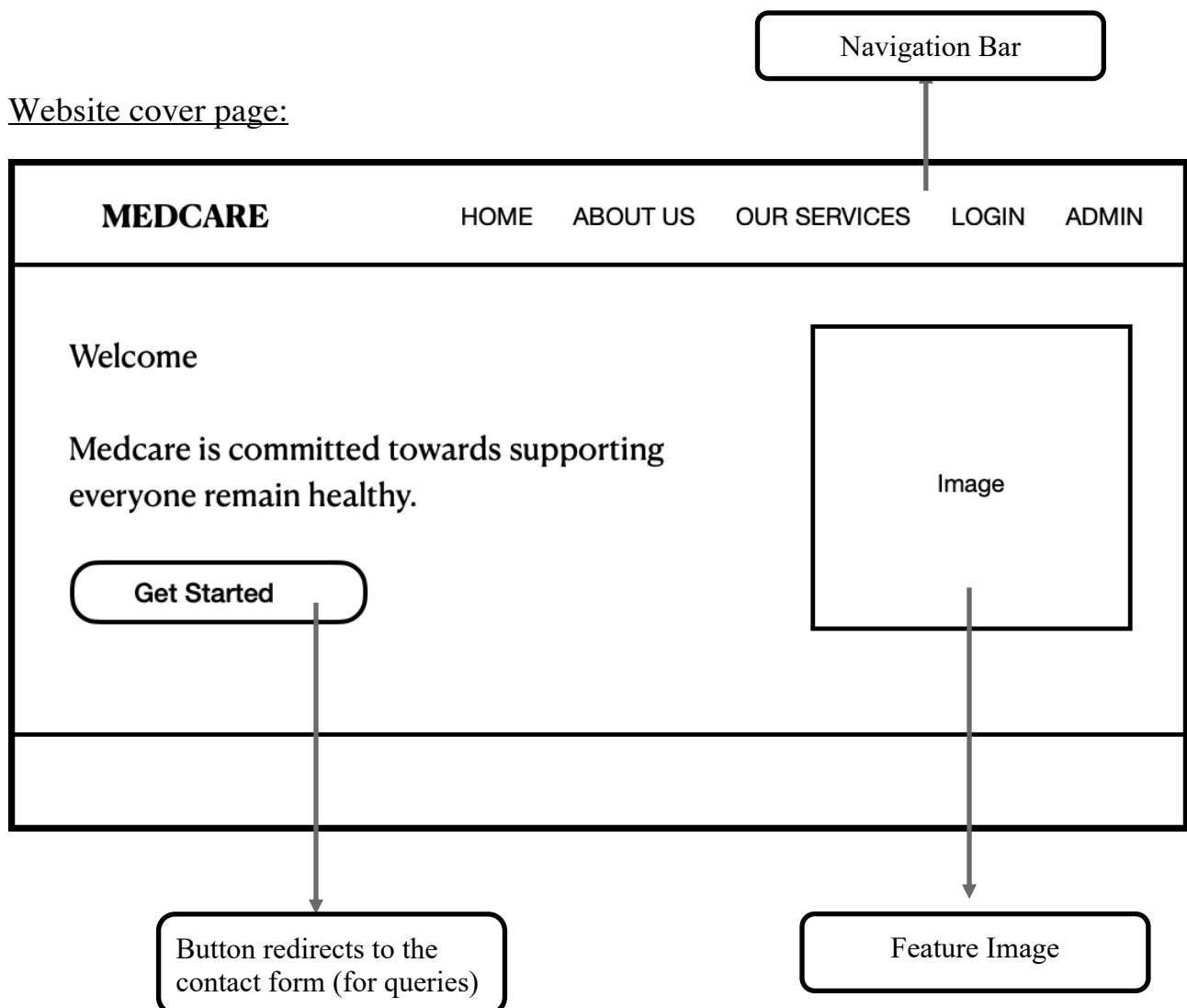
Elements required to be kept in the menu bar:

Home	About Us	Our Services	Login	Admin
------	----------	--------------	-------	-------

Submenus:



Website cover page:



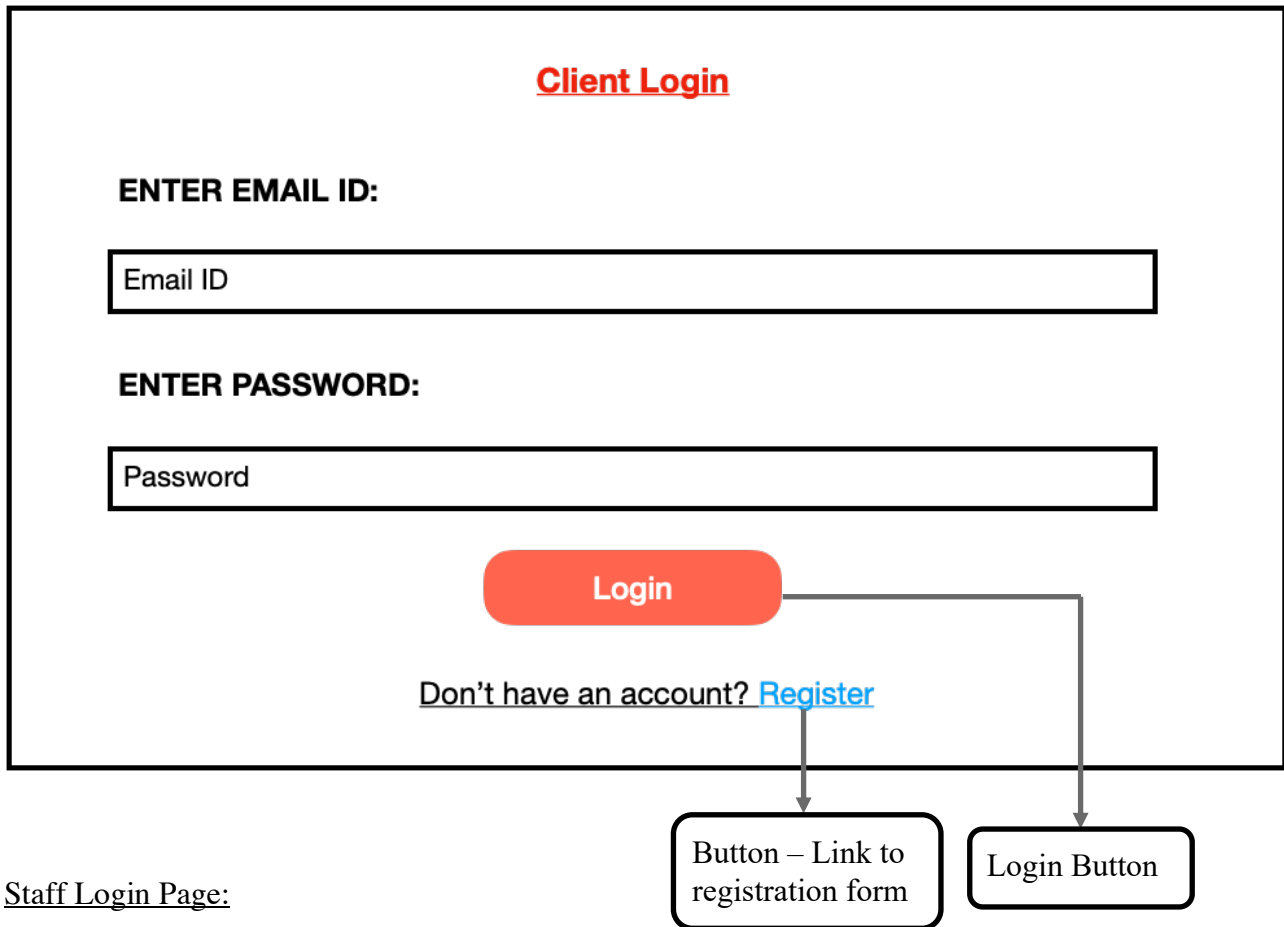
About Page:

<div>About US</div>		
<div>OUR AIM, VISION & MISSION</div>		
<div>Image</div>	<div><ul style="list-style-type: none">••••</div>	<div>Image</div>

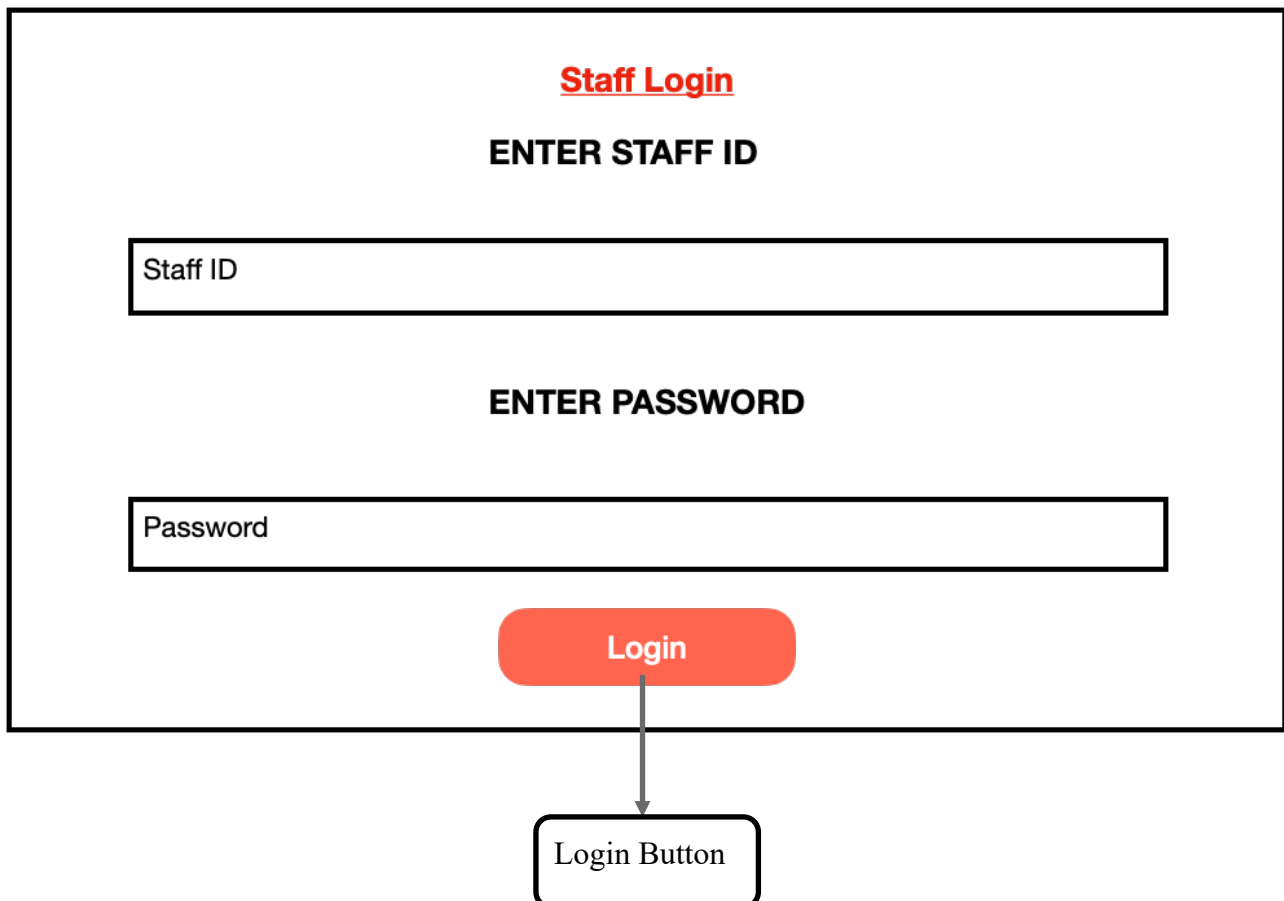
Our Services Page:

Our Services		
<div>FULL BODY CHECKUP Price: Rs.2,599</div> <div>Image</div>	<div>DIABETIC HEALTH CHECKUP Price: Rs.1,499</div> <div>Image</div>	<div>COMPLETE BLOOD COUNT(CBC) Price: Rs. 399</div> <div>Image</div>
<div>SENIOR CITIZEN PACKAGE Price: Rs. 1,899</div> <div>Image</div>	<div>WOMEN WELLNESS CHECKUP Price: Rs. 2,299</div> <div>Image</div>	<div>LIVER FUNCTION TEST (LFT) Price: Rs. 1,999</div> <div>Image</div>

Client Login Page:



Staff Login Page:



Registration Page:

Client Register

FIRST NAME

First Name

LAST NAME

Last Name

EMAIL ID

Email ID

CITY

City

ADDRESS

Address

PASSWORD

Password

CONFIRM PASSWORD

Password

Register

If You have Account, [Login](#)

Button – Link to
Client login form

Registration
button—click to
register.

Main Menu/Navigation Bar for client's account page:

Details	Change Password	Services	Cart 	Logout
---------	-----------------	----------	--	--------

Details Page:

Details

First Name: XX

Last Name: X

Email: xxxx@gmail.com

City: XX

Address: House No.XX, Street XX, Hyd.

Edit **Delete**

Change Password Page:

Button for editing details

Button for account deletion

Change Password

Enter Old Password:

Old Password

Enter Password:

New Password

Submit

Submit/Confirm Button

Service Page:

Services

FULL BODY CHECKUP
Price: Rs.2,599

Image

Book Service

DIABETIC HEALTH CHECKUP
Price: Rs.1,499

Image

Book Service

COMPLETE BLOOD COUNT(CBC)
Price: Rs. 399

Image

Book Service

SENIOR CITIZEN PACKAGE
Price: Rs. 1,899

Image

Book Service

WOMEN WELLNESS CHECKUP
Price: Rs. 2,299

Image

Book Service

LIVER FUNCTION TEST (LFT)
Price: Rs. 1,999

Image

Book Service

Cart:

Email	Service	Date & Time	Status
xxx@gmail.com	*Service Name*	yyyy/mm/dd () AM/PM	Pending
xxxgmail.com	*Service Name*	yyyy/mm/dd () AM/PM	Pending

Display date and time slot
in the following format

Add to Cart:

Add to Cart

Service:

Date & Time:

*Display calendar with dates
and time slots, with a
difference of an hour*

Main Menu for Staff account's page:

Service Bookings	Logout
------------------	--------

Service Bookings Page:

Cart

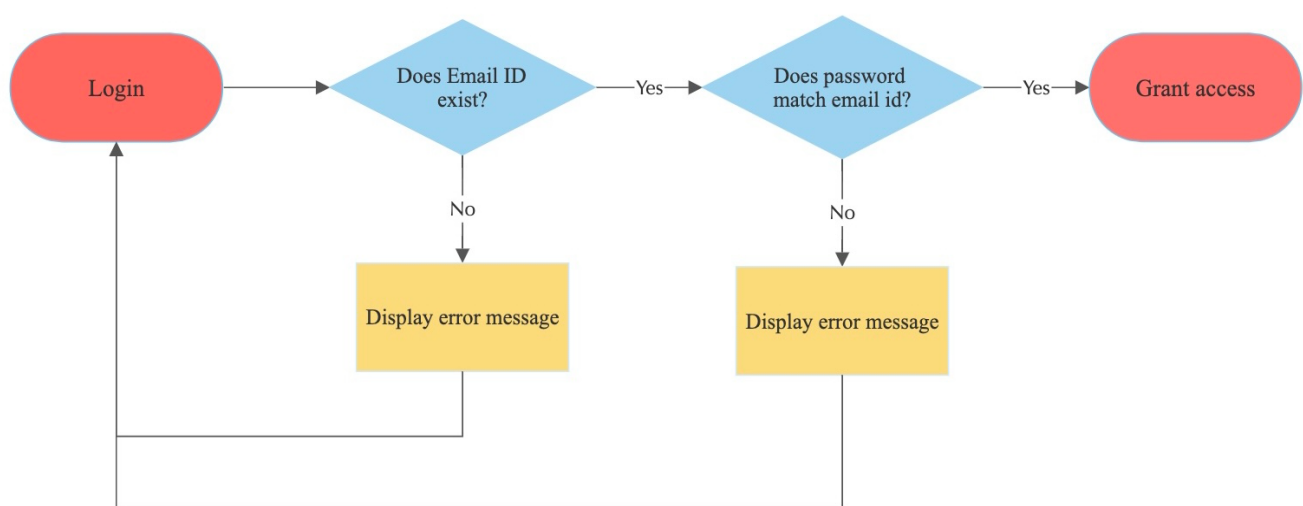
Email	Service	Date & Time	Status	
xyy@gmail.com	*Service Name*	yyyy/mm/dd () AM/PM	Approve	Reject
yxy@gmail.com	*Service Name*	yyyy/mm/dd () AM/PM	Approve	Reject
yxx@gmail.com	*Service Name*	yyyy/mm/dd () AM/PM	Approve	Reject

Display date and time slot
in the following format

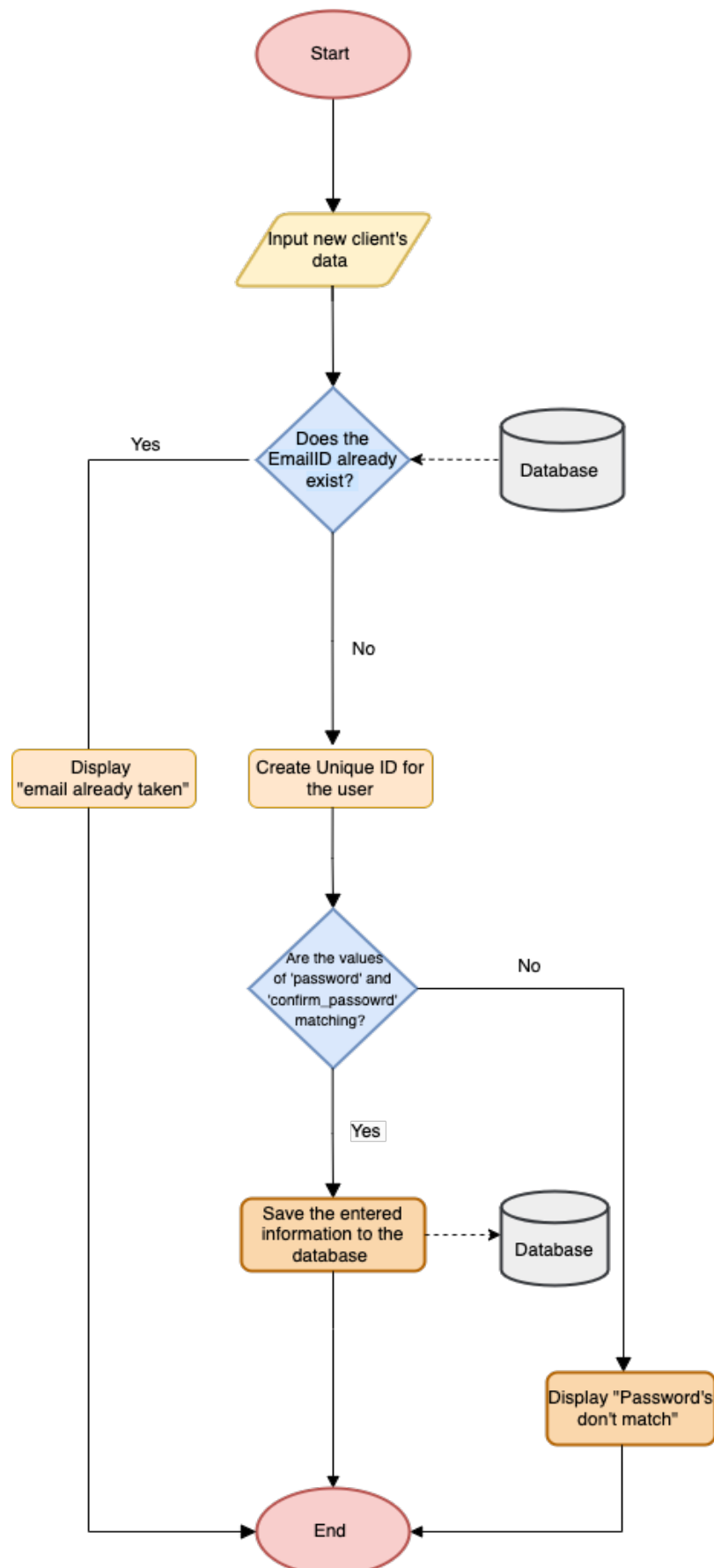
Buttons for approval or
rejection of the
appointment

FLOWCHARTS:

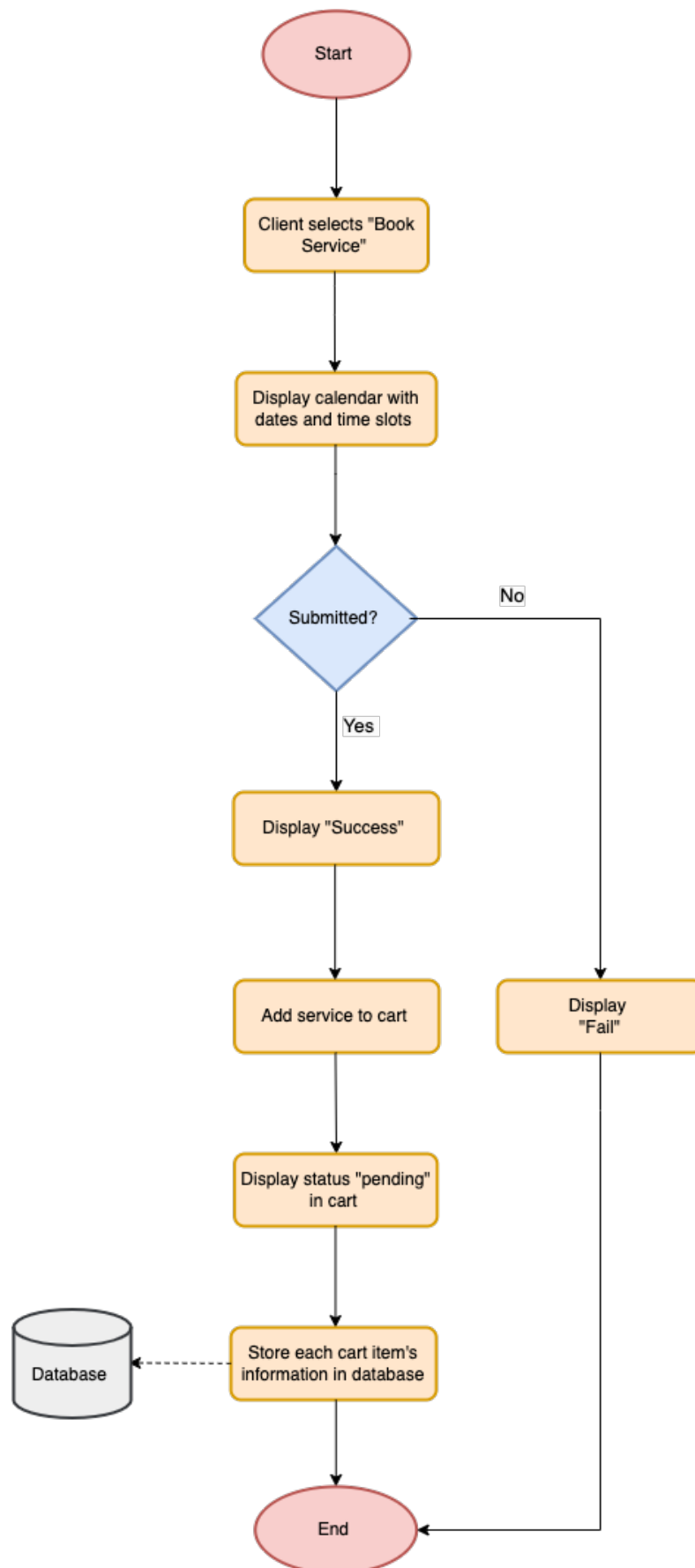
Client Login Process



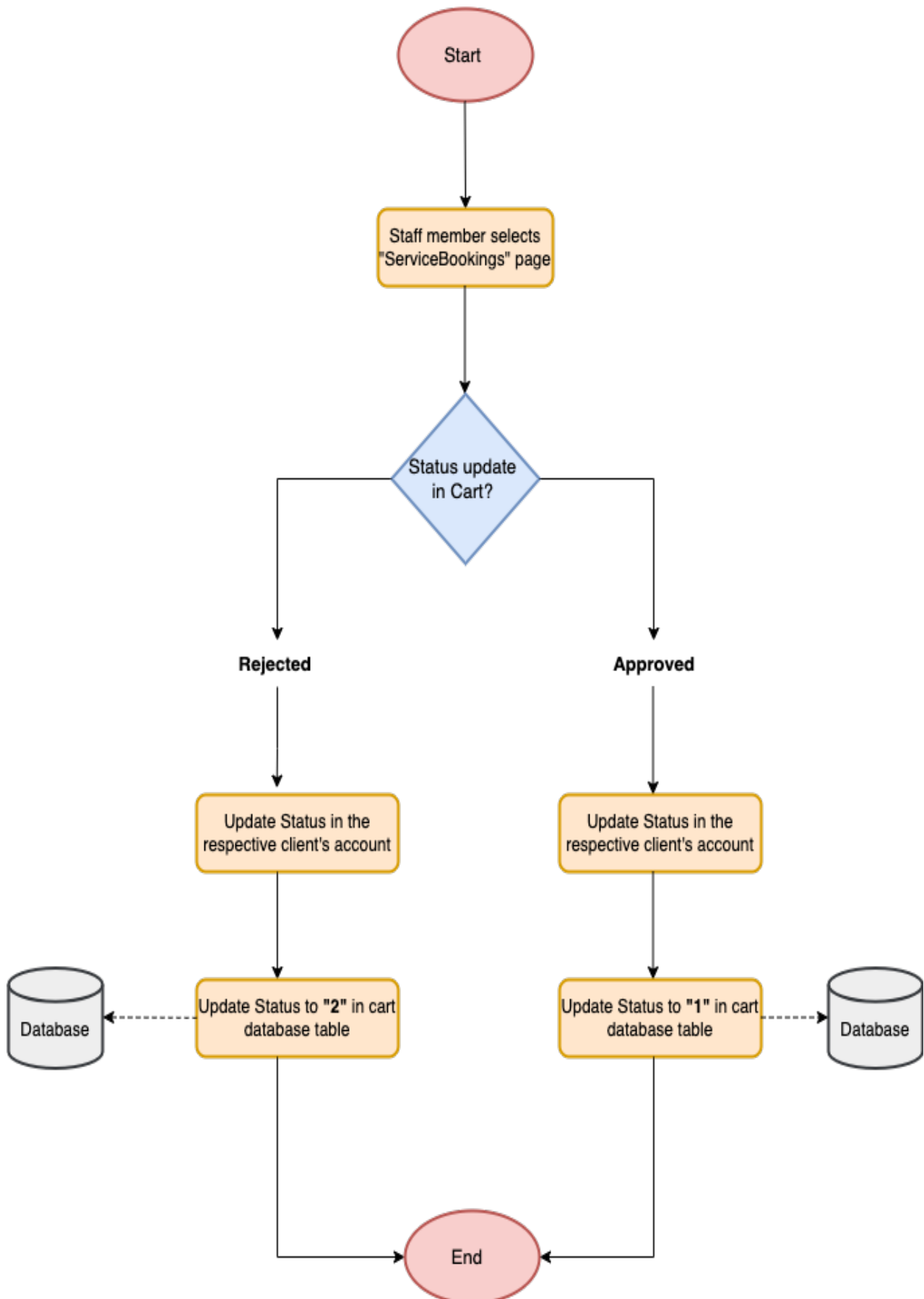
Client Registration Process



Booking Services Process

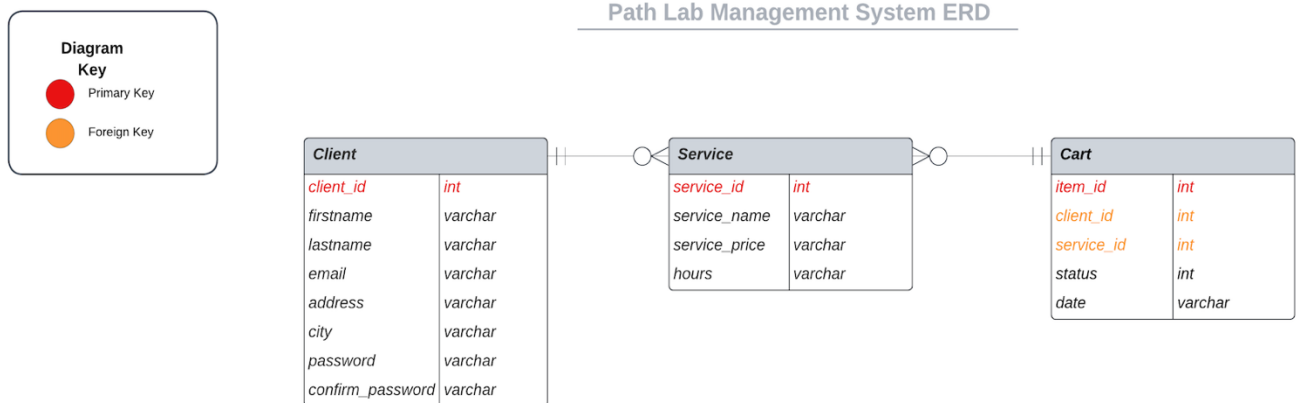


Updating Status of Appointments:



Entity-Relationship Diagram (ER Diagram):

An ERD represents a logical view of the database and show how entities are related to each other.



UML Class Diagram:

UML (or Unified Modelling Language) was developed to create a standard way of visualizing the design of a system. The structural description in UML Class Diagrams show the system's classes and how they relate to one another.

The following UML Class Diagram was created for the Appointment Booking System and show how the classes involved are related to each other.

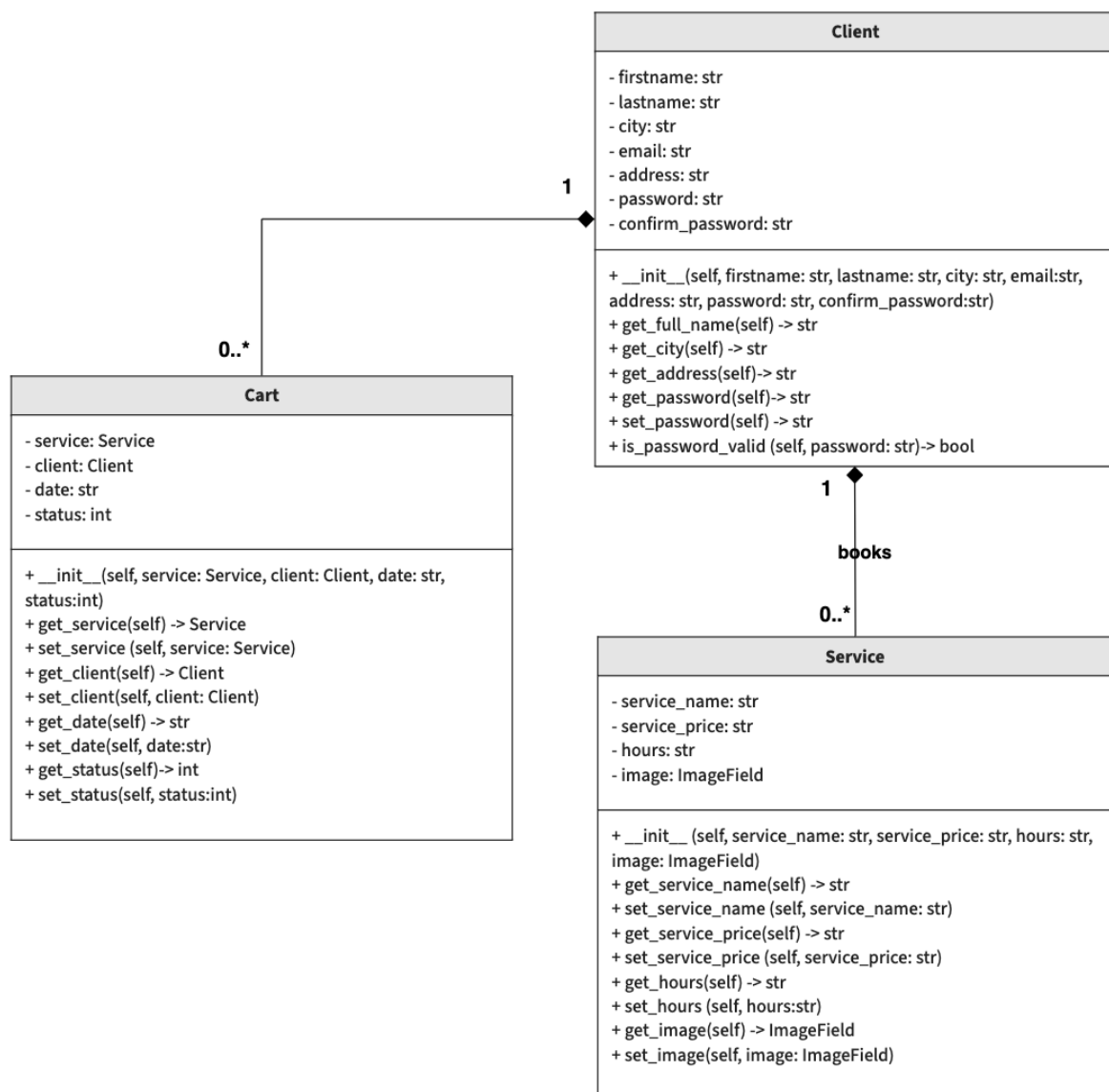


Table Design/ Structure:

The following table designs/structures are used in SQLite database for storage where the user can store, edit, or delete the data.

Table Name: “client”

Field Name	Data type	Description
client_id	integer	Unique ID of every new user/client
firstname	Varchar (50)	First name of client
lastname	Varchar (50)	Last name of client
city	Varchar (50)	City name
email	Varchar (50)	Email address
address	Varchar (500)	House address
password	Varchar (50)	Password for client's new account.
confirm_password	Varchar (50)	Password confirmation

This table stores the information entered by the client in the registration page. Each client is given a unique client ID.

Table Name: “cart”

Field Name	Data type	Description
item_id	integer	Stores Unique ID of each item/booked service added to cart
client_id	bigint	Corresponding client id
service_id	integer	Corresponding service id
Status	integer	Status of confirmation of appointment
Date	Varchar (50)	Date of the appointment

This table stores the cart information for every booked service. The status gets updated after the changes are made by the staff member. This table is mainly used for viewing a particular day’s appointments.

Table Name: “staff”

Field Name	Data type	Description
number_id	integer	Number ID for each staff member
staffid	varchar (100)	Staff ID for each staff member
password	varchar (100)	Password for staff login

This table stores the staff user information entered by the admin in the administration page.

Table Name: “services”

Field Name	Data type	Description
service_id	integer	Unique ID for each service
service_name	Varchar (100)	Name of the service
service_price	Varchar (100)	Price of the service
hours	Varchar (100)	Expected report result
image	Varchar (100)	Image file of service

This table stores the details of each service under ‘Our Services’ page accessible by the clients.

Test Plan:

<u>Test Type</u>	<u>Test Method</u>	<u>Expected result</u>	<u>Success Criteria</u>
Clients are able to register.	Input appropriate data into the registration page, then submit.	Client/user created in the database.	1
Clients can change their personal info/password	Edit feature available on the details page, submit after making changes. Enter old password, and then new password on ‘Change password’ page, submit after updating.	Information gets updated on the database.	4

Clients can book appointments	In 'service bookings' page, book a specific service and select date and time slot.	The booking gets updated under the cart table in the database along with client id and status. (After approval/rejection from staff member)	5
Different UI for clients and lab staff members.	Under the login button on the main page of the website, choose client/staff login accordingly.	Different GUI appears for clients and staff members. Clients will have additional features, while the staff account page can only update the status of bookings.	3
Staff can log in with given credentials	Go to staff log in, enter StaffID and password to login.	Staff credentials are stored in the database as soon as they are created in the admin page.	2
Staff can update the status of bookings (approve/ reject)	After logging into staff account, go to service bookings page, client booking information will be available, along with two action buttons (approve/reject).	The status gets updated for the client in their account, and also under the cart table in database.	6
Admins can view information and access edit features	Go to admin page and login with credentials. Admin can access client and website information under site administration.	Editing done by the admin will automatically be updated on the website and specific database.	7
Clients can contact for queries	In the contact page, clients can send their messages/queries to the center.	The information gets updated under the contact table in database.	8
Input validation	When users accidentally enter inappropriate/incorrect	An error message is displayed on the	9

	data i.e., wrong credentials, mismatched passwords, etc.	screen and no further action is taken.	
Organized view of a particular day's schedule	Update appointment bookings on the website.	The admin and staff can view the number of appointments with details on each day under the cart table in the database.	10