



**CEBU INSTITUTE OF TECHNOLOGY**  
**UNIVERSITY**

# **IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1**

---

## **FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)**

---

Project Title:

Prepared By: Jay-Z R. Olimba

Date of Submission: 06/02/26

Version:

# 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:

- 
- 
- 

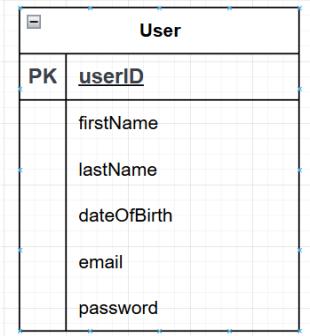
## **4. Non-Functional Requirements**

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

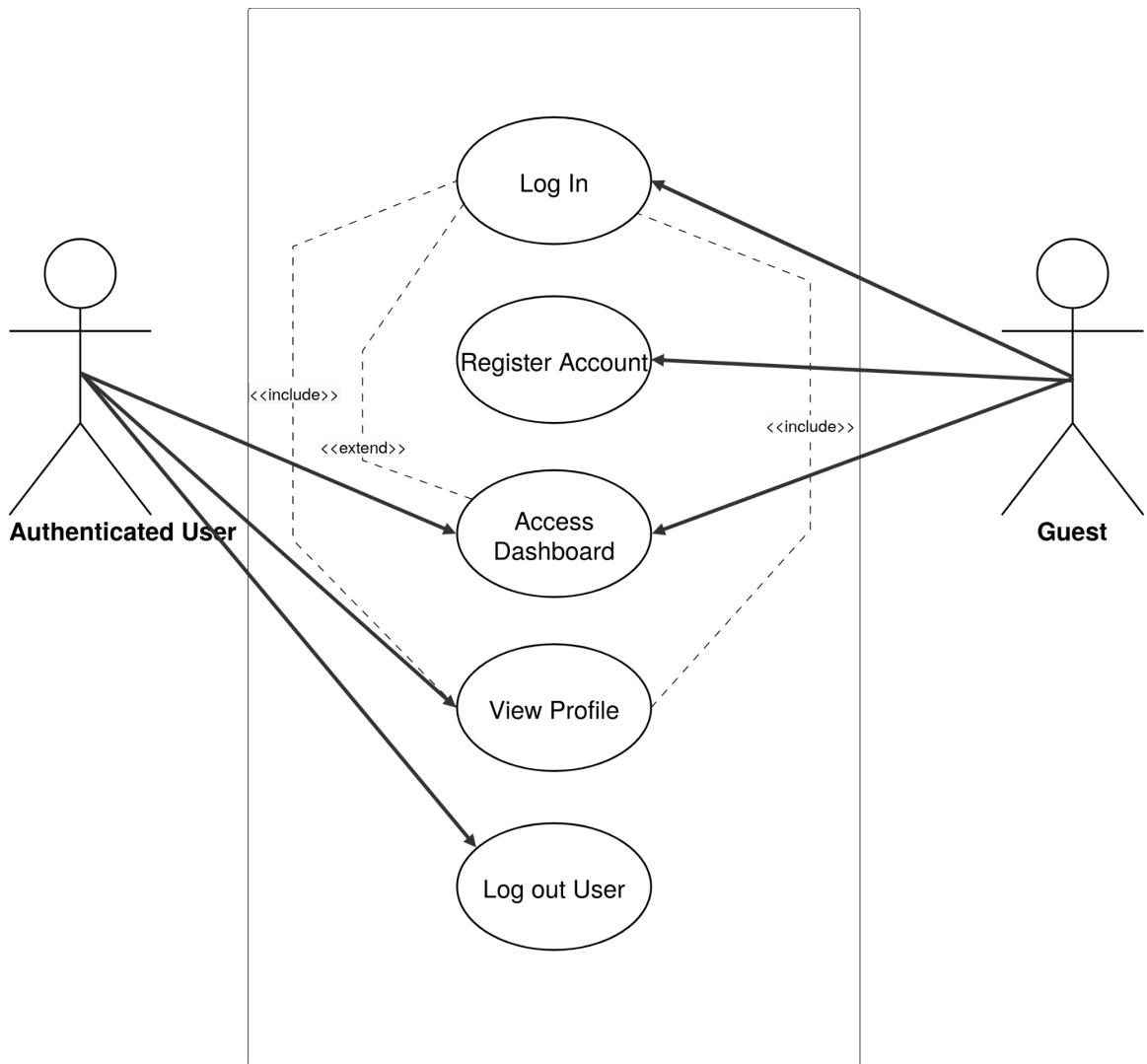
## 5. System Models (Diagrams)

Insert the necessary diagrams for the system:

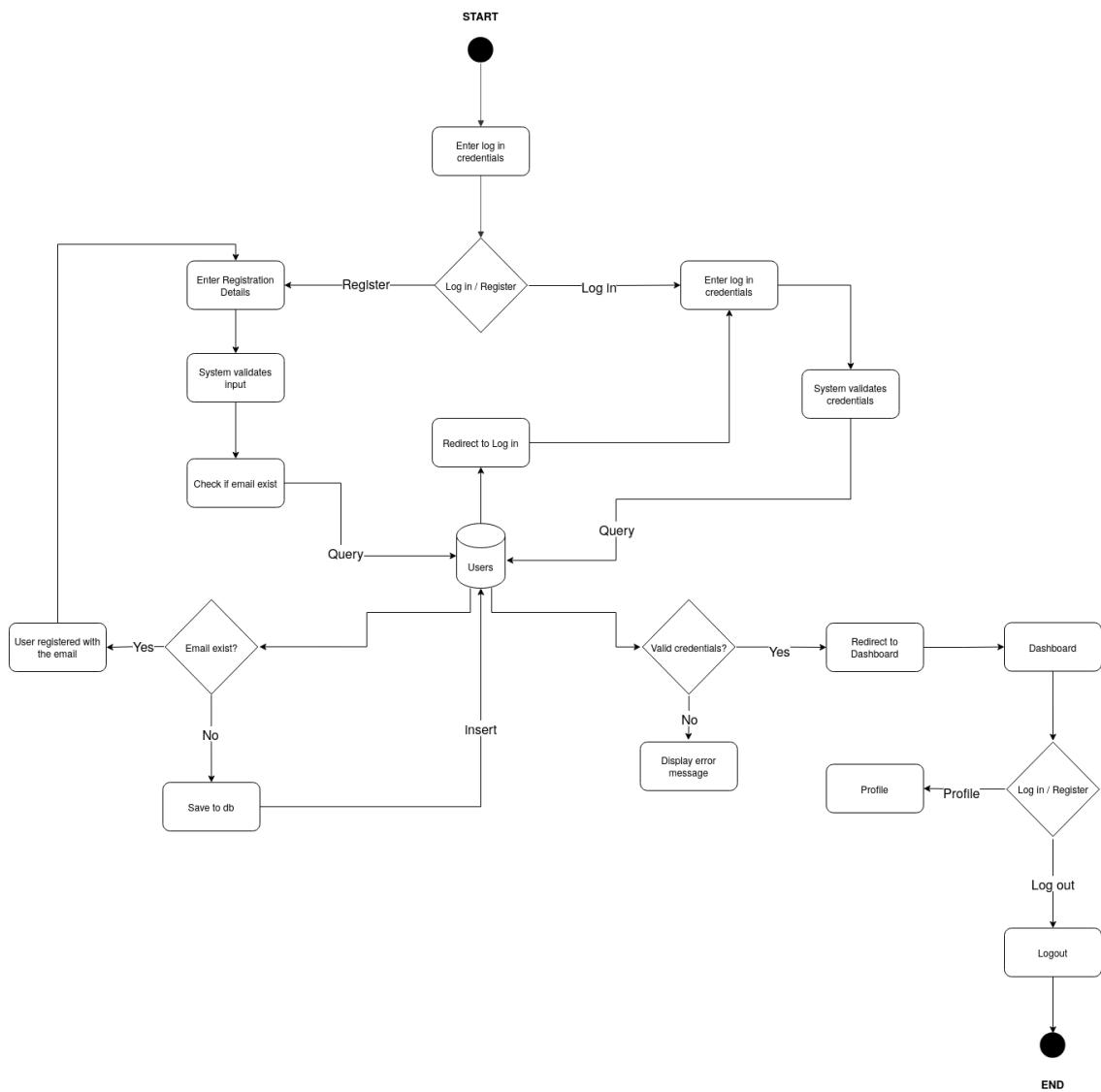
### 5.1. ERD



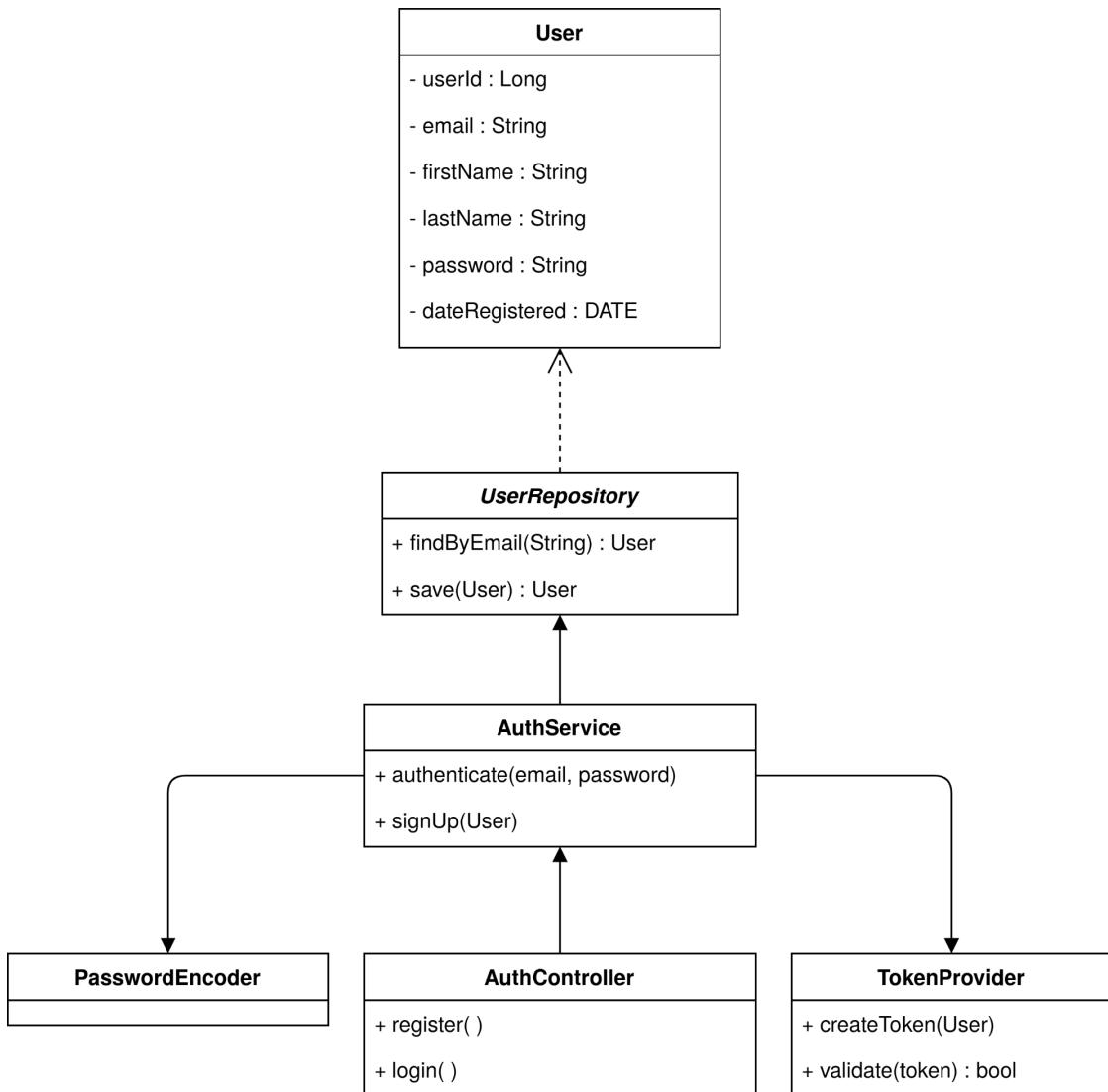
### 5.2. Use Case Diagram



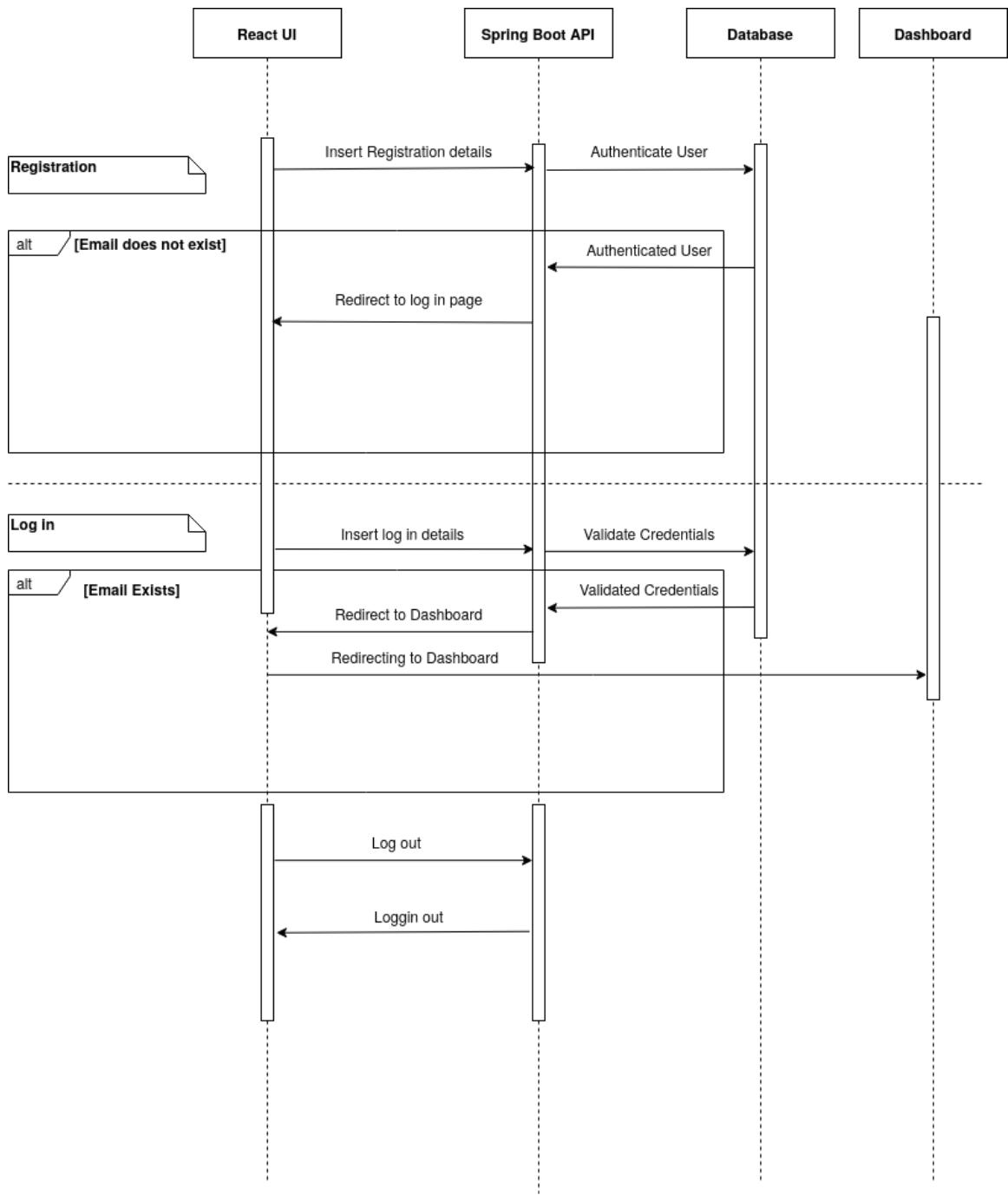
### 5.3. Activity Diagram



#### 5.4. Class Diagram



## 5.5. Sequence Diagram

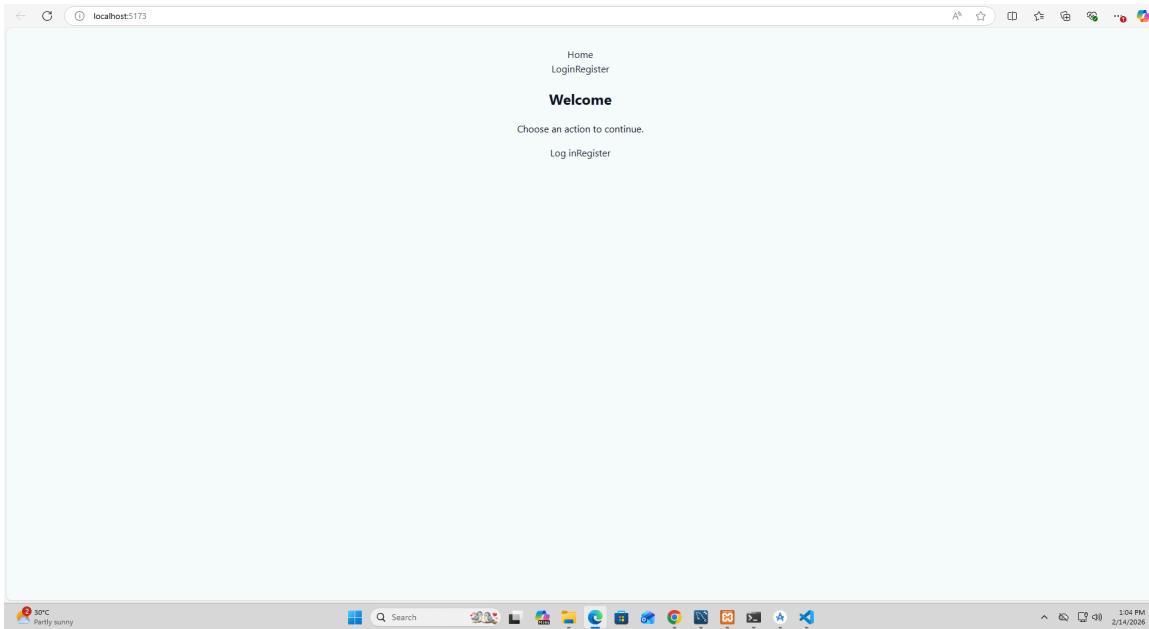


## 6. Appendices

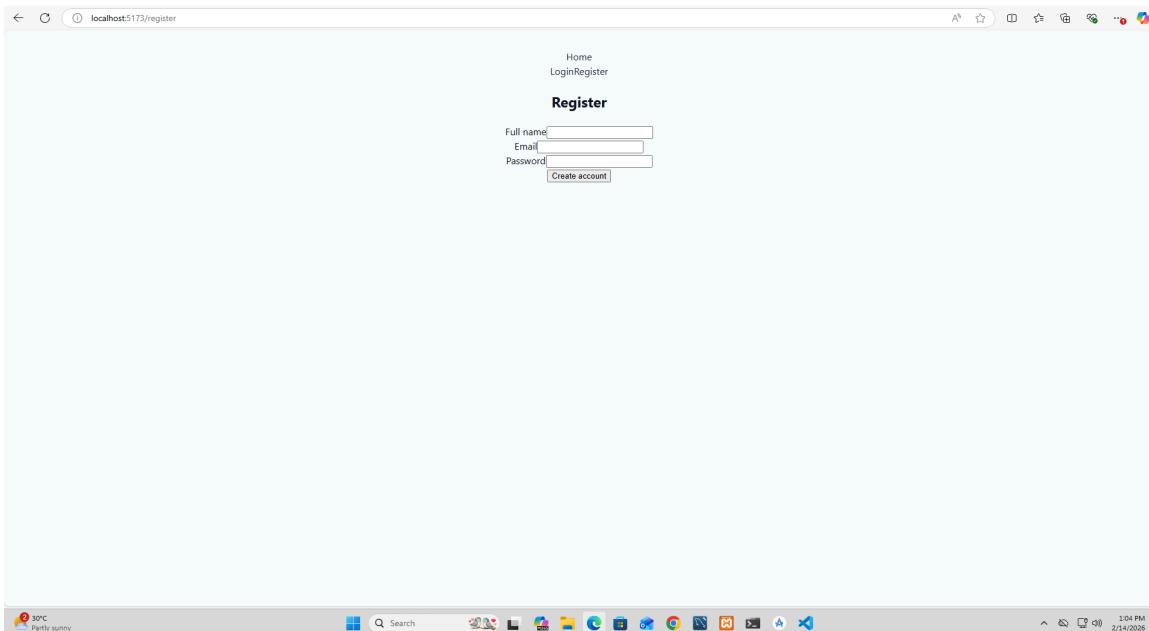
Include any additional information, references, or support materials.

## 7. Screenshots

### HomePage



### Register



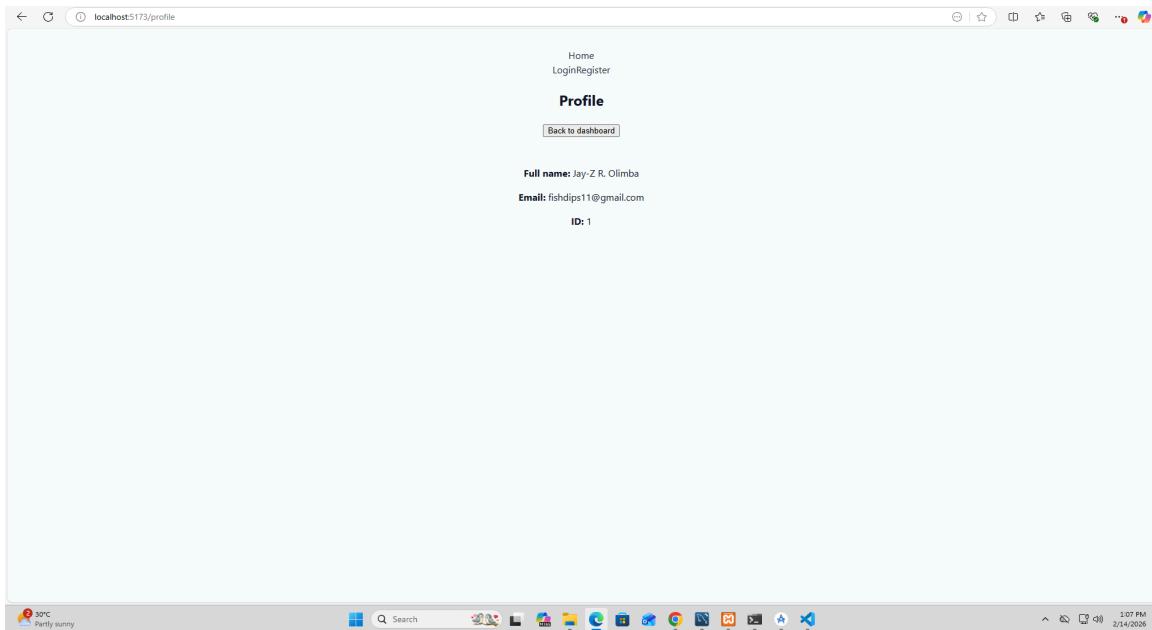
## Login

A screenshot of a web browser window displaying a login form. The URL in the address bar is `localhost:5173/login`. The page has a header with "Home" and "Login/Register" links. Below this is a "Login" section with "Email" and "Password" input fields. A "Sign in" button is present, accompanied by the message "Please fill out this field." The browser's taskbar at the bottom shows various pinned icons and the date/time as 1:05 PM 2/14/2026.

## Dashboard

A screenshot of a web browser window displaying a dashboard page. The URL in the address bar is `localhost:5173`. The page has a header with "Home" and "Login/Register" links. Below this is a "Dashboard" section with a "Log out" button. A placeholder message reads "This is a placeholder dashboard. Add widgets or data here." A "Go to profile" button is also present. The browser's taskbar at the bottom shows various pinned icons and the date/time as 1:06 PM 2/14/2026.

## Profile/logout



## Login (Mobile)

