
Software Requirements Specification

for

Forever Family Saloon

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

The project's primary goal is to keep the lines of communication open between our client(Forever Family Saloon) and its patrons. Our application offers the essential services that enable the bar to easily offer the greatest amenities.

1.2 Document Conventions

❖ Text formats:

- Font style:
Times New Roman
- Font size:
12 for Regular Text
14 for Sub-Headings
18 for Headings.
- Text Alignment:
Left

1.3 Intended Audience and Reading Suggestions

The document is intended for all the users and the developers – designers, coders, testers and maintainers. The reader is assumed to have basic knowledge of Android, databases and user accounting along with knowledge and understanding of DFDs, Sequence, Class, Activity and Use-case diagrams.

1.4 Project Scope

All of the customer-defined requirements will be reflected in the application. They will be able to carry out a number of tasks for the saloon's owners and patrons with the Forever Family Saloon application.

The application that will be created will include an app's database in accordance with customer requirements (hairstyles, prices, etc)

1.5 References

Link - https://gephi.org/users/gephi_srs_document.pdf

2. Overall Description

2.1 Product Perspective

The owner ought to utilize the Forever Family Saloon application to streamline procedures such as appointment scheduling, displaying new offers to customers, and reminding them of the opening and closing times, among other things. The Forever Family Saloon's patrons as well as the owner stand to gain significantly from the built application. It makes it simple for the user to search through the catalog's various services. The application gives the user information about the services that match what they were looking for. They only need to click once to book an appointment. Additionally, the user has the option of viewing their profile. The gender, email address, and username are all disclosed on the profile.

2.2 Product Features

The functional overview of the finished product is presented in this section. The following features should be provided by the product.

- Register
- Login
- Logout
- View Profile
- Book appointment
- View Catalog & Other Services
- Feedback

2.3 User Classes and Characteristics

- User module:
 - Book appointment
 - View Offers
 - View Timing
 - View Staff details
 - View Profiles
 - Give Reviews

2.4 Operating Environment

Android mobiles

2.5 Design and Implementation Constraints

The application was created in Android Studio and is only intended to function with Android-powered devices. Java is utilised to create the application's backend, and XML is used for the front end.

2.6 User Documentation

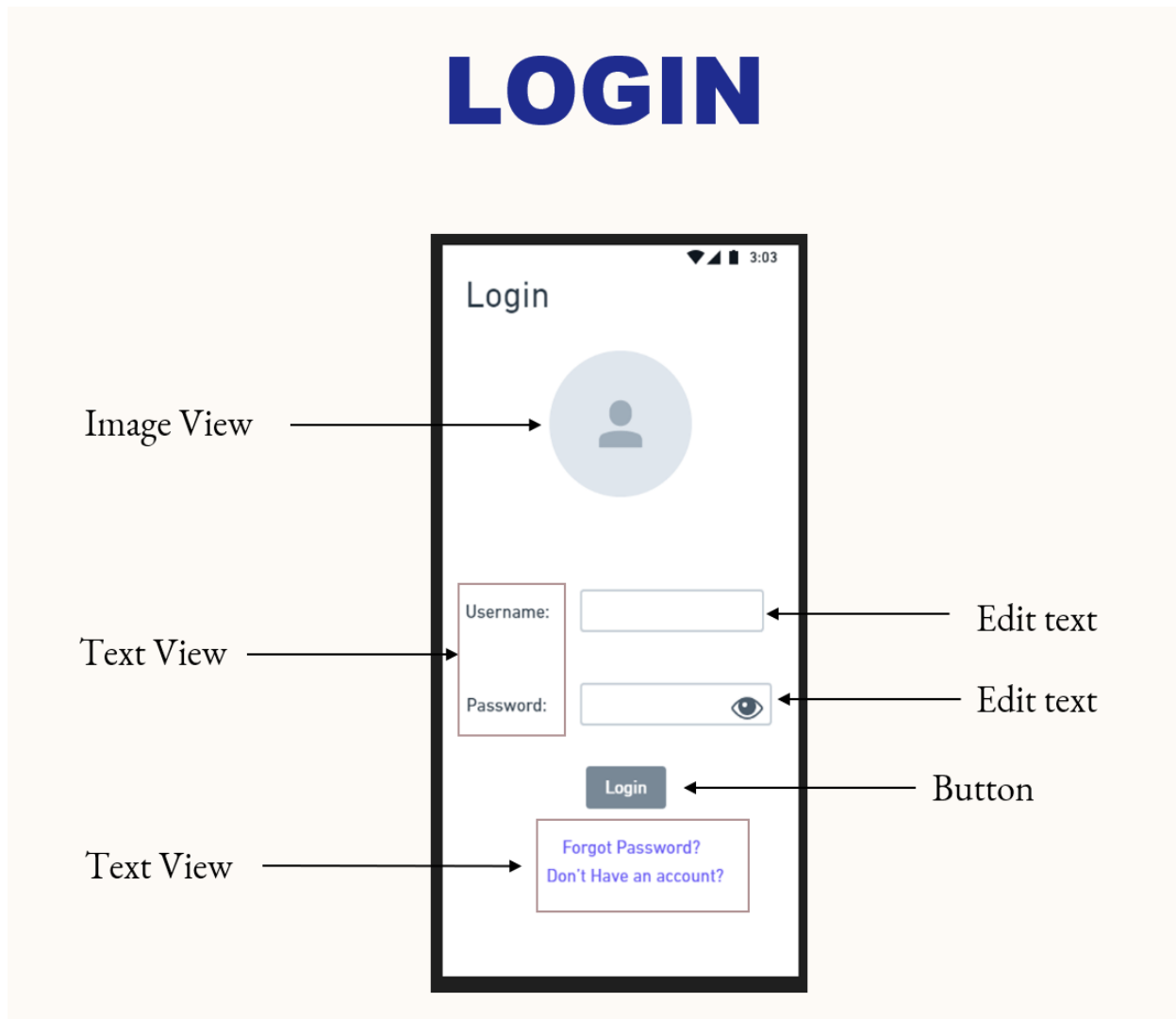
It will give users detailed instructions on how to utilize the Forever Family Saloon Application.

2.7 Assumptions and Dependencies

Users are required to log into their accounts using the software installed on their own devices.

3. System Features

3.1 Login



→ Users can Login with their valid credentials in this Application.

3.2 Registration

REGISTRATION

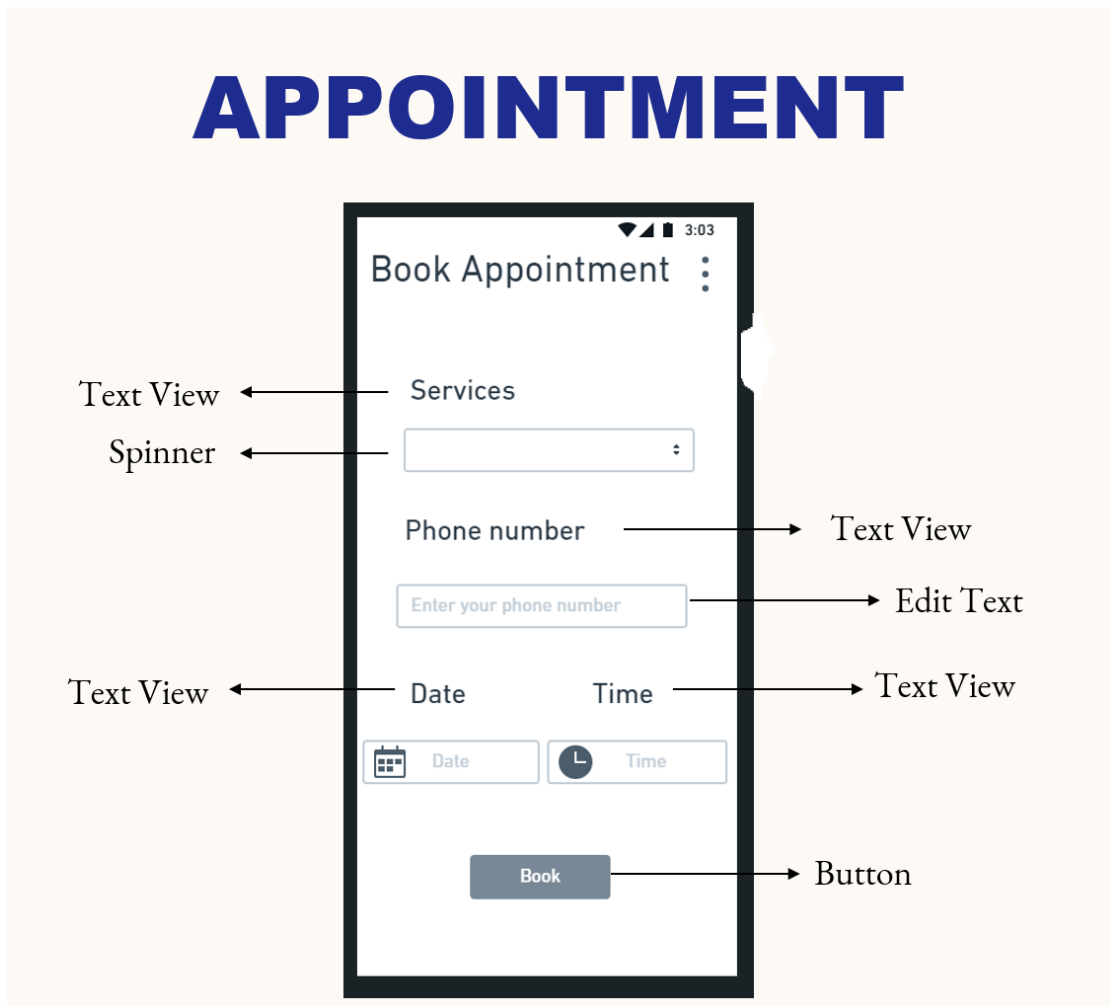
The diagram shows a mobile registration form with the following components and labels:

- Text View**: Points to the 'Full Name' label.
- Edit Text**: Points to the input field for 'Email/Username'.
- Radio Group and Radio Buttons**: Points to the 'Gender' section with options 'Male', 'Female', and 'Other'.
- Button**: Points to the 'Register' button.
- Text View**: Points to the 'Already have account' link.

The form includes input fields for 'Full Name', 'Email/Username', 'Password', and 'Confirm Password'. The 'Gender' section has three radio buttons for 'Male', 'Female', and 'Other'. The 'Register' button is a dark grey rectangle, and the 'Already have account' link is a blue text element.

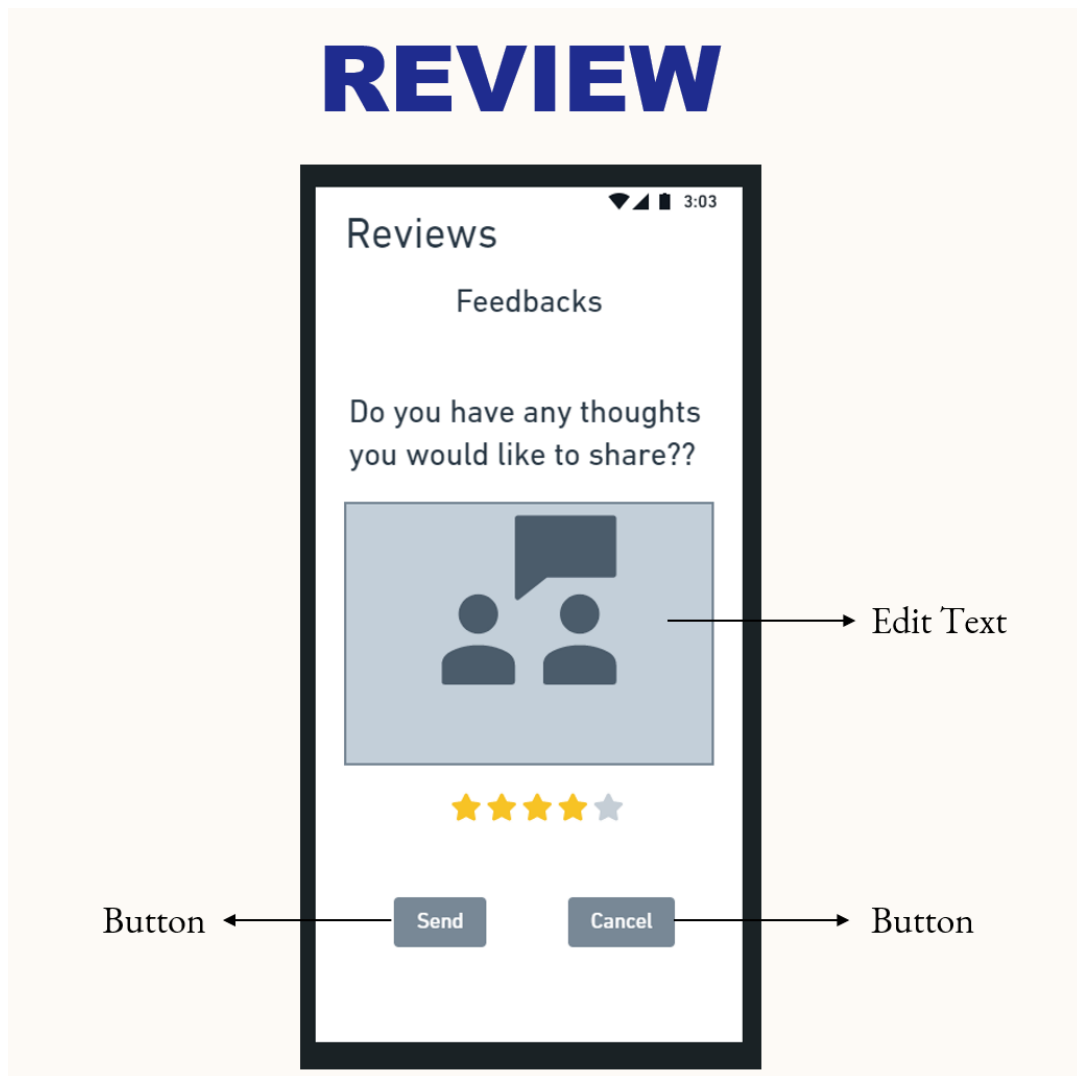
→ Users can register or create a New Account.

3.3 Appointment Booking



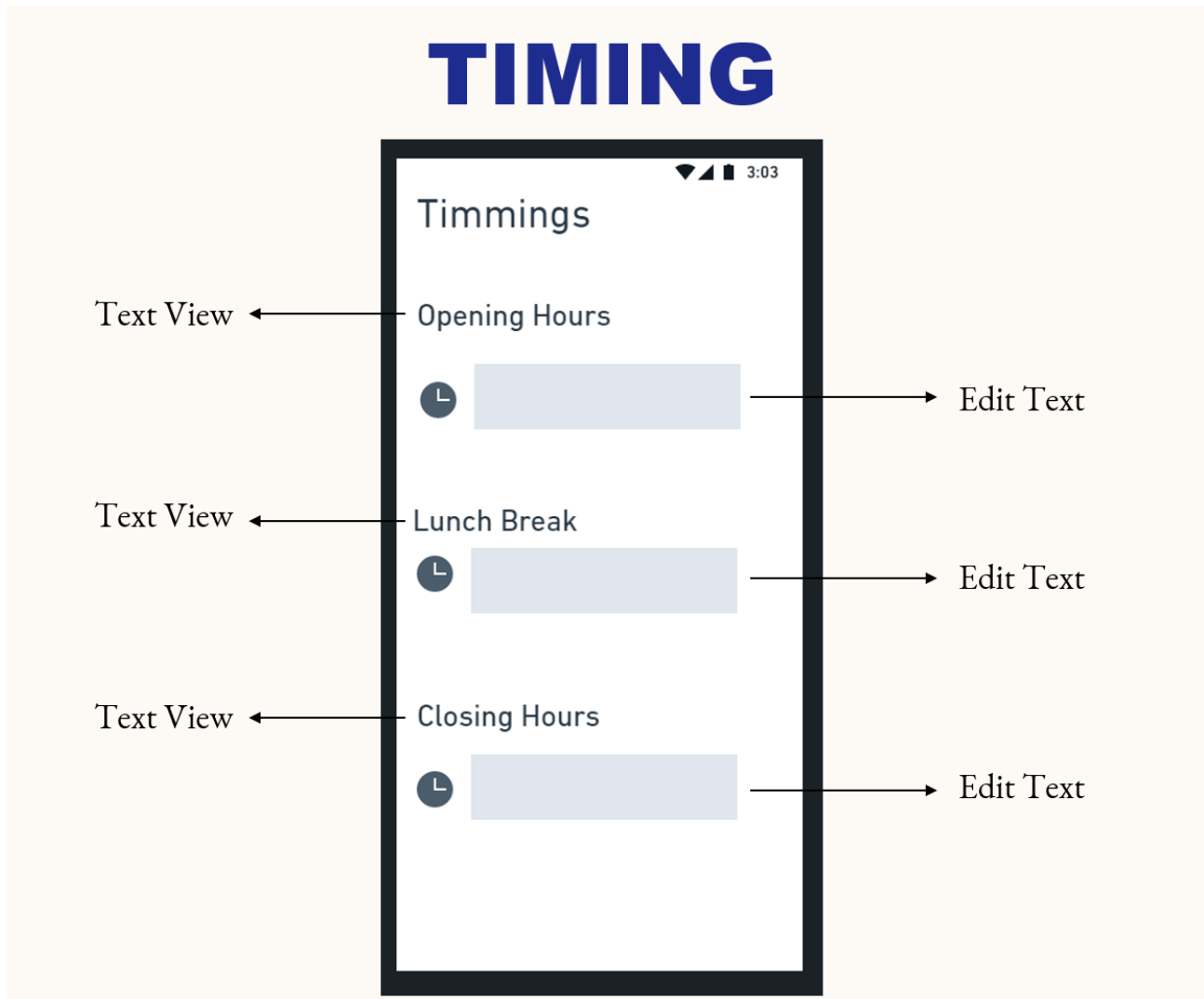
→ Users can book Appointments Online.

3.4 Feedback



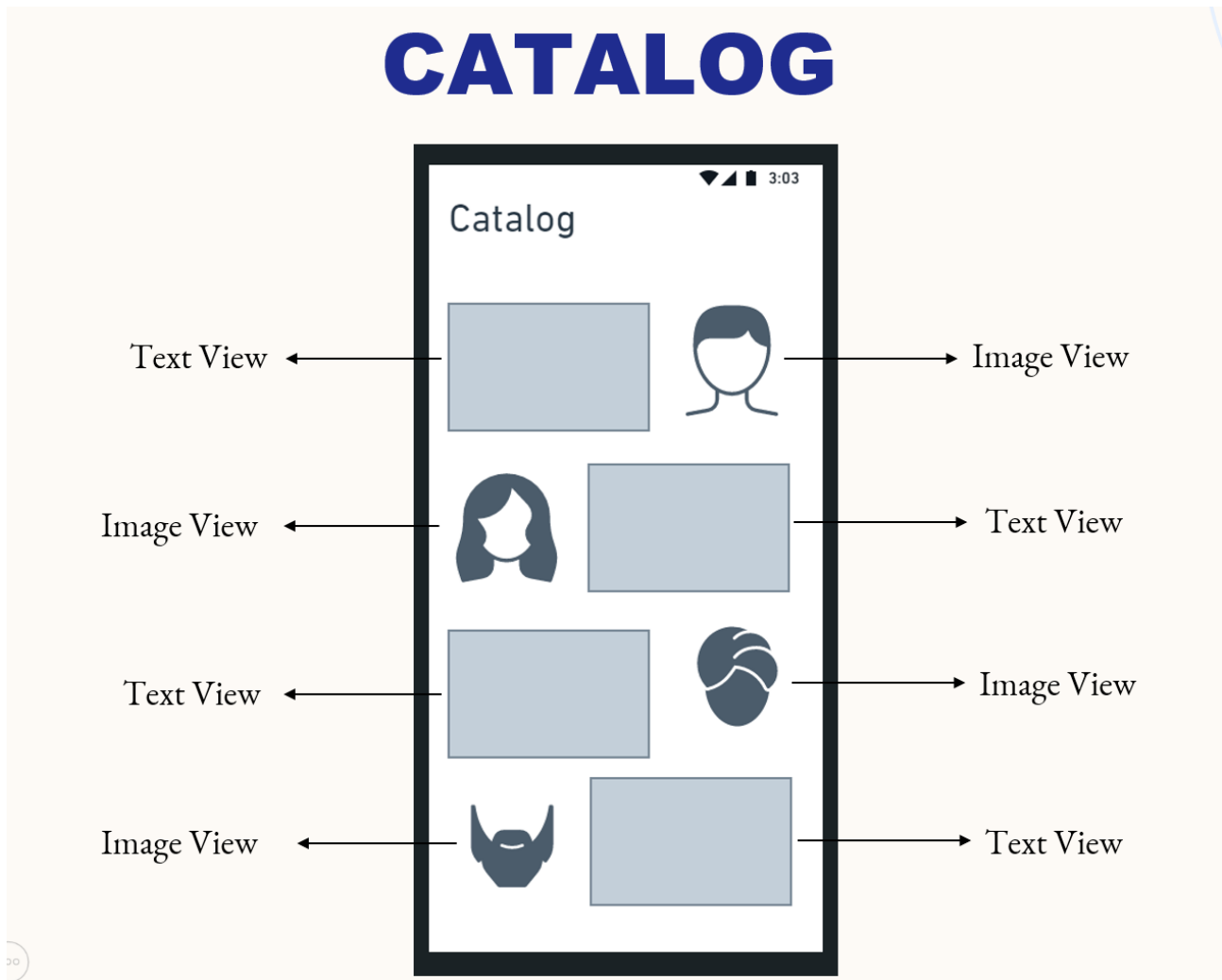
→ Users Can give feedback.

3.5 Timing



→ Users Can View Opening, Closing and break times

3.6 Catalog



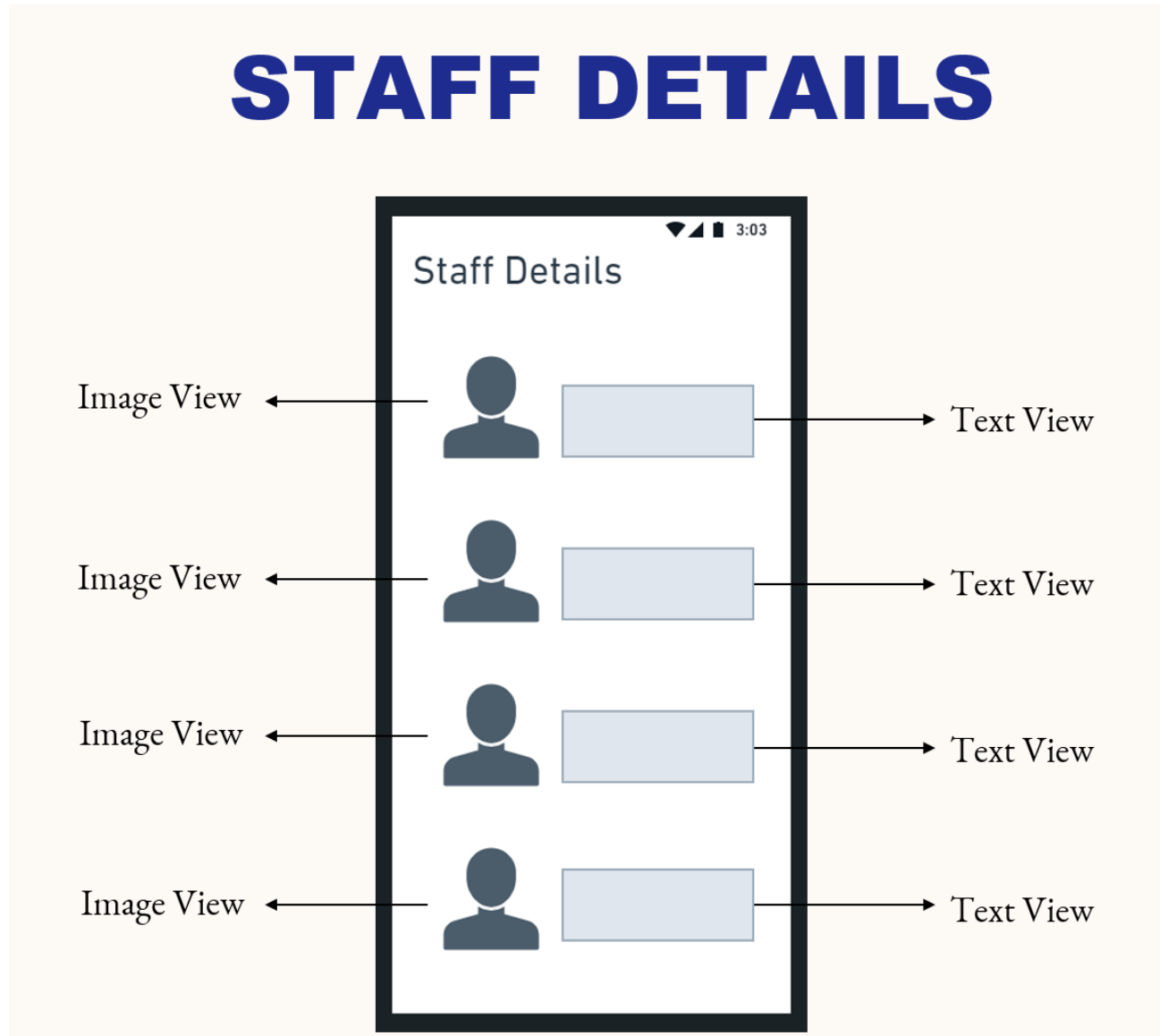
→ Users Can View Catalog

3.7 Offers



→ Users Can View New Offers

3.8 Staff Details



→ Users Can View Staff Details

4. External Interface Requirements

4.1 User Interfaces

The application offers a sophisticated interface for users to enter their login credentials and access their accounts. When a user enters incorrect account information, such as an incorrect username or password, an error message will appear to let them know. A new user only has to sign up if they want to log into the application for the first time. The user can retrieve their password if they can't remember it.

4.2 Hardware Interfaces

Various interfaces for the product could be:

1. Android smartphone

4.3 Software Interfaces

Various interfaces for the product could be:

1. Android Operating System
2. Internet Connection

5. Other Non-functional Requirements

5.1 Performance Requirements

Increase customer satisfaction.

- The same resources of application can be used many times by a number of users.
- We have data backup so when any data is deleted, we can recover the data

5.2 Safety Requirements

- Both data and software should be backed up periodically.
- An off-site backup is necessary for recovery from major failure to ensure business continuity

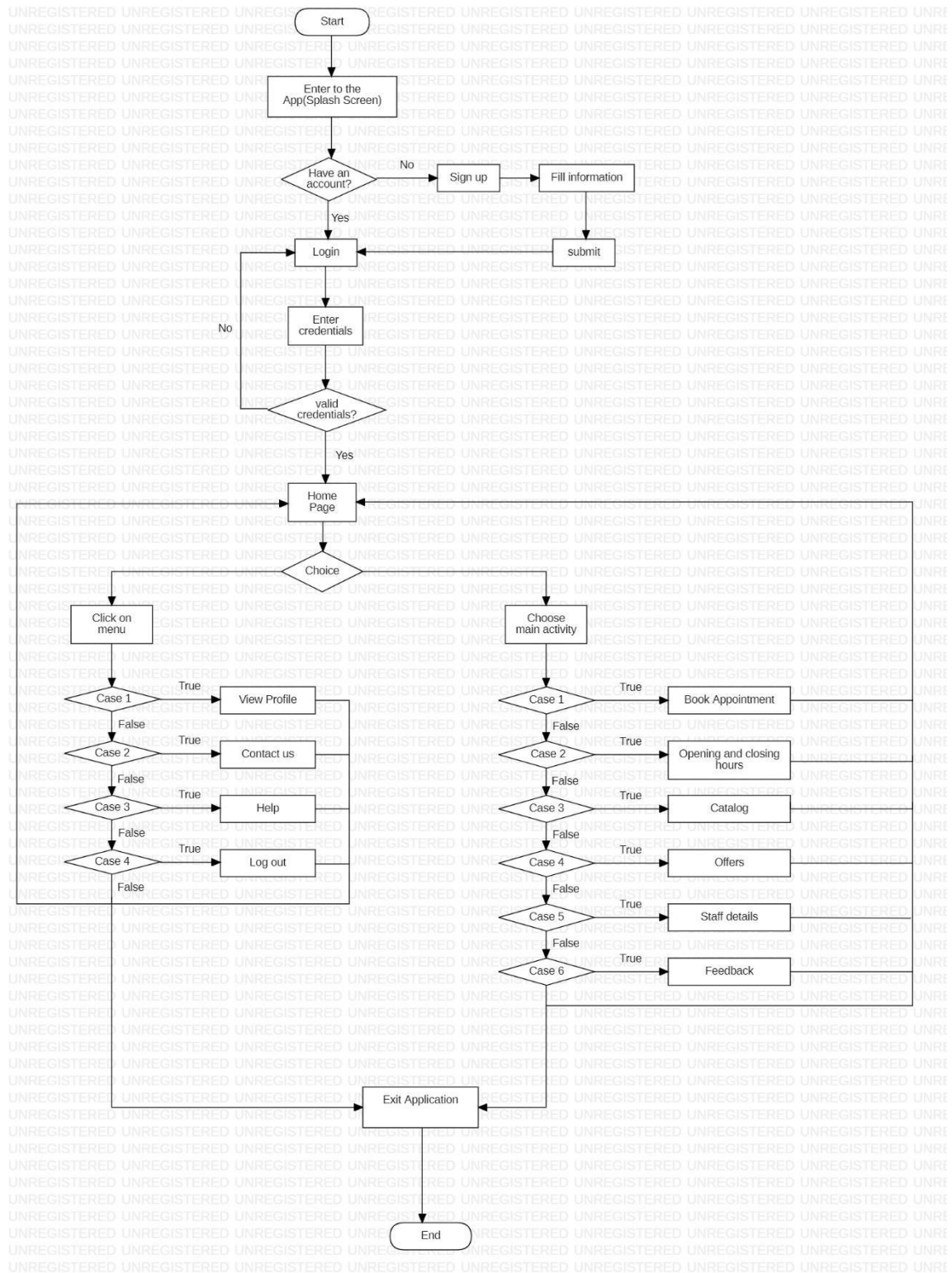
5.3 Security Requirements

The user will submit their information, have the option to edit it, and the administrator will check the user's profile. The administrator can then update some of the features and add or remove user profiles as necessary.

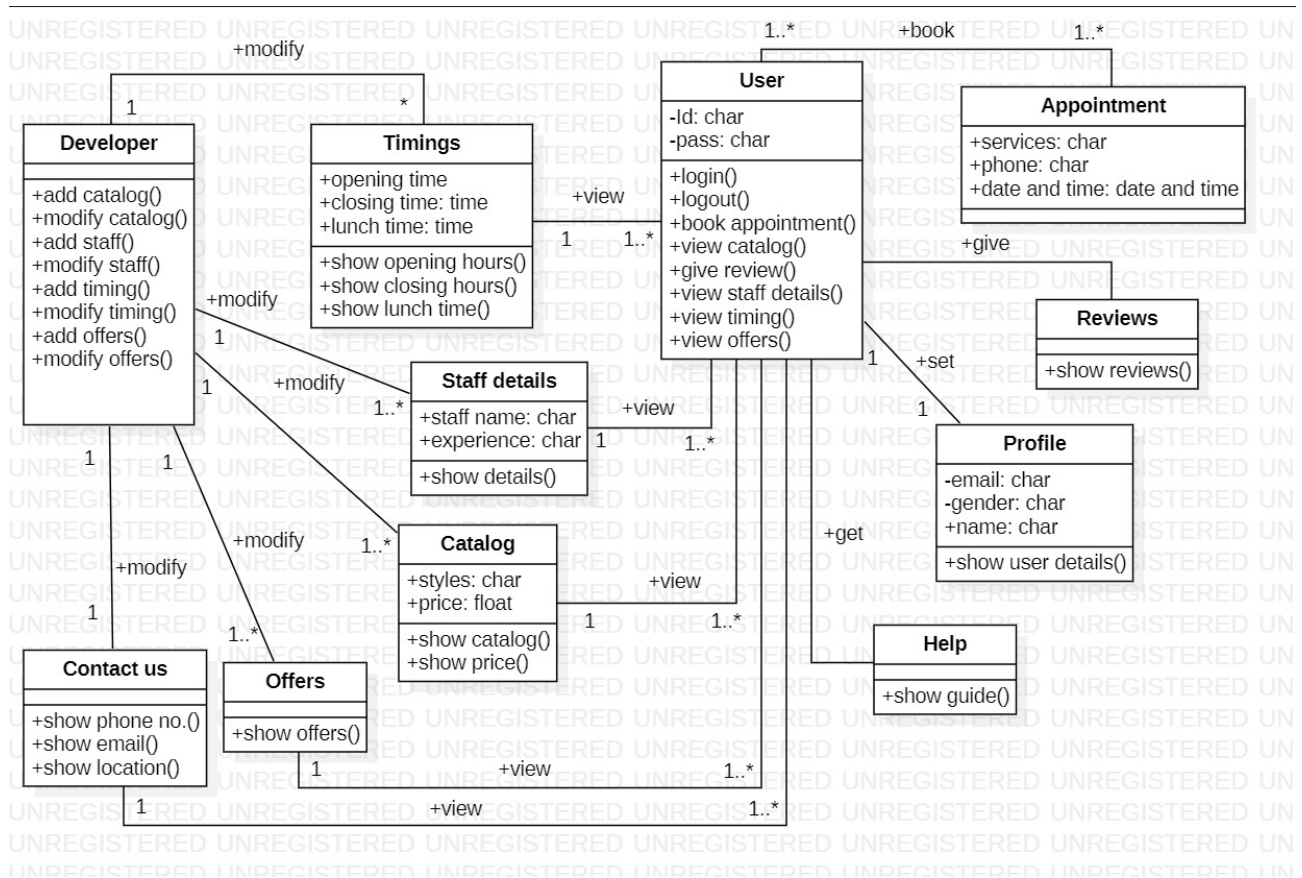
6. Other Requirements

Appendix A: Analysis Models

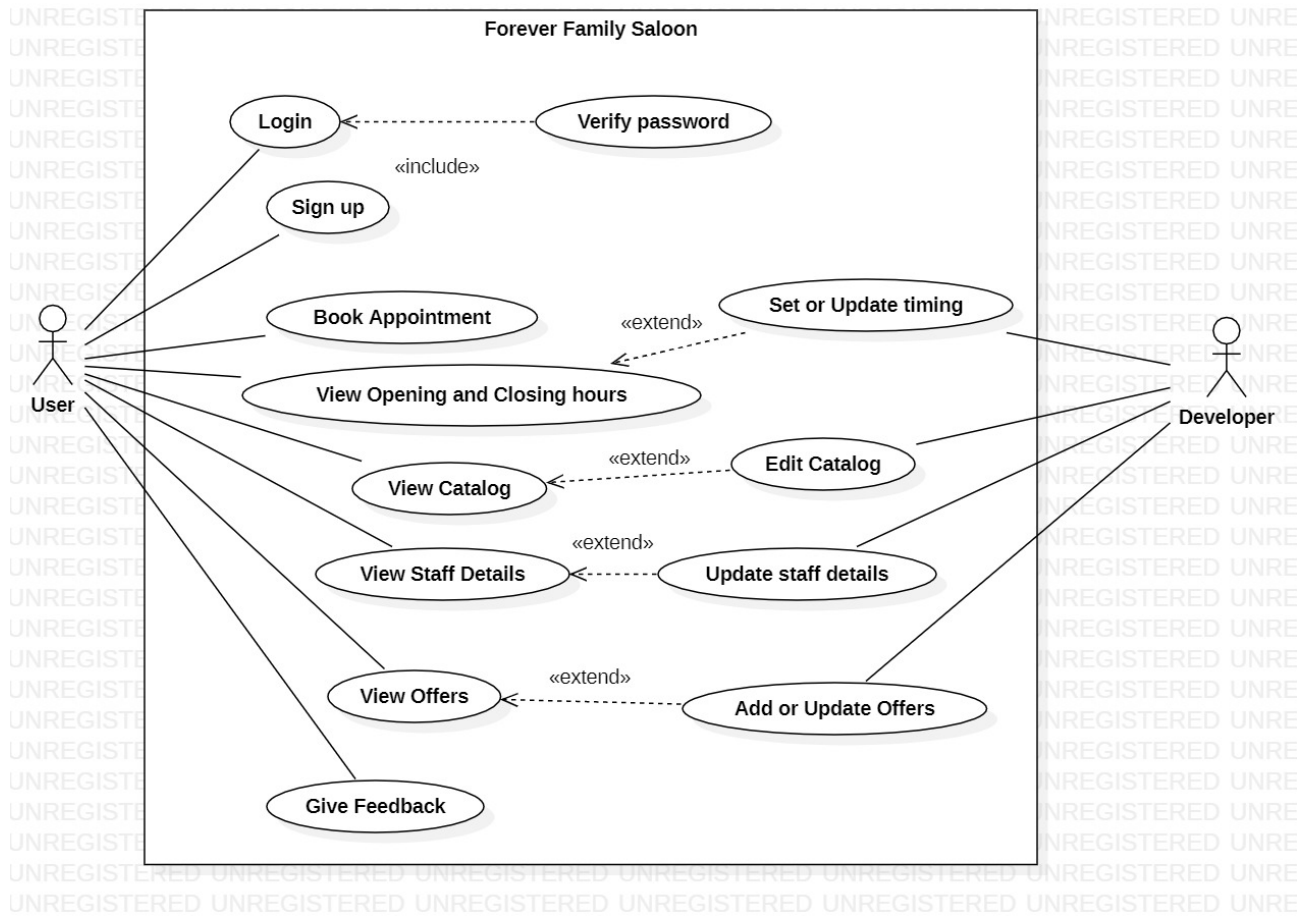
1. Flow Chart



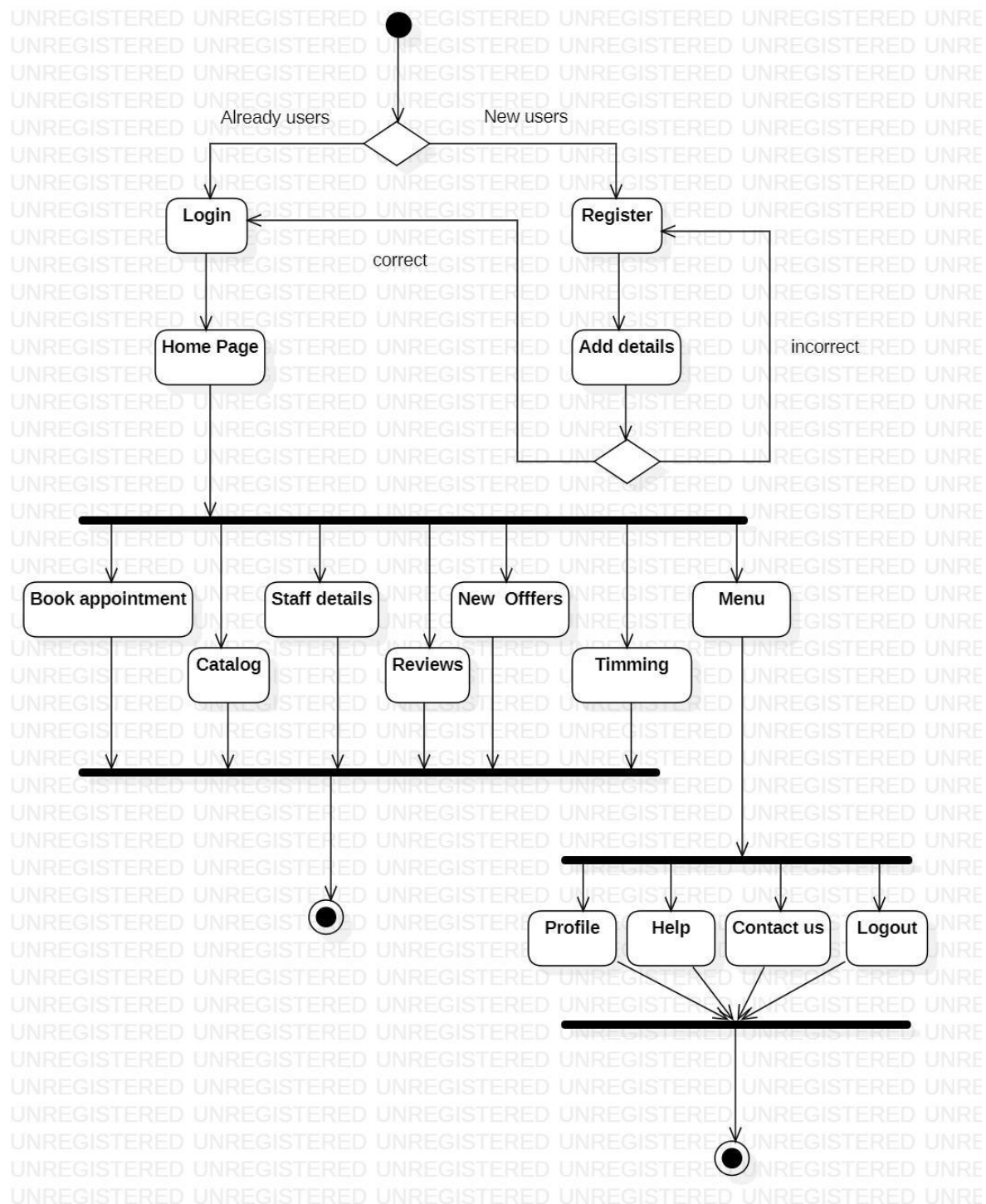
2. Class Diagram



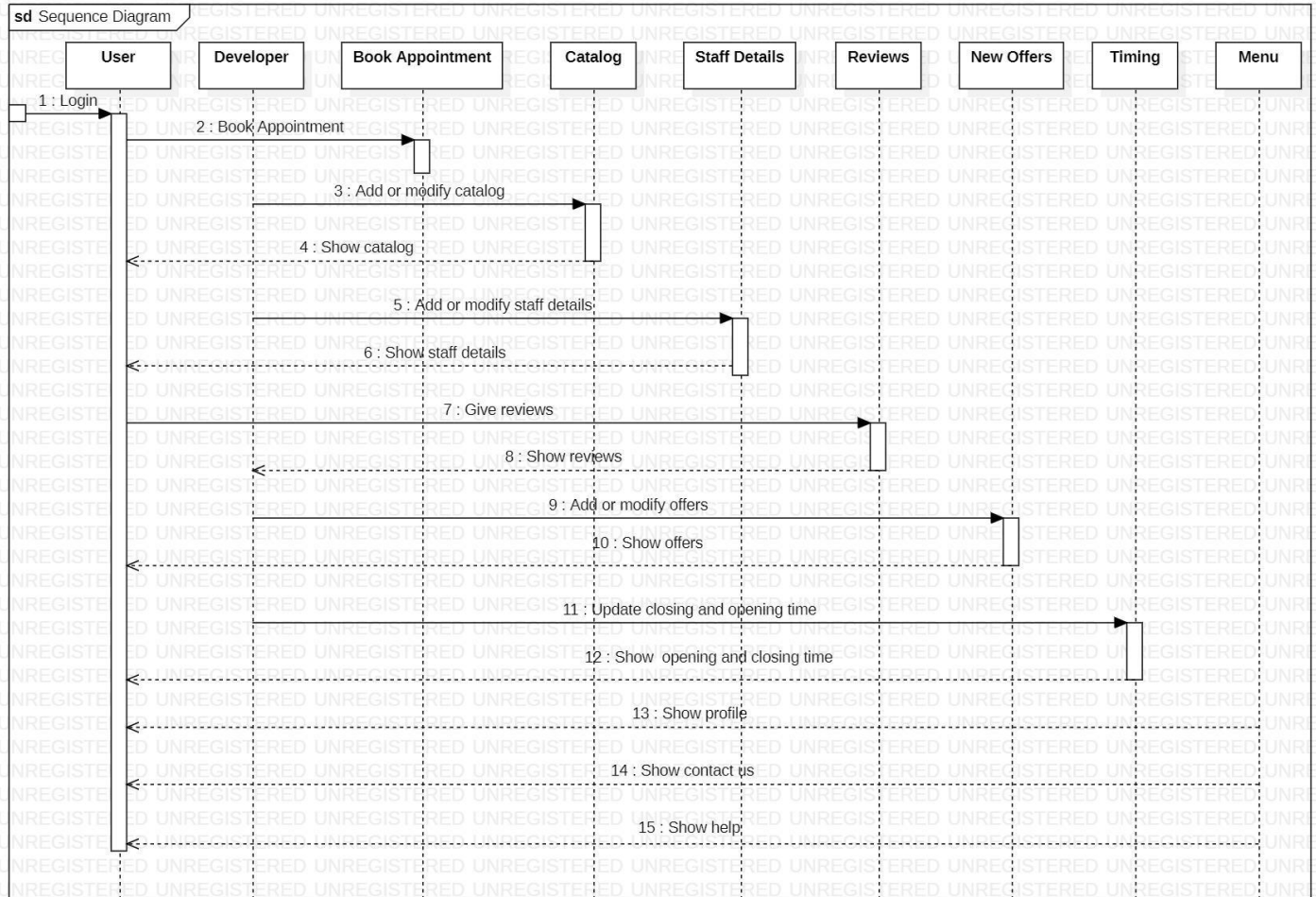
3. Use case Diagram



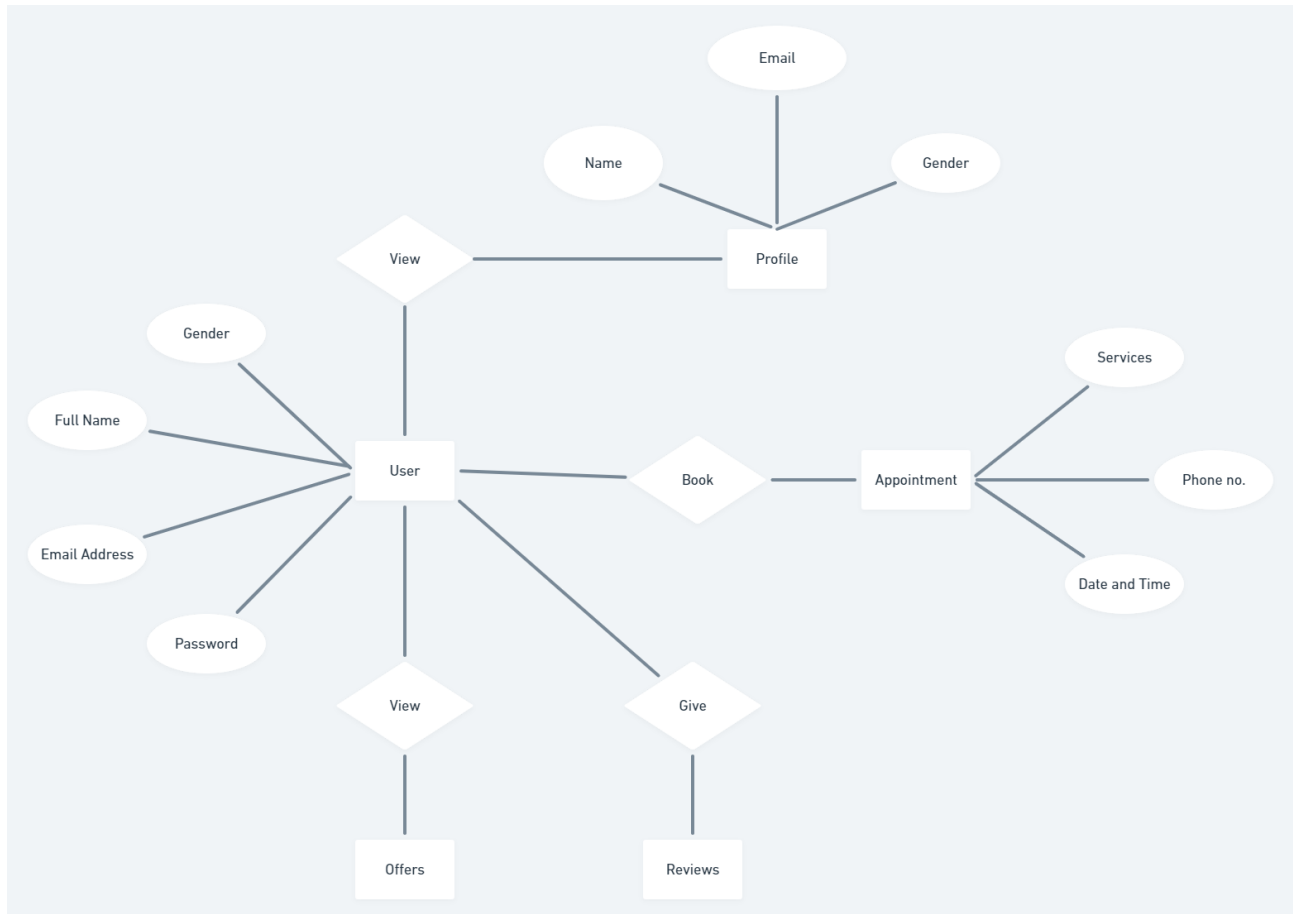
4. Activity Diagram



5. Sequence Diagram



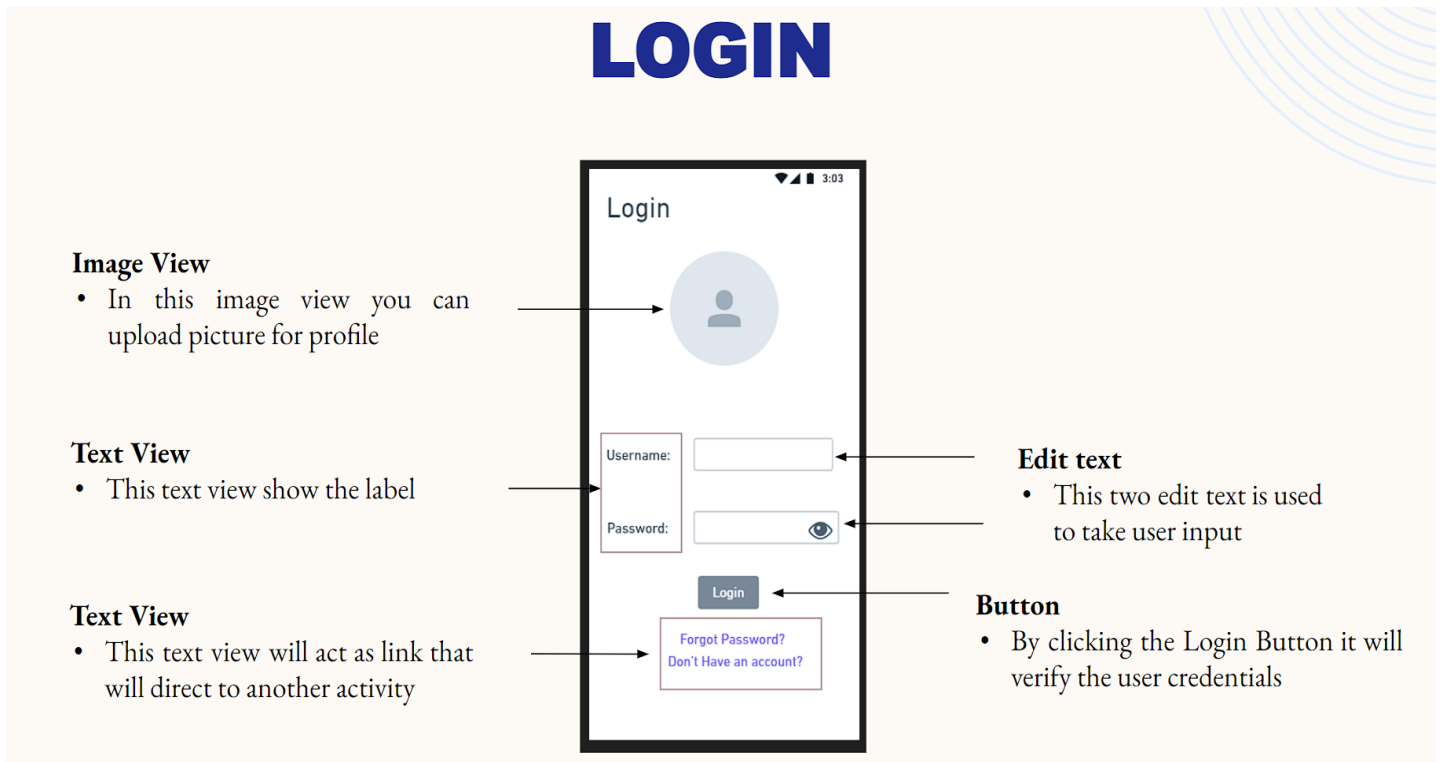
6. ER Diagram



Appendix B: Issues List

- Improper Authentication
- Software Maintenance complexity
- No optimisation for storage
- Basic and simple UI

Wire Frame Component Description



REGISTRATION

Text View

- This text view show the label

Button

- By clicking the Register Button it will store user data into database

The Registration form contains the following elements:

- Full Name**: A text input field.
- Email/Username**: A text input field.
- Password**: A text input field.
- Confirm Password**: A text input field.
- Gender**: A group of three radio buttons labeled Male, Female, and Other.
- Register**: A button to submit the registration data.
- Already have account**: A text link to navigate to the login screen.

Edit text

- This two edit text is used to take user input

Radio Group and Radio Buttons

- User can select any one radio button

Text View

- This text view will act as link that will direct to login activity

REVIEW

Text View

- This text view show the label

Button

- On clicking this button it will send the data

The Reviews form contains the following elements:

- Feedbacks**: A text input field for user feedback.
- Do you have any thoughts you would like to share??**: A text input field for user thoughts.
- Review Icon**: An icon showing two people and a speech bubble.
- Rating**: A row of five stars, with the first four filled and the last one empty.
- Send**: A button to submit the review.
- Cancel**: A button to clear the review input.

Text View

- This text view show the label

Edit text

- This edit text is used to take user review

Button

- On clicking this button it will clear the feedback

TIMING

Text View

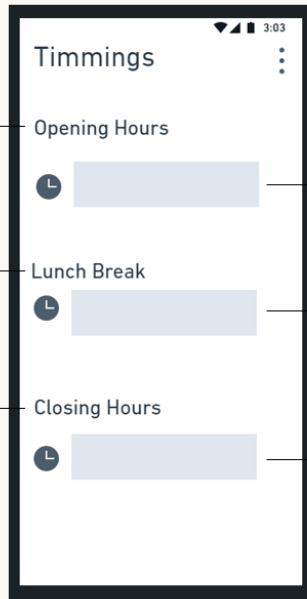
- This text view show the label

Text View

- This text view show the label

Text View

- This text view show the label



Edit text

- This edit text will show opening time

Edit text

- This edit text will show lunch break time

Edit text

- This edit text will show closing time

CATALOG

Text View

- This text view show the label

Image View

- This will show an image of different styles

Text View

- This text view show the label

Image View

- This will show an image of different styles

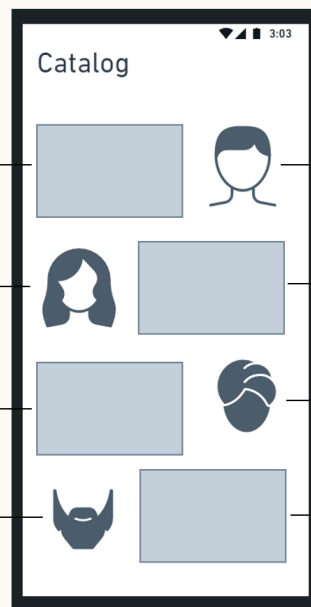


Image View

- This will show an image of different styles

Text View

- This text view show the label

Image View

- This will show an image of different styles

Text View

- This text view show the label

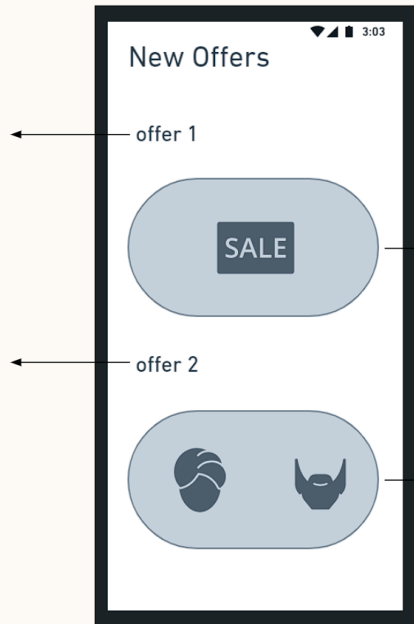
OFFERS

Text View

- This text view show the label

Text View

- This text view show the label



Text View

- This text view show the label

Text View

- This text view show the label

STAFF DETAILS

Image View

- This will show an image of the staff members

Image View

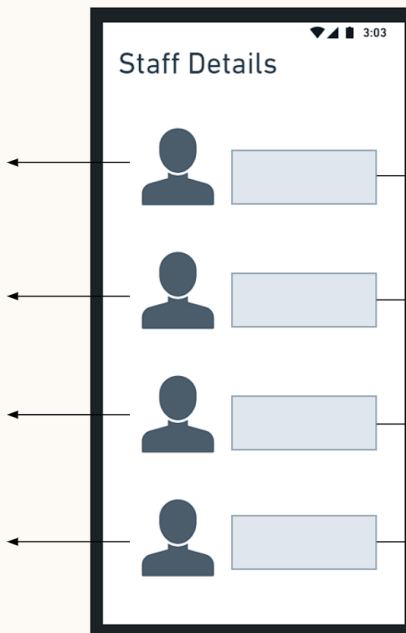
- This will show an image of the staff members

Image View

- This will show an image of the staff members

Image View

- This will show an image of the staff members



Text View

- This text view show the label

Text View

- This text view show the label

Text View

- This text view show the label

Text View

- This text view show the label