



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

IT342-G6

SYSTEMS INTEGRATION

AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS

SPECIFICATION (FRS)

Project Title: Mini App – User Registration & Authentication

Prepared By: Christian Aire D. Tan

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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.

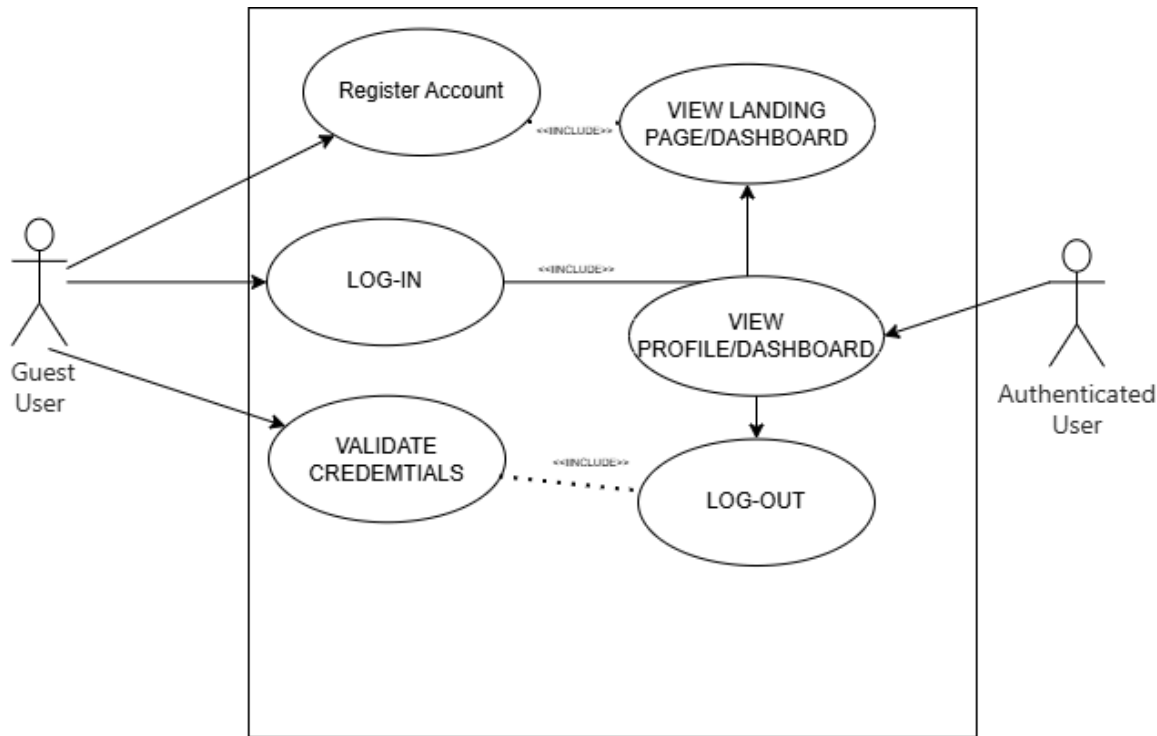
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

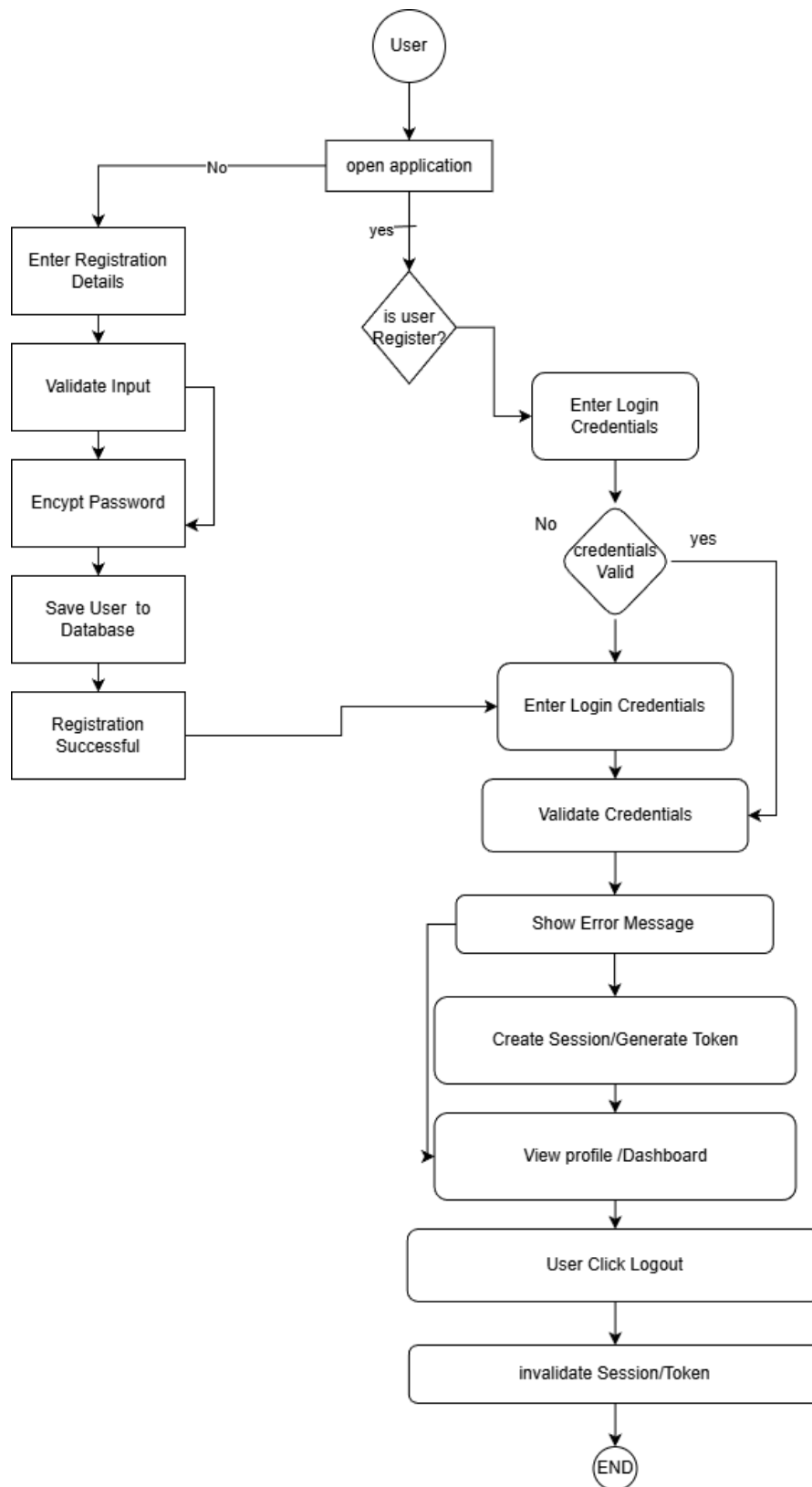
5.1. ERD

USERS		
userID	INT	PRIMARY KEY
email	VARCHAR(255)	NOT NULL
password_hash	VARCHAR(255)	NOT NULL
first_name	VARCHAR(100)	NOT NULL
last_name	VARCHAR(255)	NOT NULL
created_at	TIMESTAMP	DEFAULT
updated_at	TIMESTAMP	DEFAULT

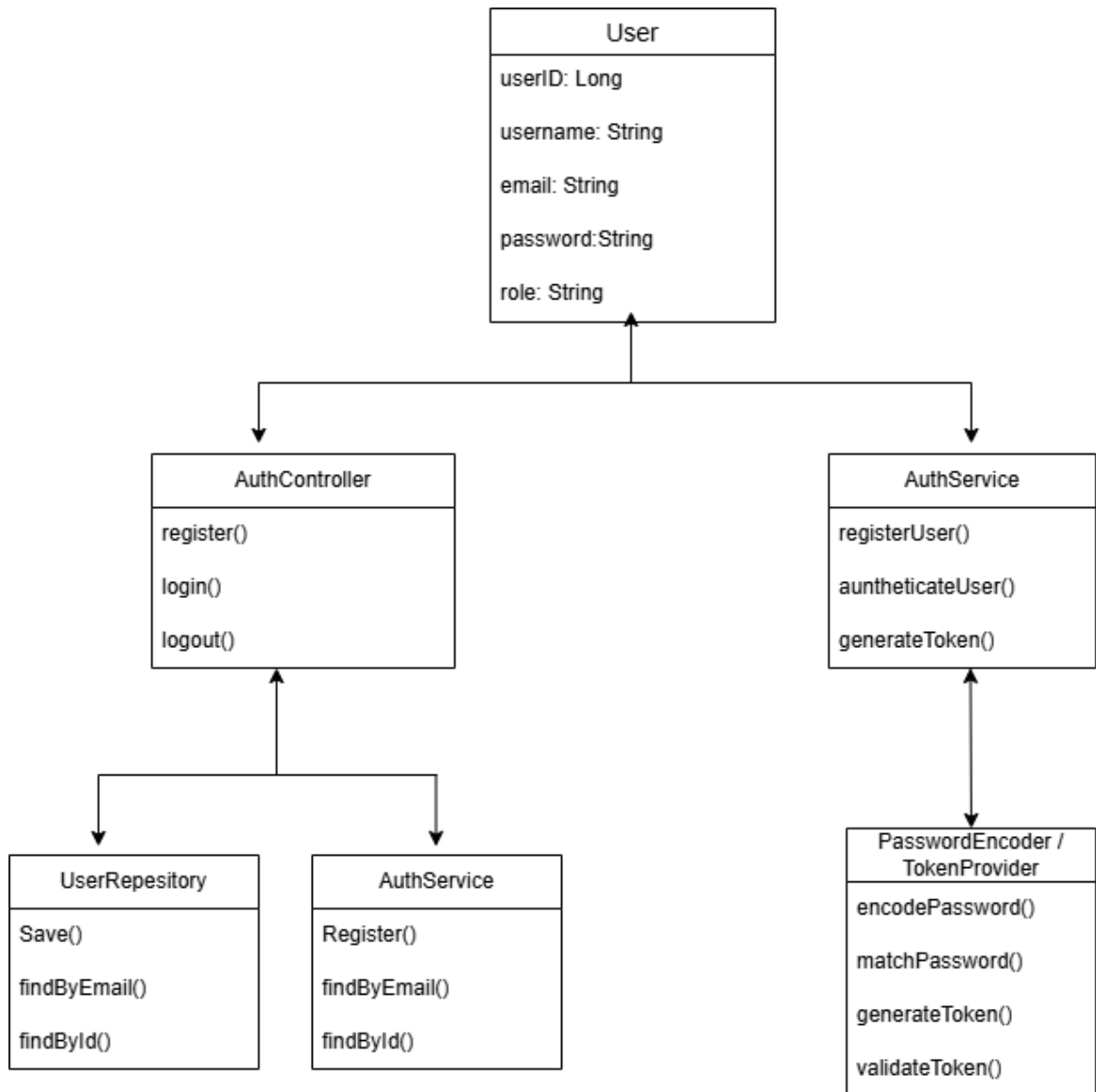
5.2. Use Case Diagram



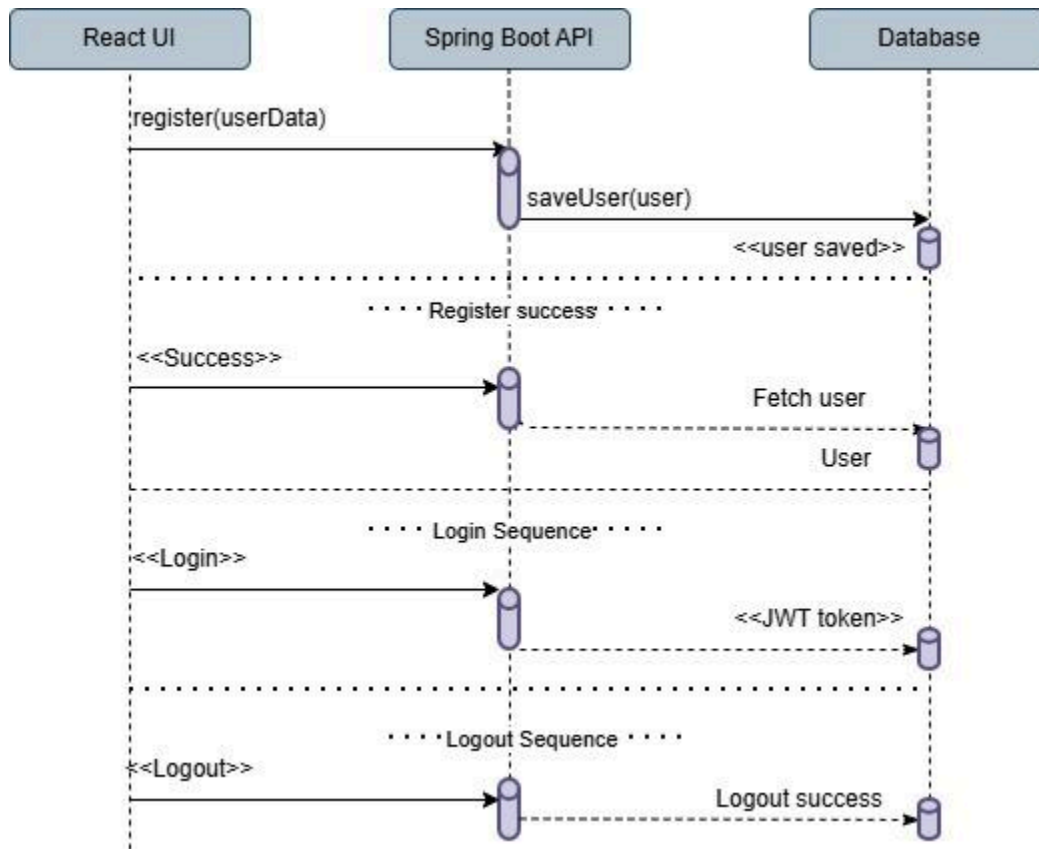
5.3. Activity Diagram



5.4. Class Diagram



5.5. Sequence Diagram



6. Appendices

Include any additional information, references, or support materials.