



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title:

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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.

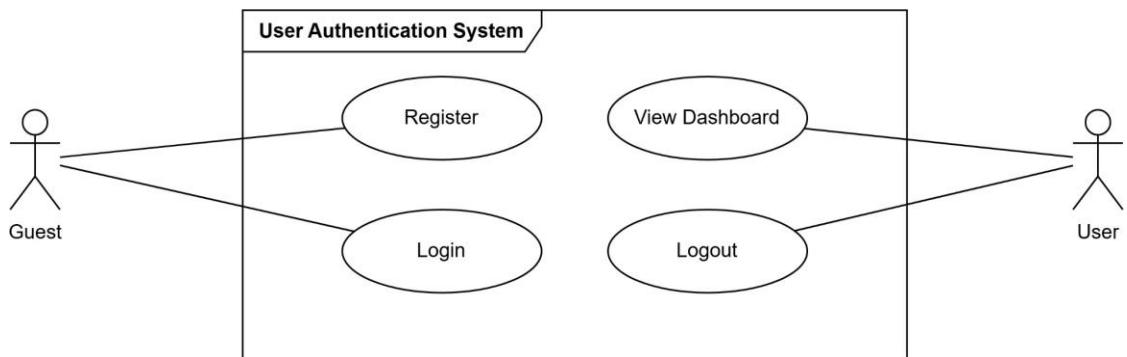
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

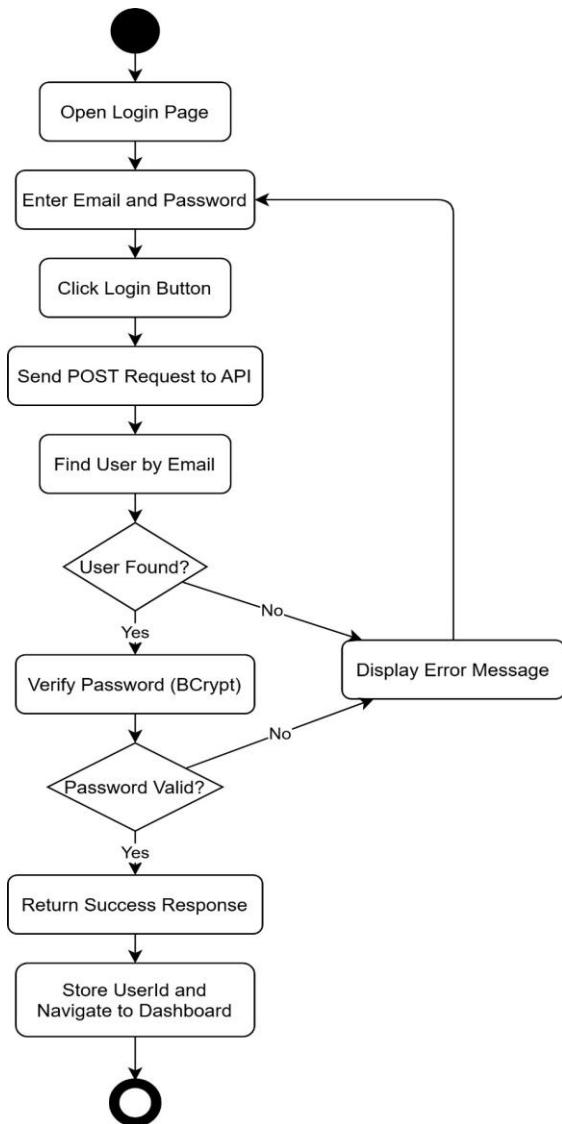
5.1. ERD

Table	
PK	<u>id</u>
	email
	username
	password
	role

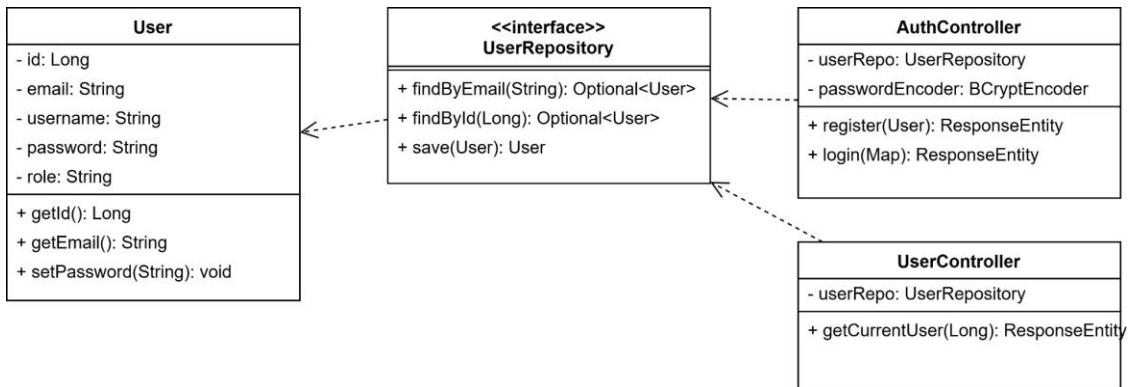
5.2. Use Case Diagram



5.3. Activity Diagram

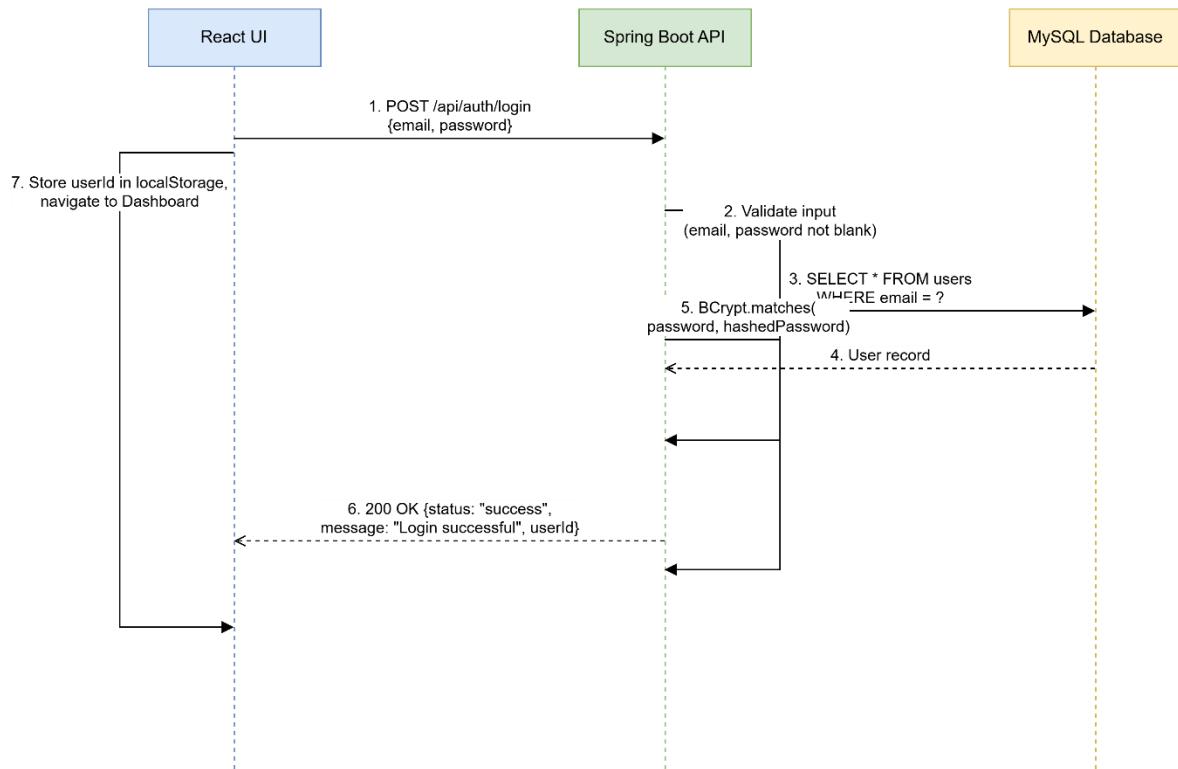


5.4. Class Diagram

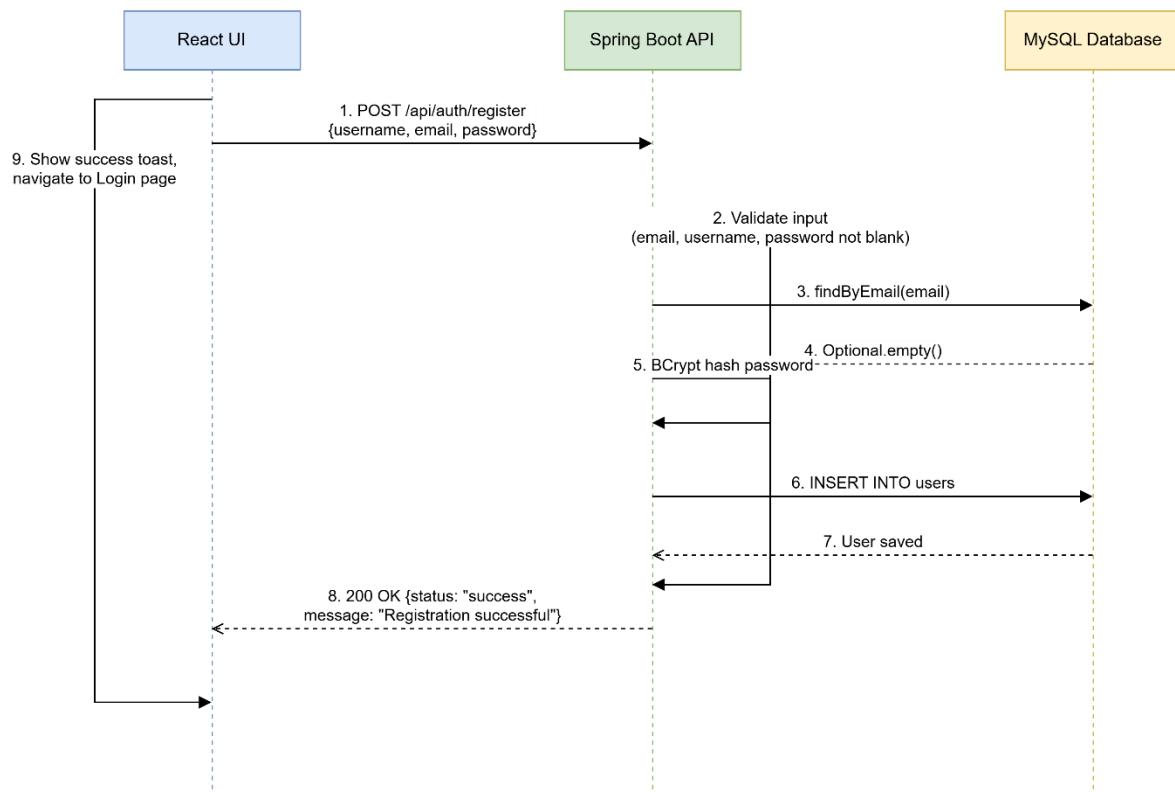


5.5. Sequence Diagram

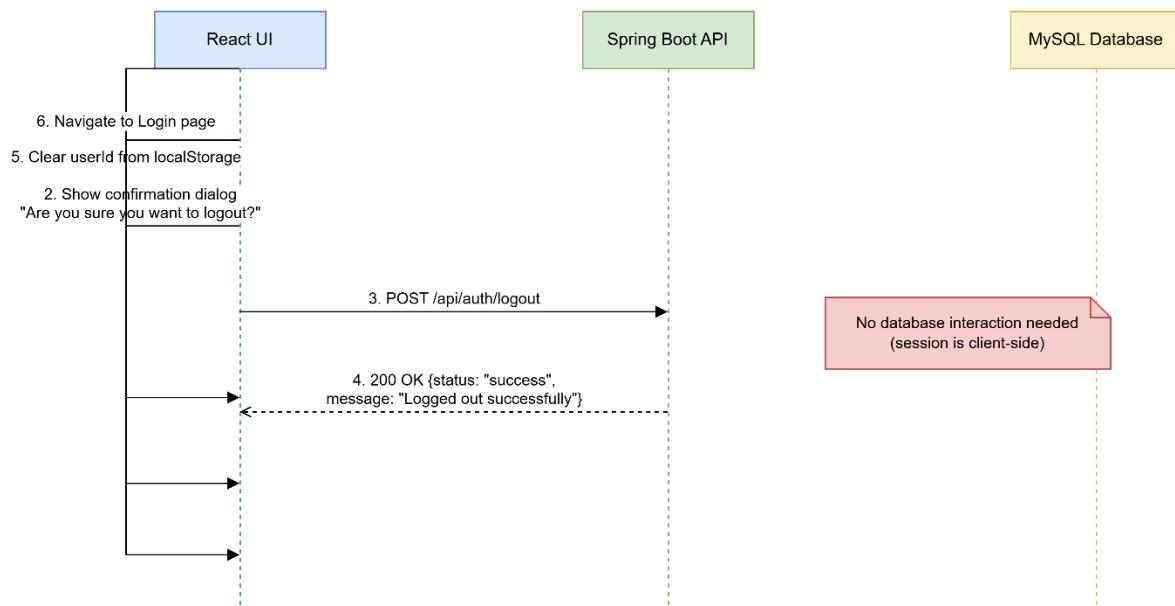
Sequence Diagram — User Login



Sequence Diagram — User Registration



Sequence Diagram — User Logout



6. Appendices

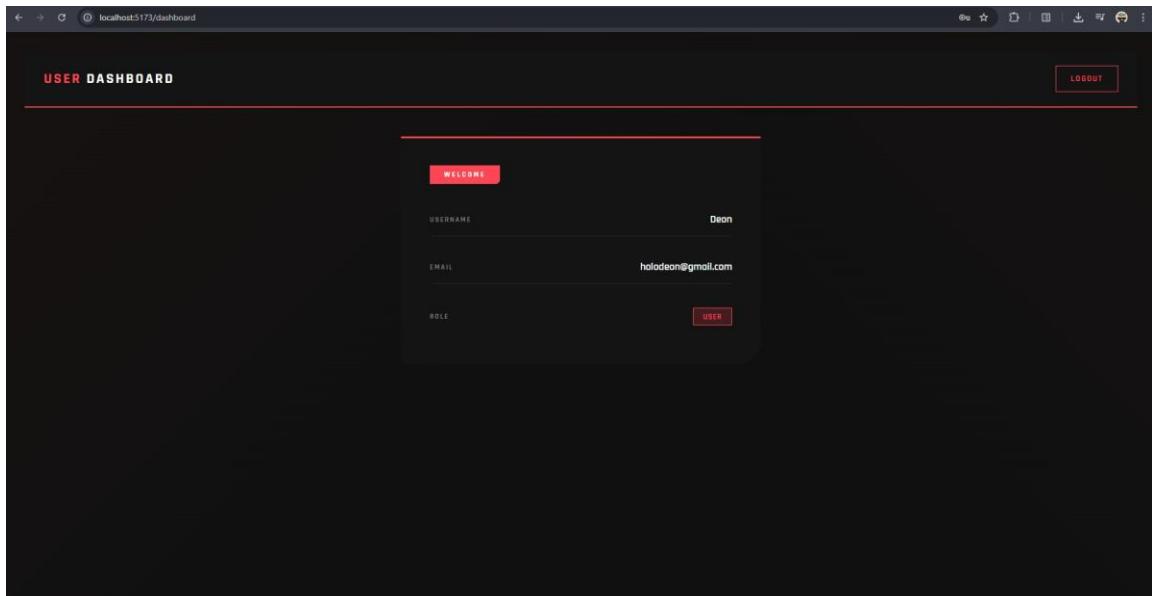
Register:

The screenshot shows a registration form titled "USER AUTH" with the subtitle "CREATE YOUR ACCOUNT". The form includes fields for "USERNAME" (placeholder: "Choose a username"), "EMAIL" (placeholder: "Enter your email"), and "PASSWORD" (placeholder: "Create a secure password"). A large red "REGISTER" button is centered below the fields. At the bottom, a link says "Already have an account? [Login](#)". The background is dark, and the text and buttons are in a light color.

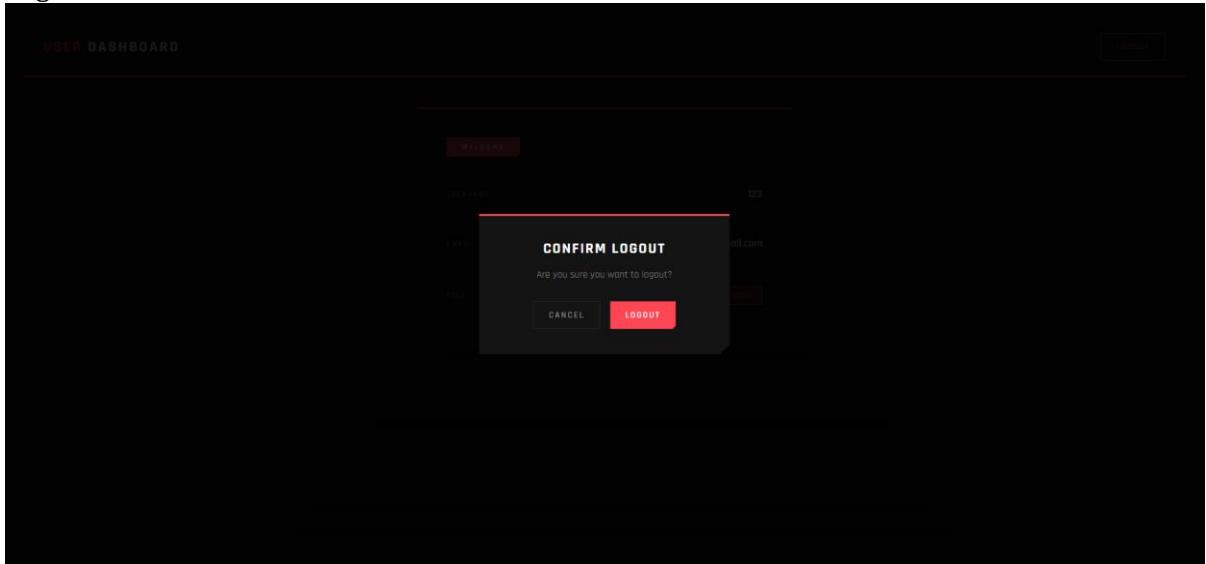
Login:

The screenshot shows a login form titled "USER AUTH" with the subtitle "LOGIN TO YOUR ACCOUNT". It features fields for "EMAIL" (placeholder: "Enter your email") and "PASSWORD" (placeholder: "Enter your password"). A large red "LOGIN" button is positioned at the bottom. Below the button, a link says "Don't have an account? [Register](#)". The design is consistent with the registration page, featuring a dark background and light-colored text and buttons.

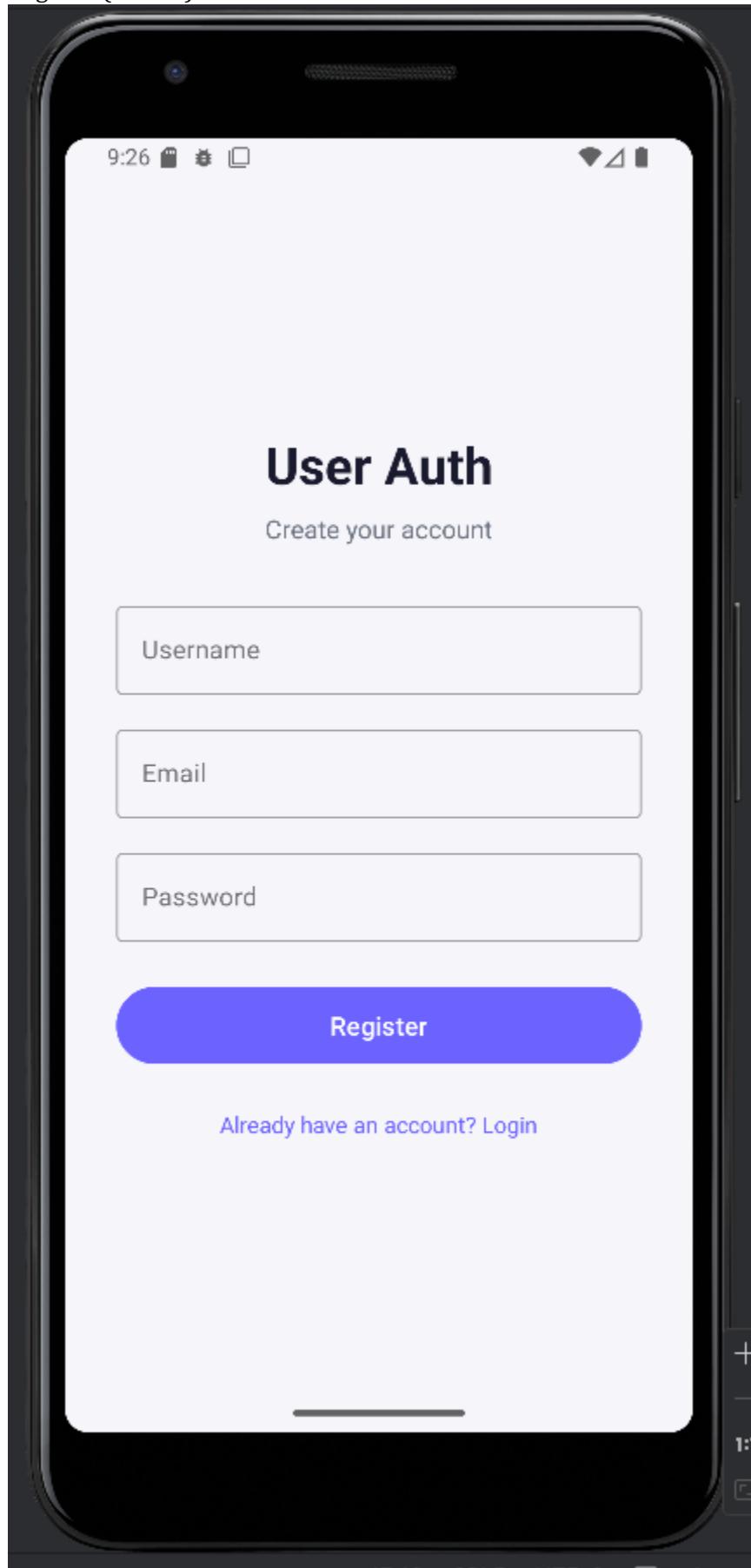
Dashboard/Profile:



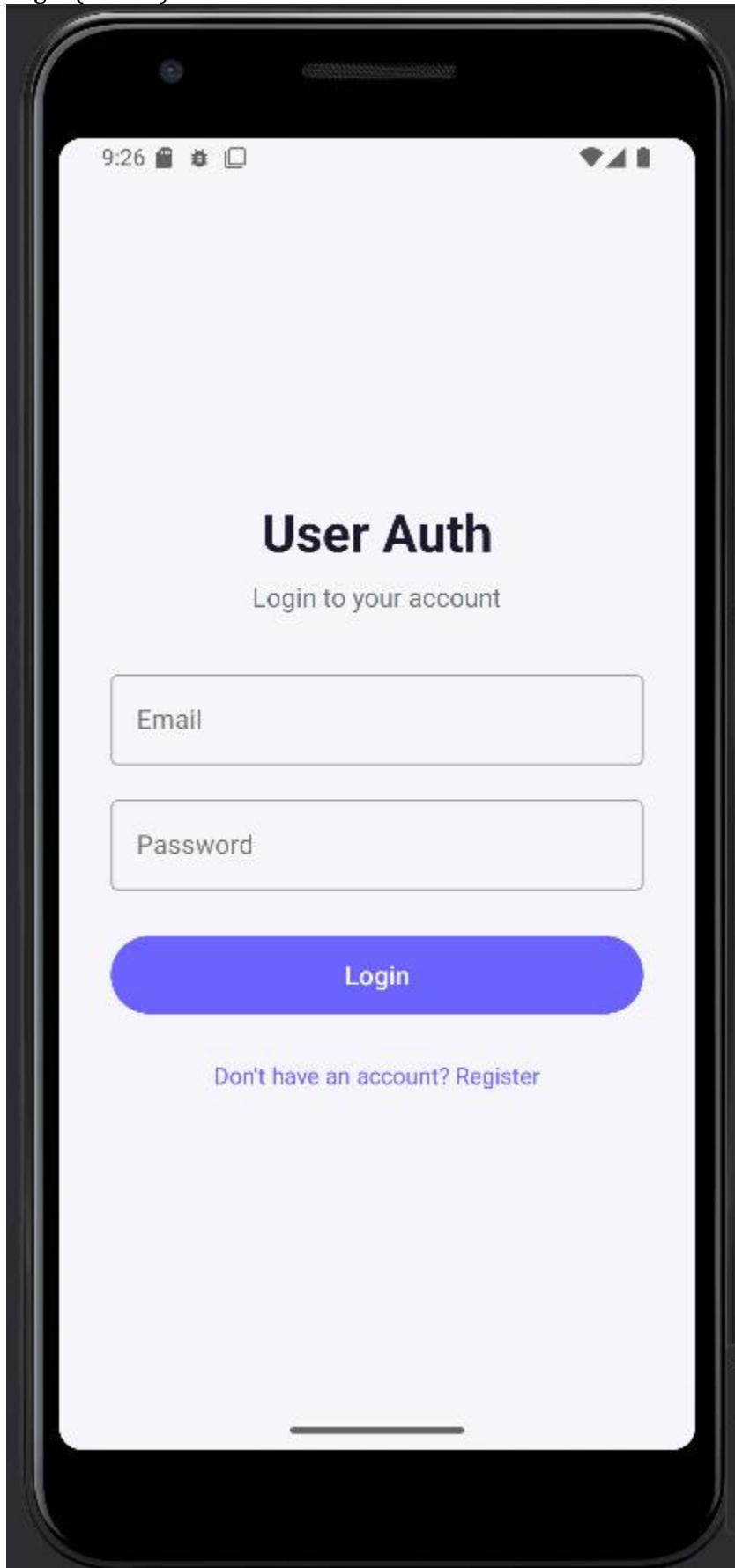
Logout:



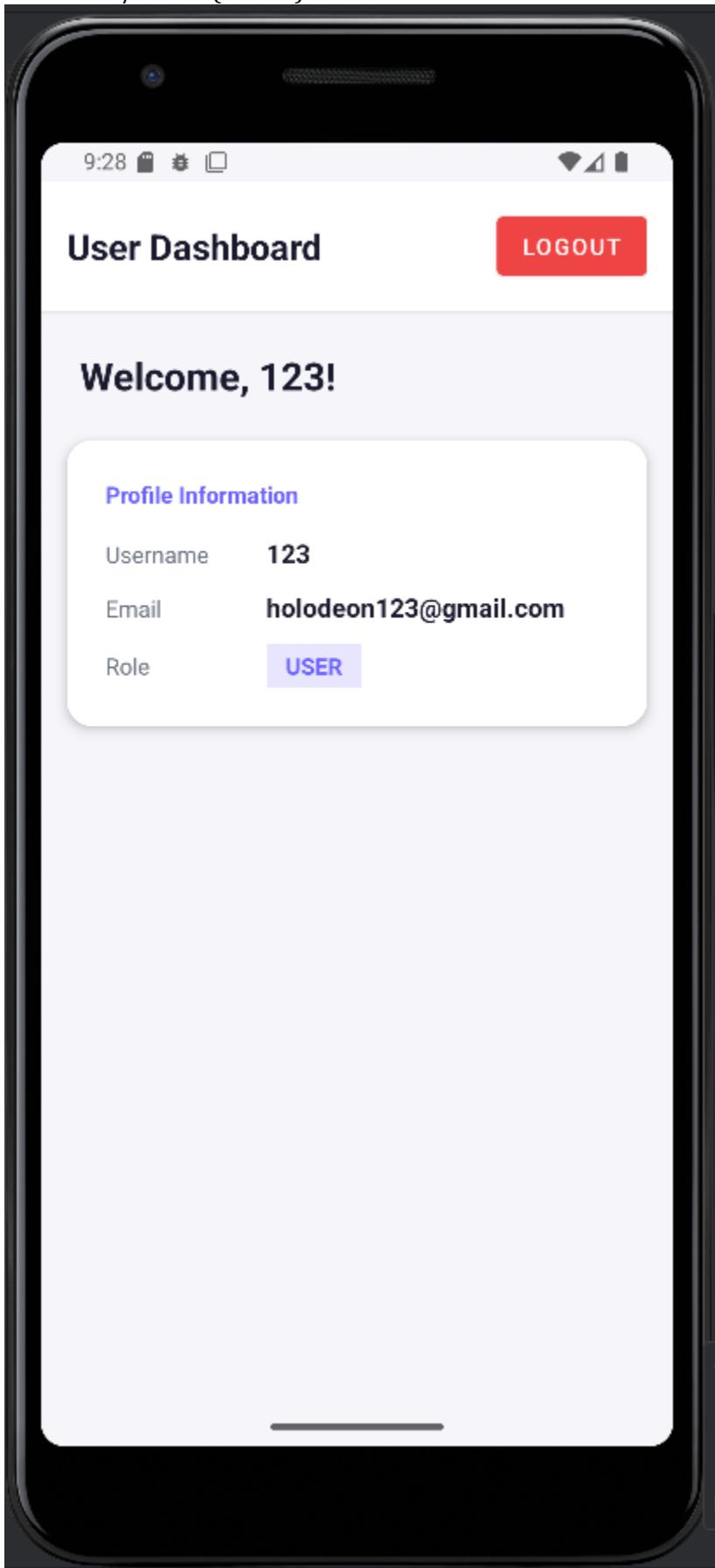
Register (Mobile):



Login (Mobile):



Dashboard/Profile (Mobile):



Logout (Mobile):

