



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-G3

SYSTEMS INTEGRATION

AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title:

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Table of Contents

| | | |
|------|--|---|
| 1. | Introduction..... | 3 |
| 1.1. | Purpose..... | 3 |
| 1.2. | Scope..... | 3 |
| 1.3. | Definitions, Acronyms, and Abbreviations..... | 3 |
| 2. | Overall Description..... | 3 |
| 2.1. | System Perspective..... | 3 |
| 2.2. | User Classes and Characteristics..... | 3 |
| 2.3. | Operating Environment..... | 3 |
| 2.4. | Assumptions and Dependencies..... | 3 |
| 3. | System Features and Functional Requirements..... | 3 |
| 3.1. | Feature 1:..... | 3 |
| 3.2. | Feature 2:..... | 3 |
| 4. | Non-Functional Requirements..... | 3 |
| 5. | System Models (Diagrams)..... | 4 |
| 5.1. | ERD..... | 4 |
| 5.2. | Use Case Diagram..... | 4 |
| 5.3. | Activity Diagram..... | 4 |
| 5.4. | Class Diagram..... | 4 |
| 5.5. | Sequence Diagram..... | 4 |
| 6. | Appendices..... | 4 |

1. Introduction

1.1. Purpose

Describe the purpose of the system and the intended audience of this document.

1.2. Scope

Describe what the system will do and its boundaries.

1.3. Definitions, Acronyms, and Abbreviations

List and define important terms used in this document.

2. Overall Description

2.1. System Perspective

Describe how the system fits into a larger context or environment.

2.2. User Classes and Characteristics

Identify the different types of users and their characteristics.

2.3. Operating Environment

Specify the hardware, software, and tools required to operate the system.

2.4. Assumptions and Dependencies

List any assumptions and external dependencies that may affect the system.

3. System Features and Functional Requirements

Describe each major feature of the system and its functional requirements.

3.1. Feature 1:

Description:

Functional Requirements:

-
-
-

3.2. Feature 2:

Description:

Functional Requirements:

-
-
-

4. Non-Functional Requirements

Specify system quality attributes such as performance, security, usability, reliability, etc.

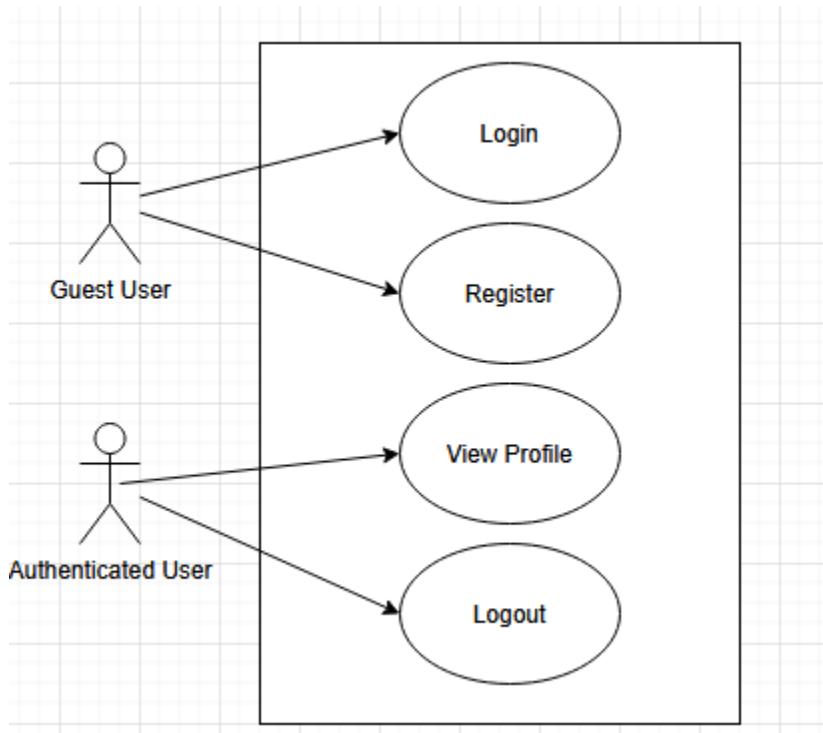
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

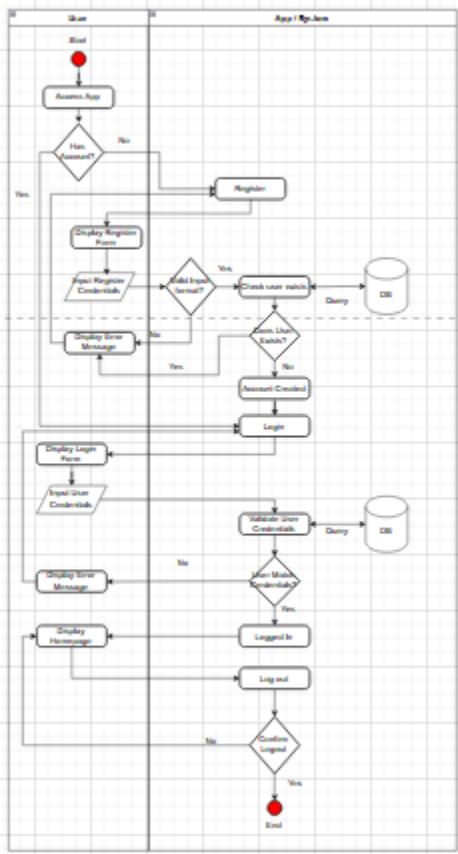
5.1. ERD

| Users | | |
|-------|-------------|----------------|
| PK | int | <u>user_id</u> |
| * | varchar(50) | first_name |
| * | varchar(50) | last_name |
| * | varchar(50) | email |
| * | varchar(50) | password |
| * | int | phone_number |
| * | varchar(20) | role |

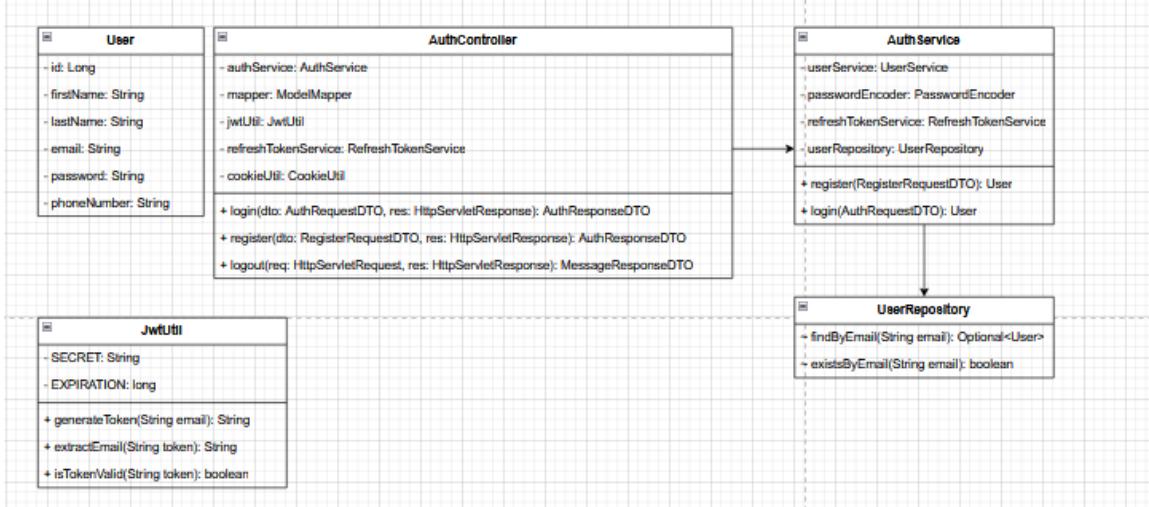
5.2. Use Case Diagram



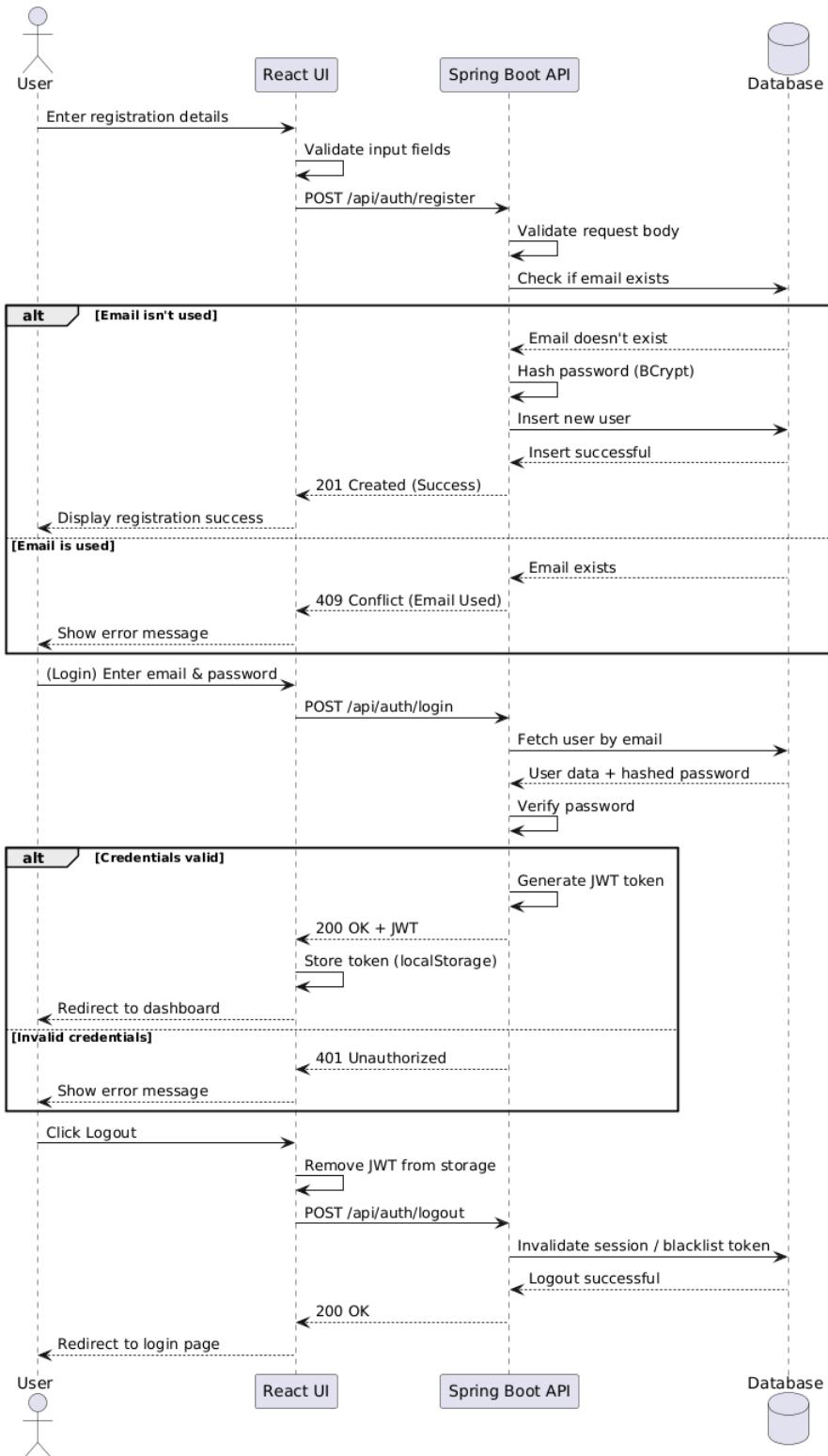
5.3. Activity Diagram



5.4. Class Diagram



5.5. Sequence Diagram

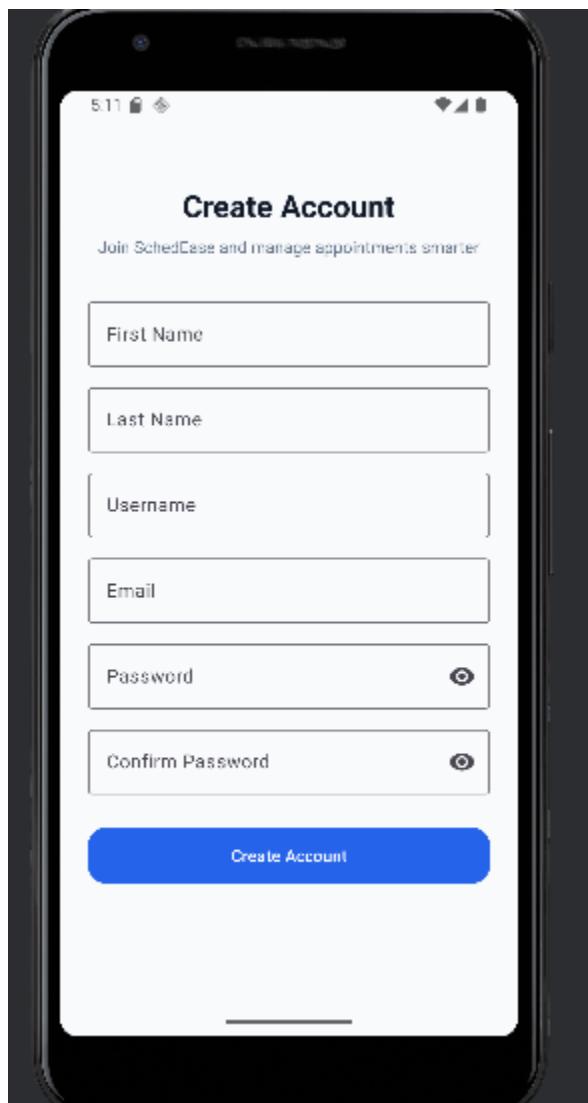


6. Appendices

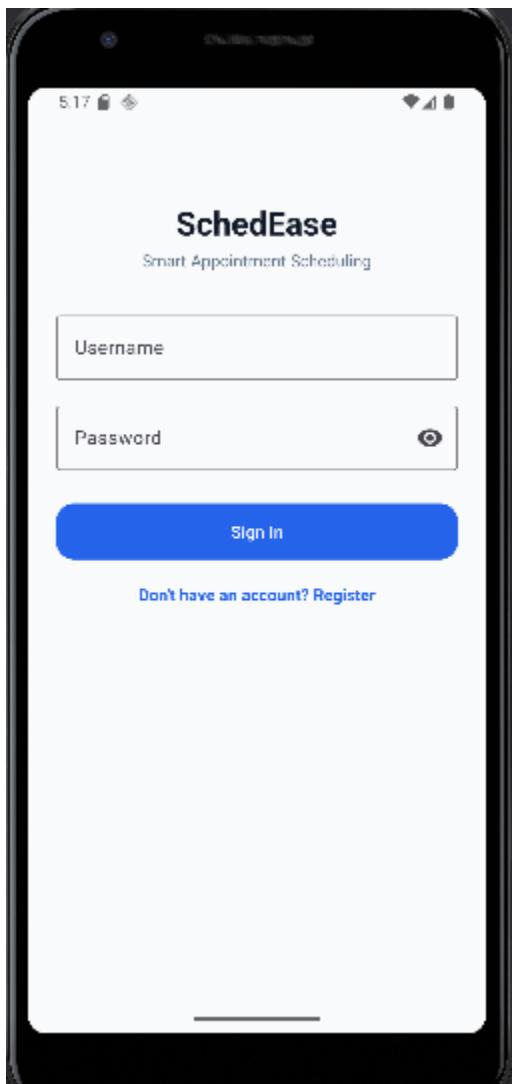
Include any additional information, references, or support materials.

7. Mobile UI

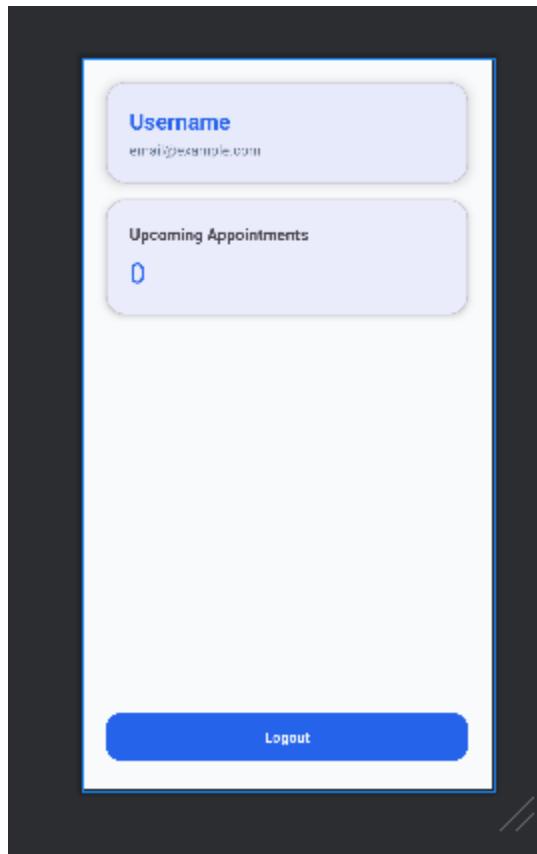
Login



Register

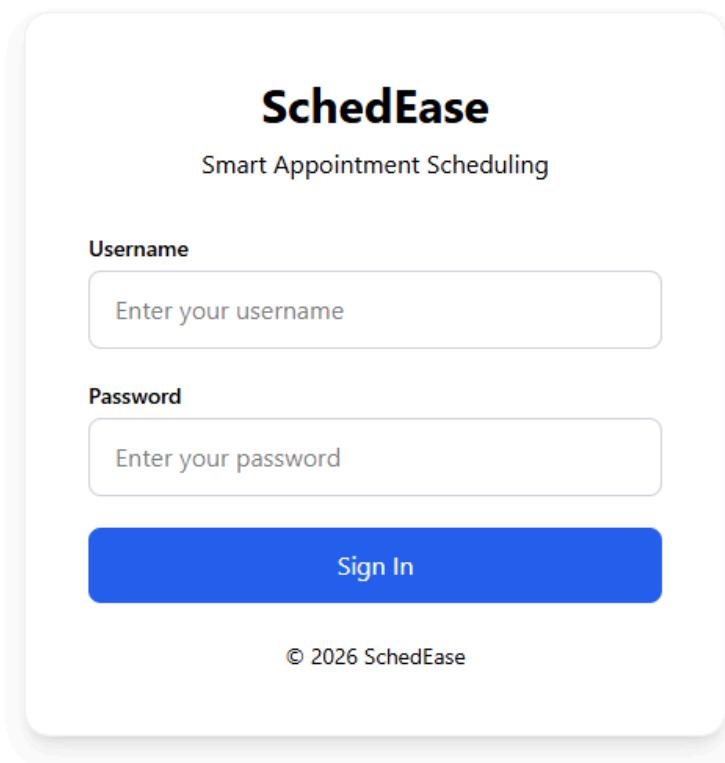


Dashboard



8. Web UI

Login



The image shows a clean, modern login interface for the SchedEase application. At the top center, the brand name "SchedEase" is displayed in a bold, black, sans-serif font. Below it, the tagline "Smart Appointment Scheduling" is written in a smaller, gray font. The form itself has a white background with rounded corners and a thin gray border. It features two input fields: one for "Username" and one for "Password", each with a placeholder text "Enter your username" or "Enter your password". A large blue button at the bottom is labeled "Sign In". At the very bottom of the form, there is a small, gray copyright notice: "© 2026 SchedEase".

SchedEase

Smart Appointment Scheduling

Username

Enter your username

Password

Enter your password

Sign In

© 2026 SchedEase

Register

Register

Username

Email

Password

REGISTER