IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title: User Registration and Authentication

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Version: 3

Table of Contents

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:

- -

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3.2. Feature 2:
Description:
Functional Requirements:

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4. Non-Functional Requirements

Specify system quality attributes such as performance, security, usability, reliability, etc.
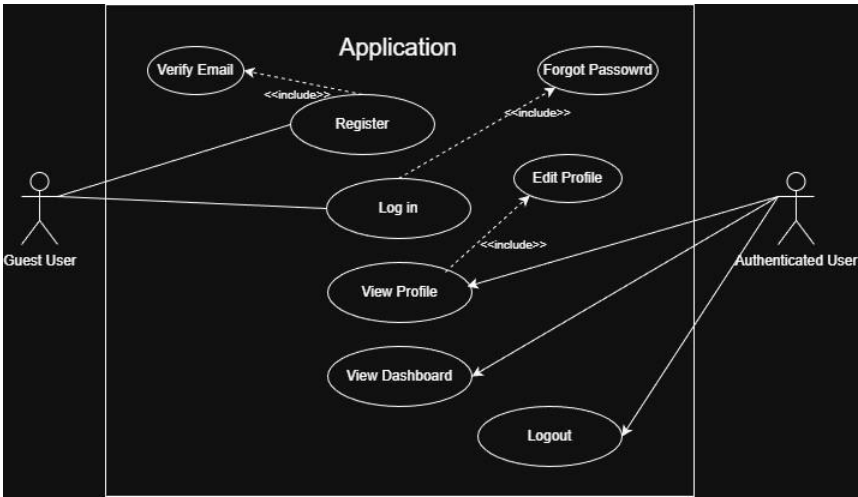
5. System Models (Diagrams)
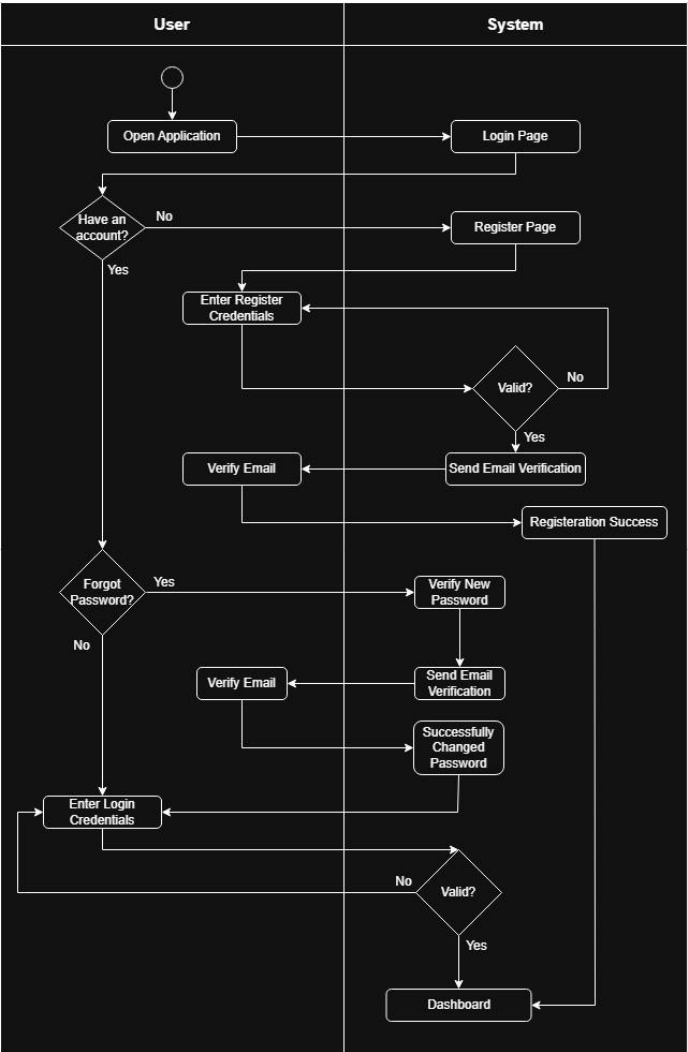
Insert the necessary diagrams for the system:

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

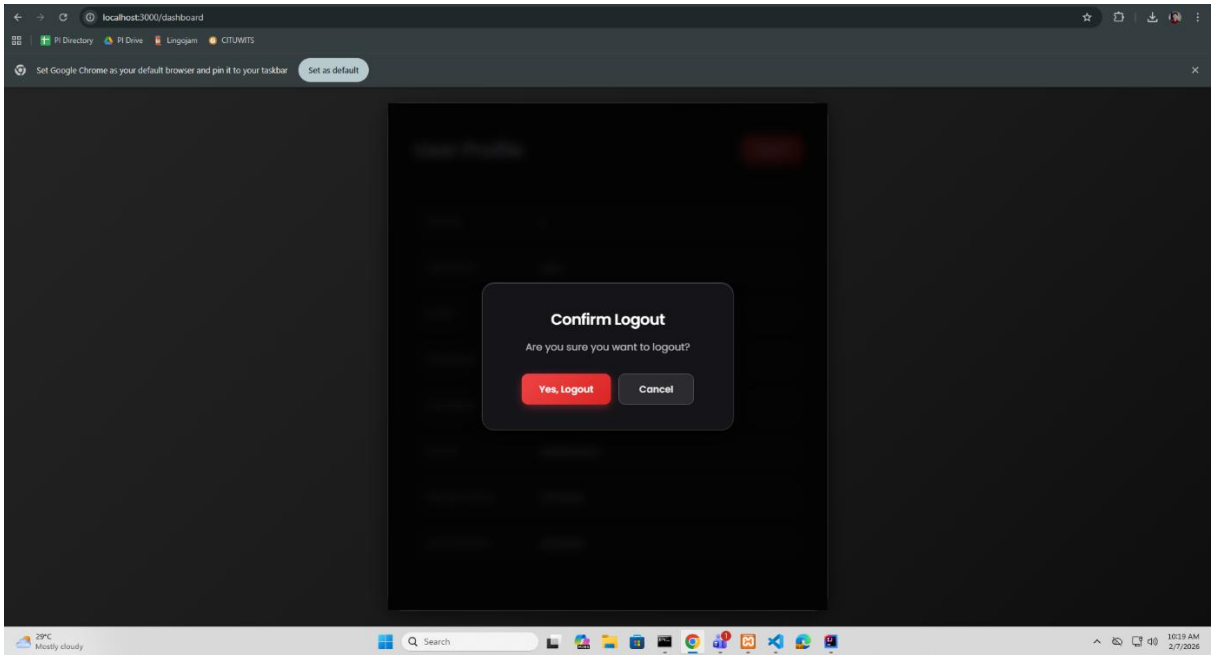## 5.4. Class Diagram
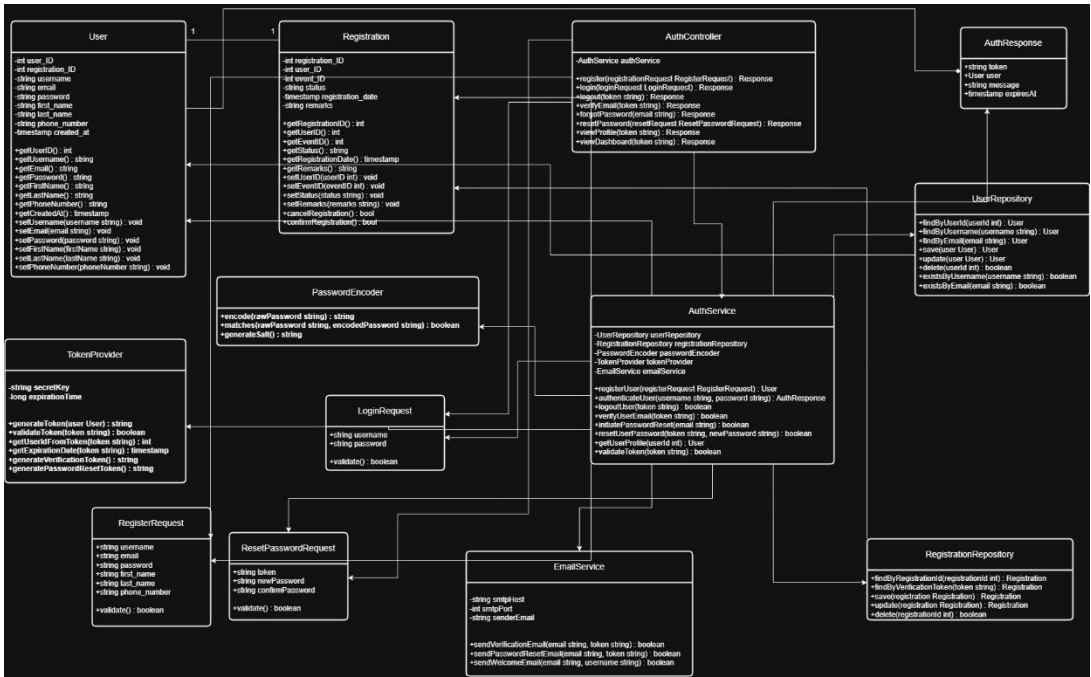
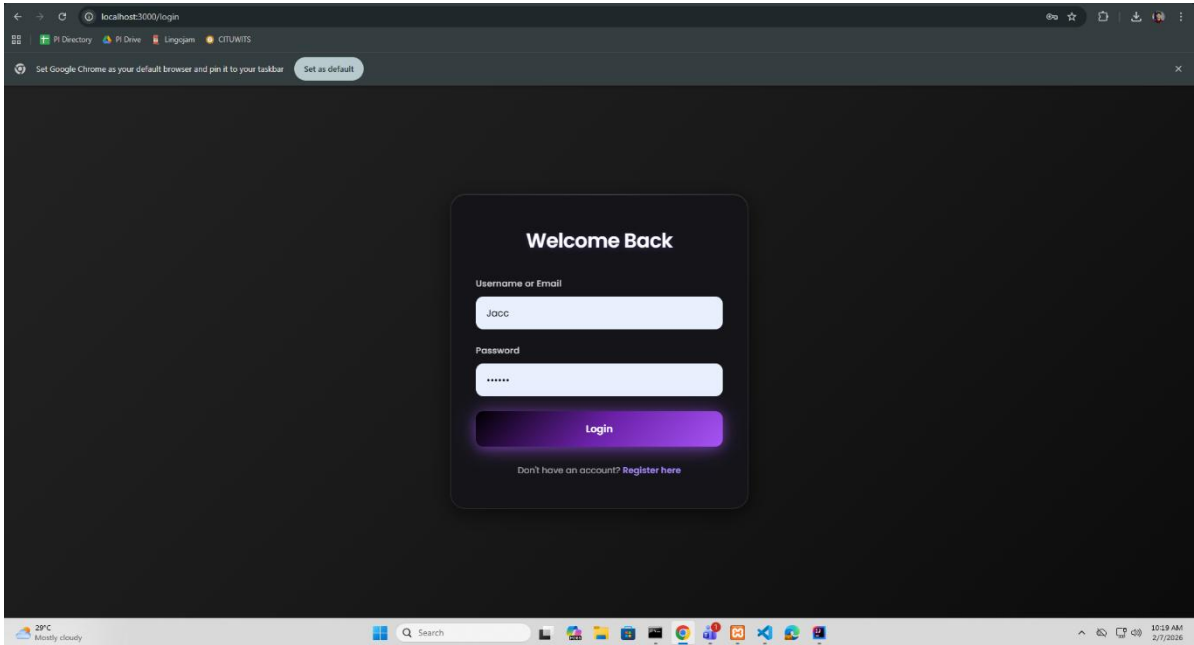## 5.5. Sequence Diagram

Insert ERD here

6. Appendices

Include any additional information, references, or support materials.
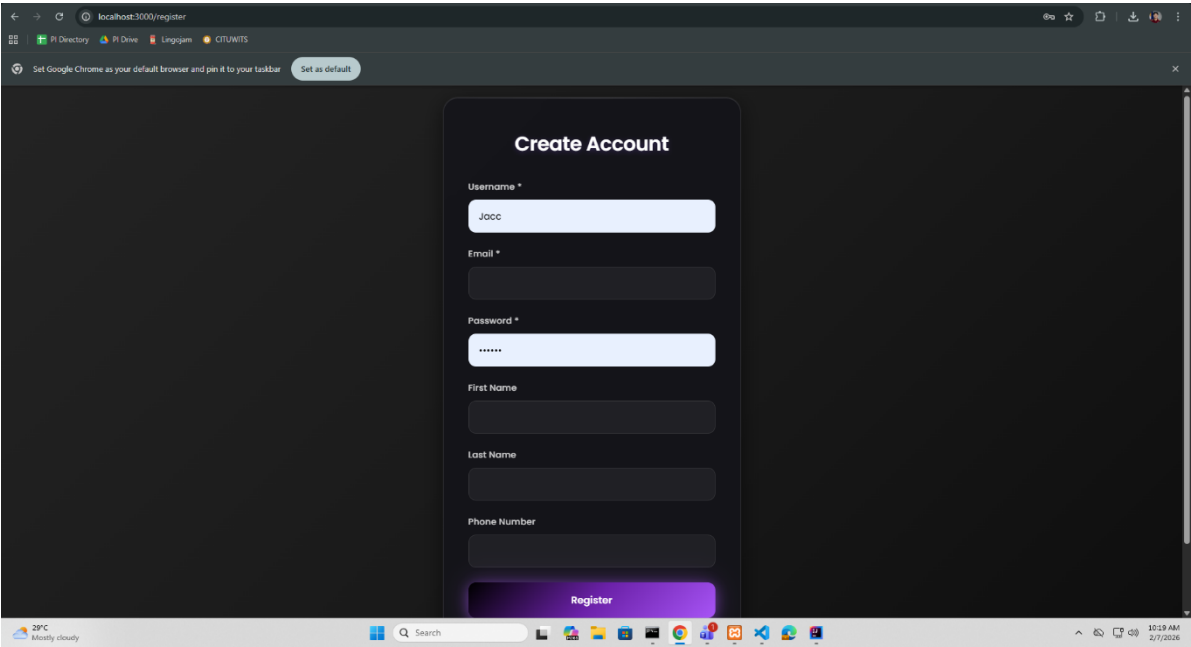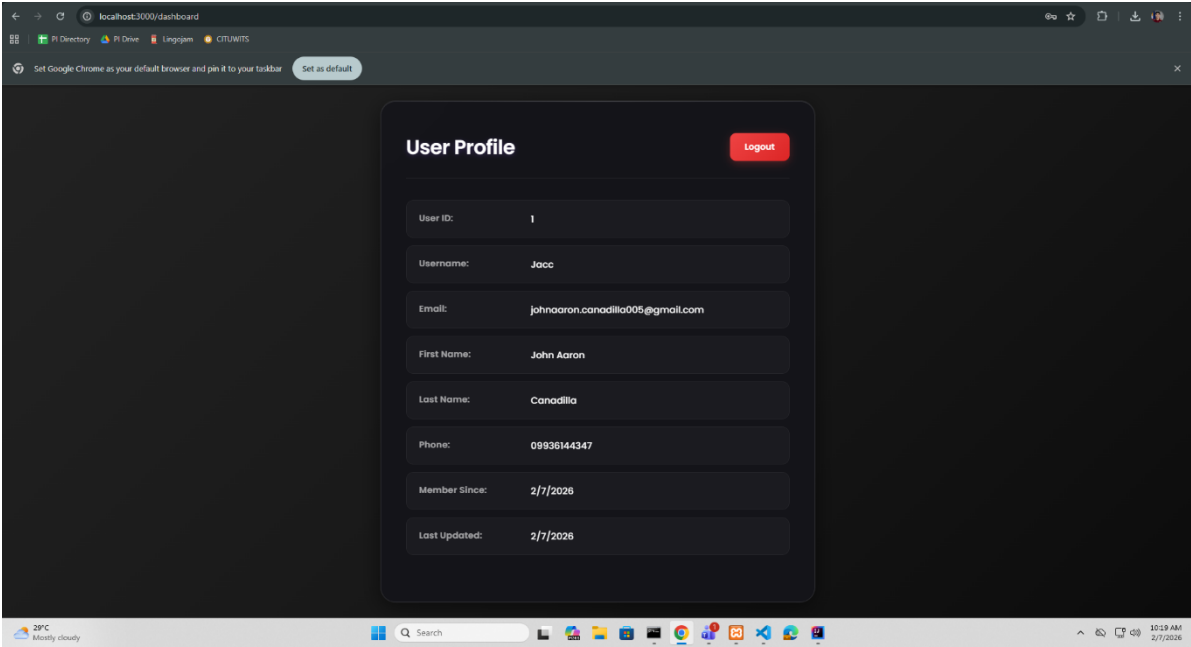
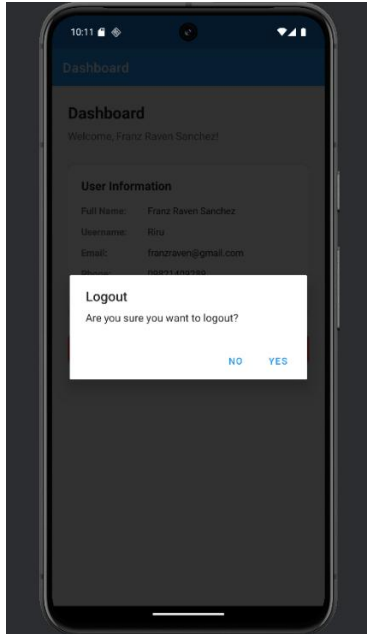## 7. User Interface (Web)

Logout

Login Page
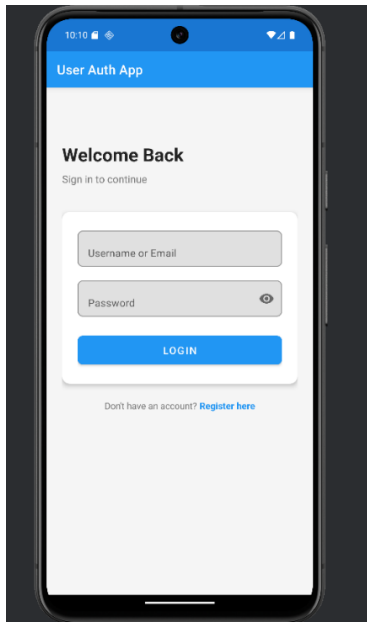
Register Page

Dashboard/Profile

8. User Interface (Web)

Logout

Login Page

Register Page

Dashboard/Profile