



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title: User Registration and Authentication

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Date of Submission: January 31, 2026

Version: 3

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.....	4
5. System Models (Diagrams).....	4
5.1. ERD.....	4
5.2. Use Case Diagram.....	4
5.3. Activity Diagram	5
5.4. Class Diagram.....	6
5.5. Sequence Diagram.....	6
6. Appendices	6

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.

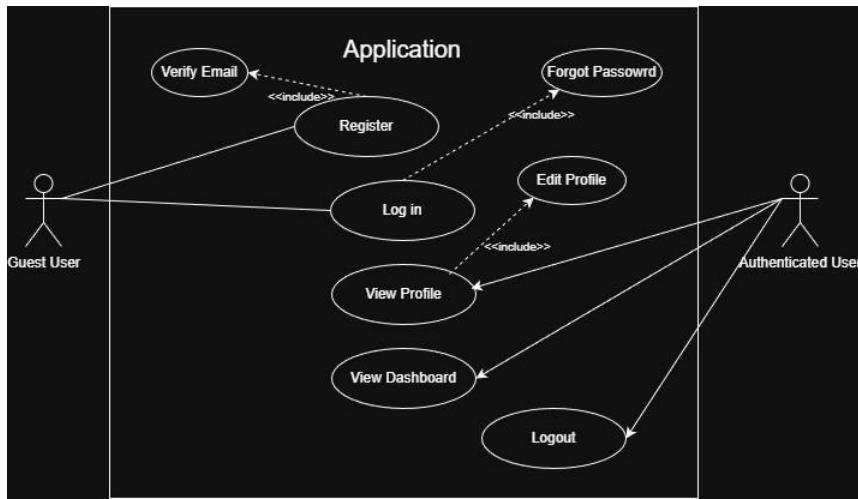
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

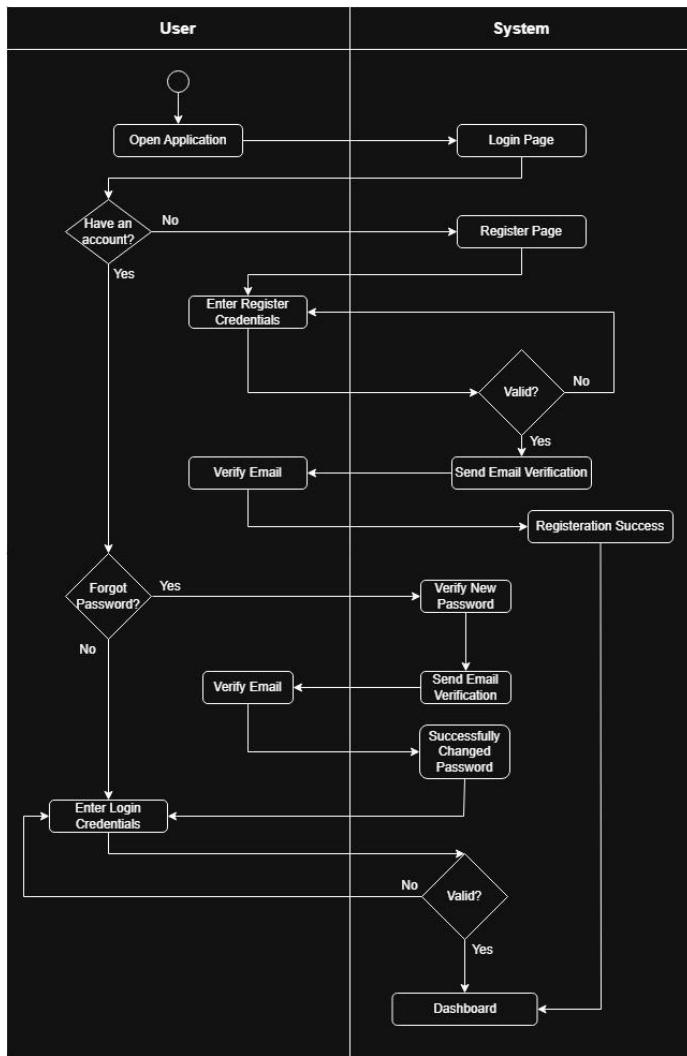
5.1. ERD

User		
PK	user_ID	int
FK	registration_ID	int
	username	string
	email	string
	password	string
	first_name	string
	last_name	string
	phone_number	string
	created_at	timestamp

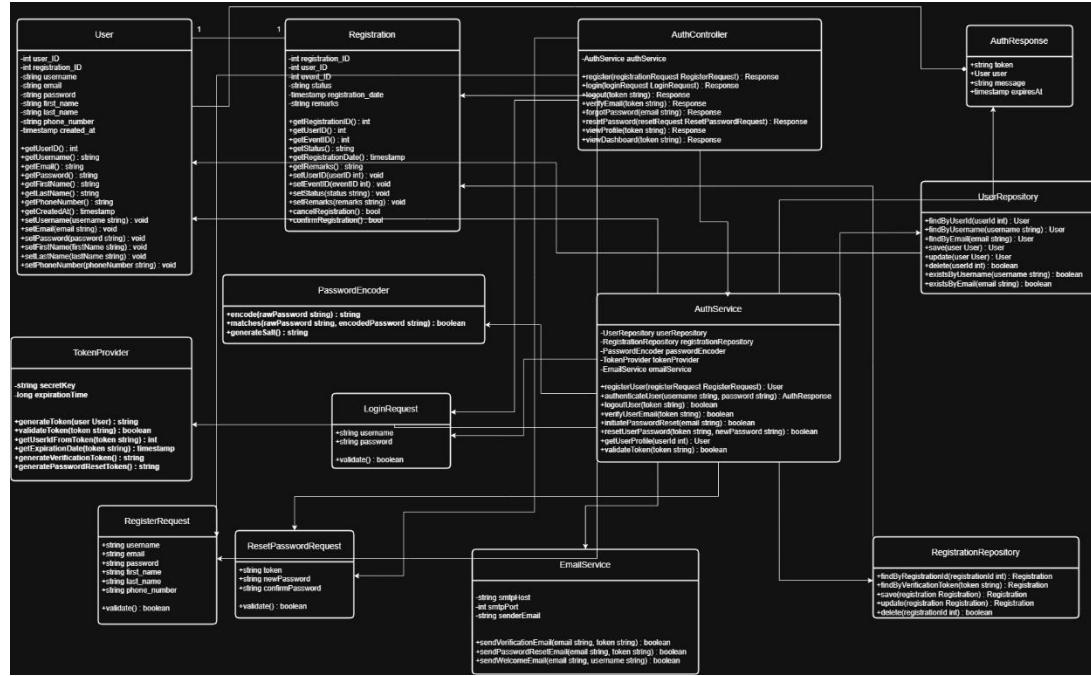
5.2. Use Case Diagram



5.3. Activity Diagram



5.4. Class Diagram



5.5. Sequence Diagram

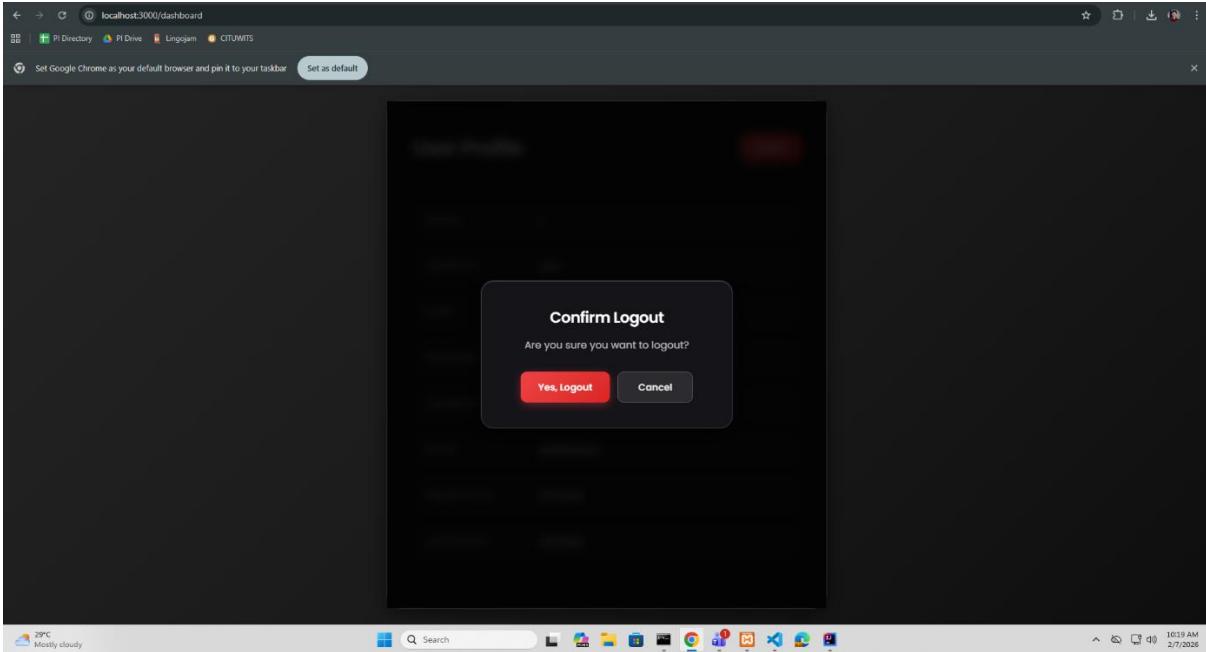
Insert ERD here

6. Appendices

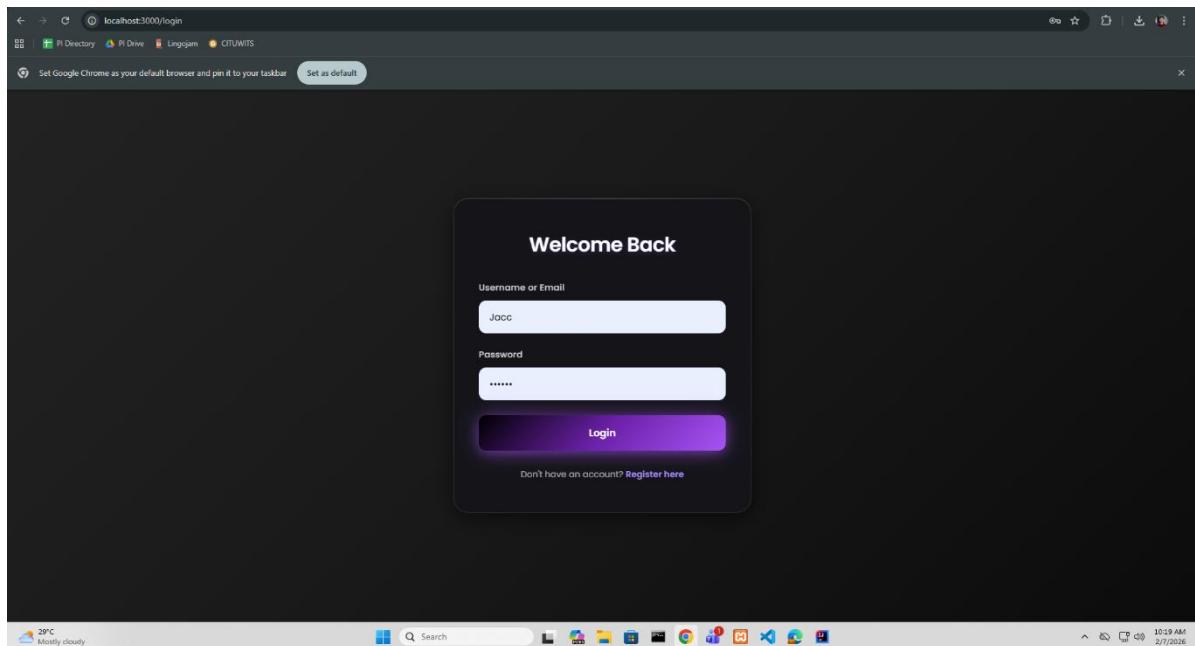
Include any additional information, references, or support materials.

7. User Interface (Web)

Logout



Login Page



Register Page

The screenshot shows a registration form titled "Create Account" on a dark-themed web page. The form fields include:

- Username *: Jacc
- Email *: (redacted)
- Password *: (redacted)
- First Name: (redacted)
- Last Name: (redacted)
- Phone Number: (redacted)

A purple "Register" button is at the bottom right of the form.

Dashboard/Profile

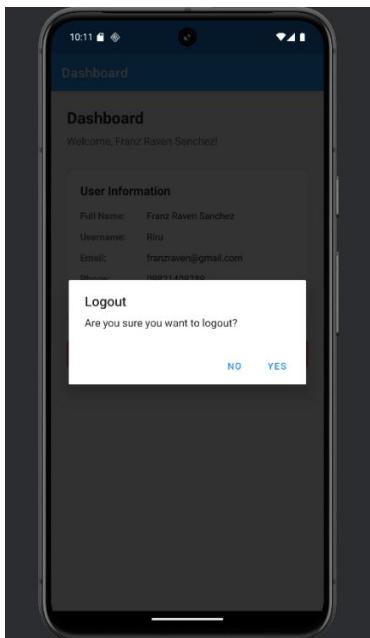
The screenshot shows a user profile page titled "User Profile". The profile information is as follows:

User ID:	I
Username:	Jacc
Email:	johnaaron.canadilla005@gmail.com
First Name:	John Aaron
Last Name:	Canadilla
Phone:	09936144347
Member Since:	2/7/2026
Last Updated:	2/7/2026

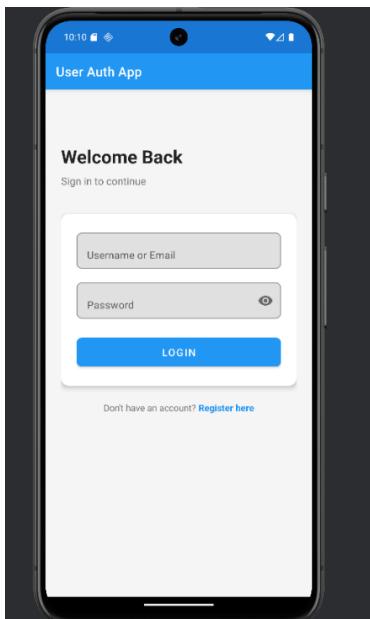
A red "Logout" button is located at the top right of the profile section.

8. User Interface (Web)

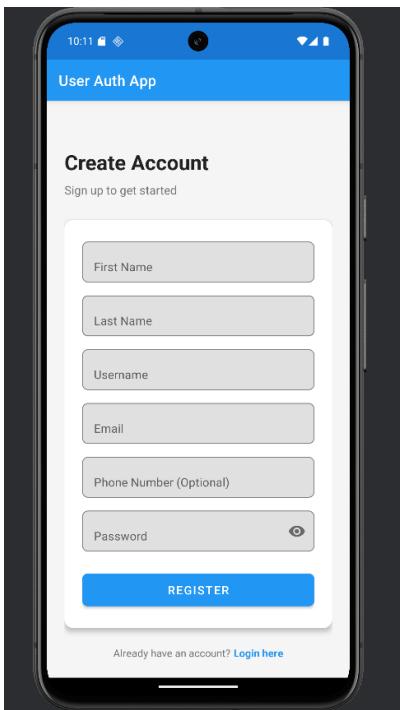
Logout



Login Page



Register Page



Dashboard/Profile

