



CEBU INSTITUTE OF TECHNOLOGY
U N I V E R S I T Y

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.

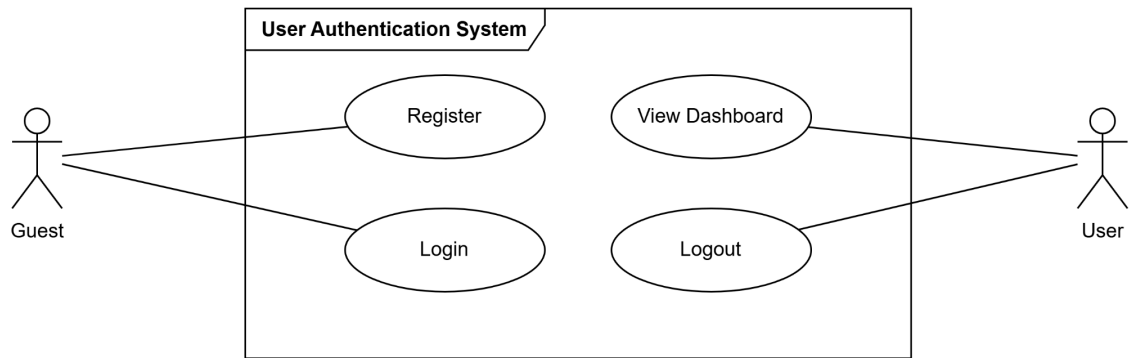
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

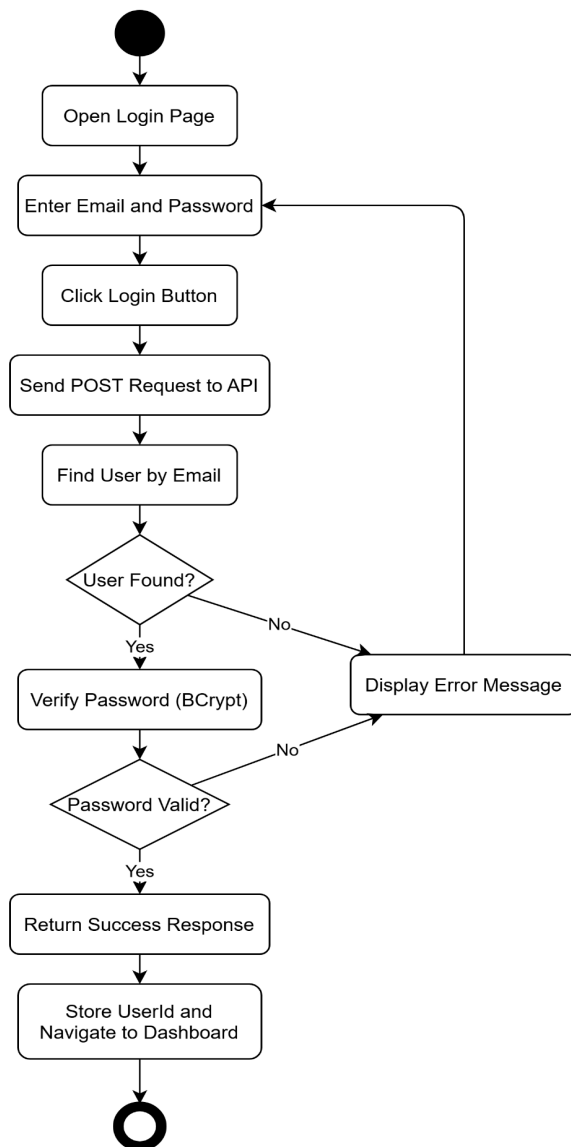
5.1. ERD

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

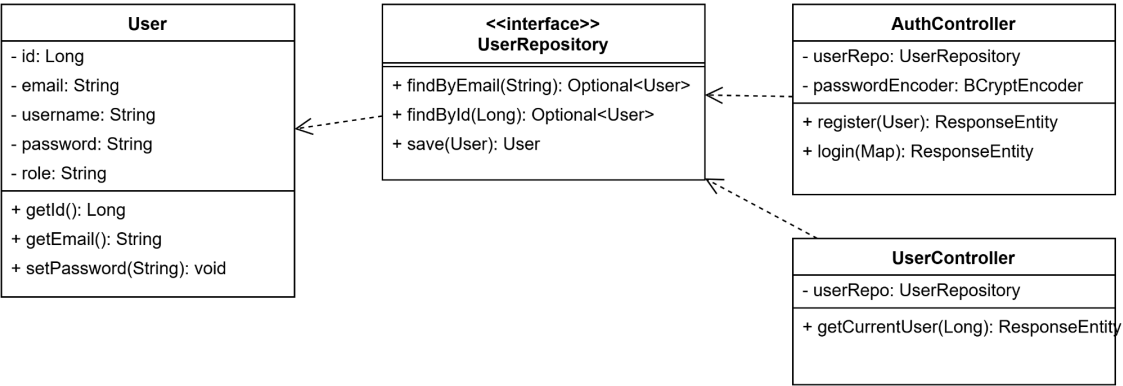
5.2. Use Case Diagram



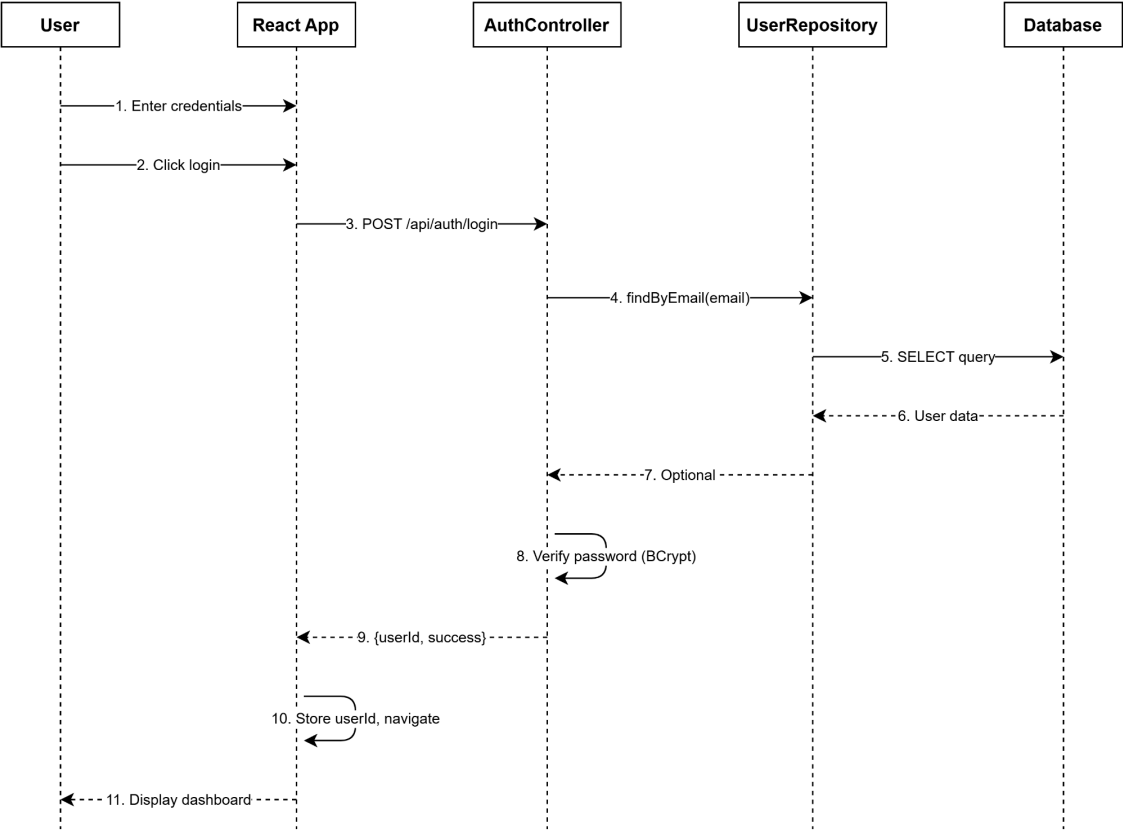
5.3. Activity Diagram



5.4. Class Diagram

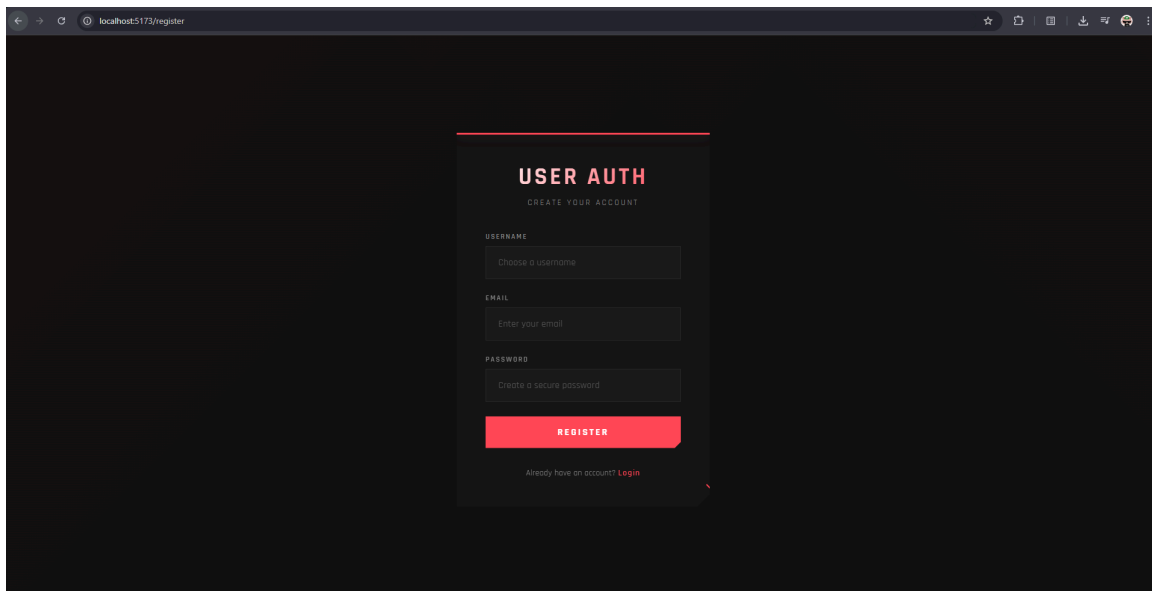


5.5. Sequence Diagram



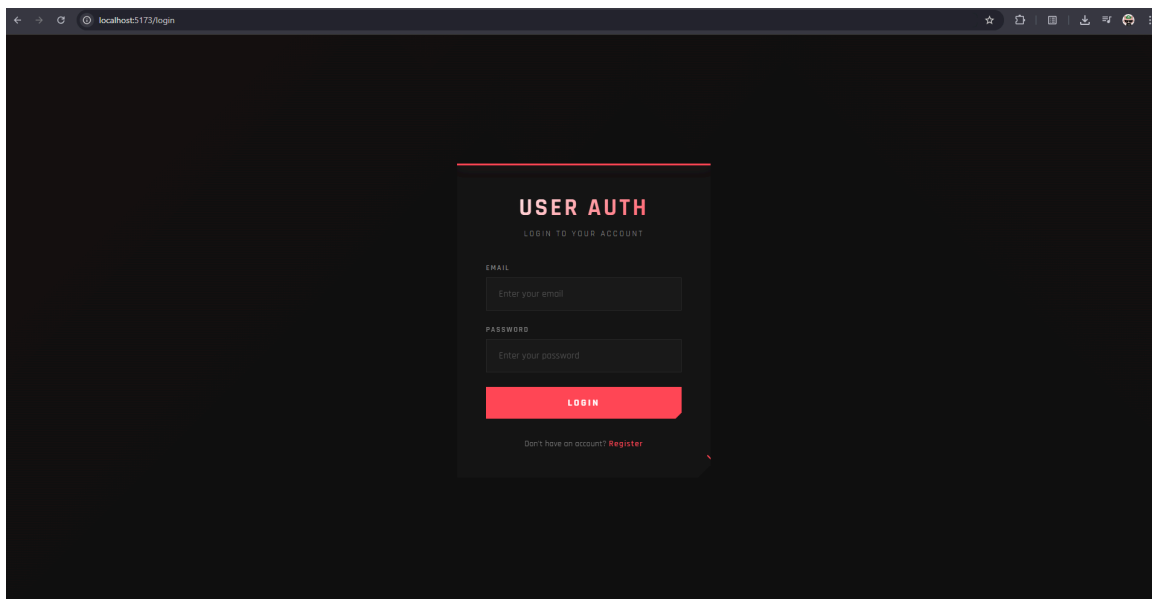
6. Appendices

Register:



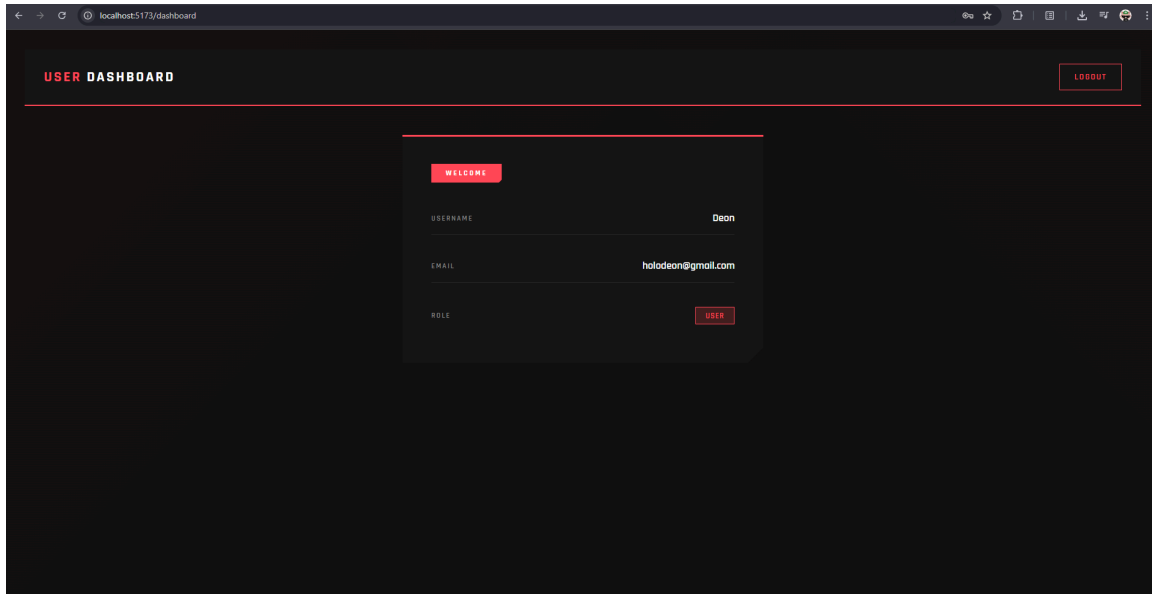
A screenshot of a web browser displaying the 'Register' page. The browser's address bar shows 'localhost:5173/register'. The page has a dark background with a central white card titled 'USER AUTH' and the subtitle 'CREATE YOUR ACCOUNT'. The card contains three input fields: 'USERNAME' with the placeholder 'Choose a username', 'EMAIL' with 'Enter your email', and 'PASSWORD' with 'Create a secure password'. Below these fields is a red 'REGISTER' button. At the bottom of the card, it says 'Already have an account? [Login](#)'.

Login:



A screenshot of a web browser displaying the 'Login' page. The browser's address bar shows 'localhost:5173/login'. The page has a dark background with a central white card titled 'USER AUTH' and the subtitle 'LOGIN TO YOUR ACCOUNT'. The card contains two input fields: 'EMAIL' with the placeholder 'Enter your email' and 'PASSWORD' with 'Enter your password'. Below these fields is a red 'LOGIN' button. At the bottom of the card, it says 'Don't have an account? [Register](#)'.

Dashboard/Profile:



Logout:

