



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

# IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

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

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Project Title: Mini App – User Registration & Authentication

Prepared By: Michelu Tia A. Lim

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# 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 .....5
  - 5.4. Class Diagram.....6
  - 5.5. Sequence Diagram .....7
- 6. Appendices .....8

## 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.

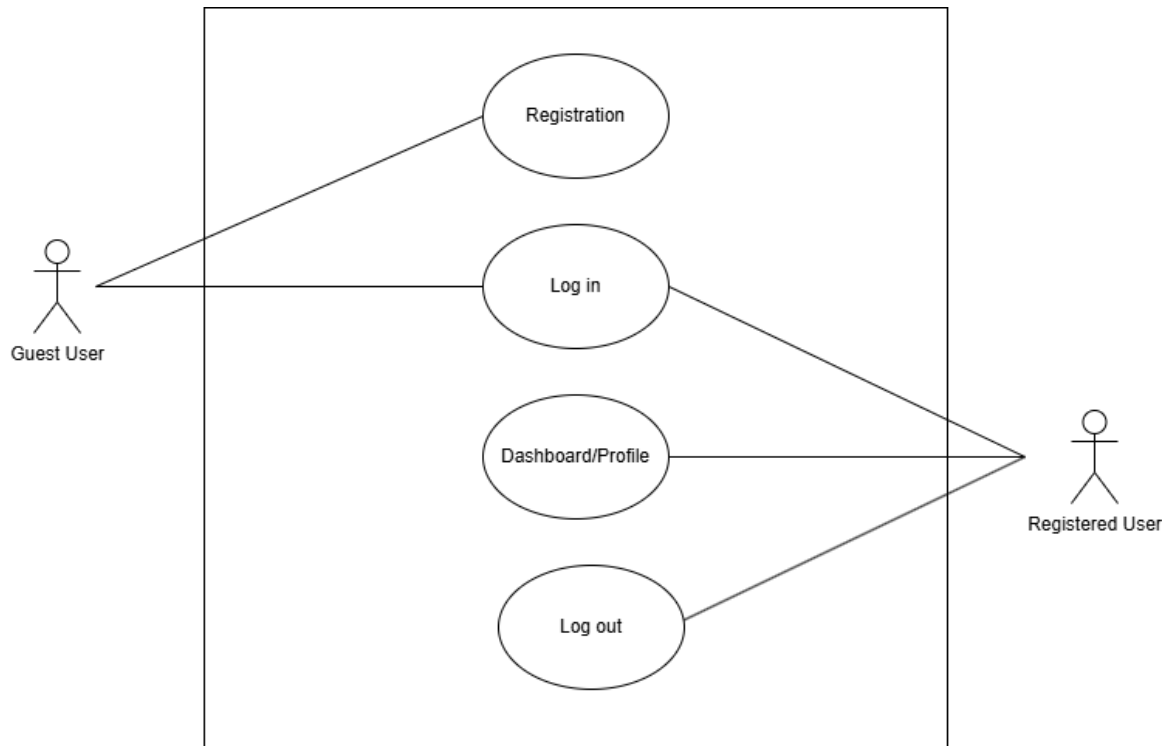
## 5. System Models (Diagrams)

*Insert the necessary diagrams for the system:*

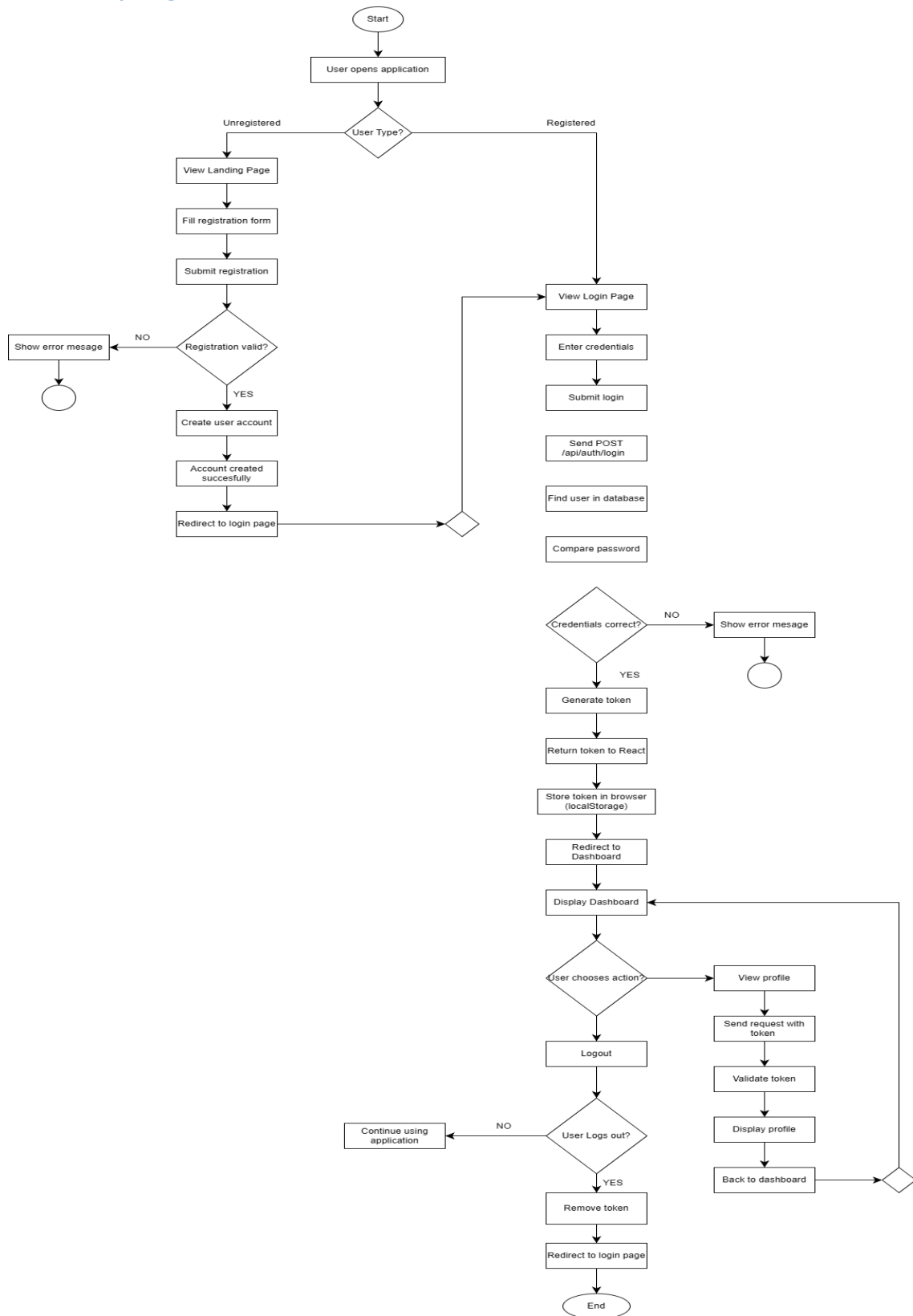
### 5.1. ERD

User		
PK	user_id	INT
	username	VARCHAR(50)
	email	VARCHAR(100)
	password	VARCHAR(255)
	full_name	VARCHAR(100)
	created_at	TIMESTAMP
	updated_at	TIMESTAMP

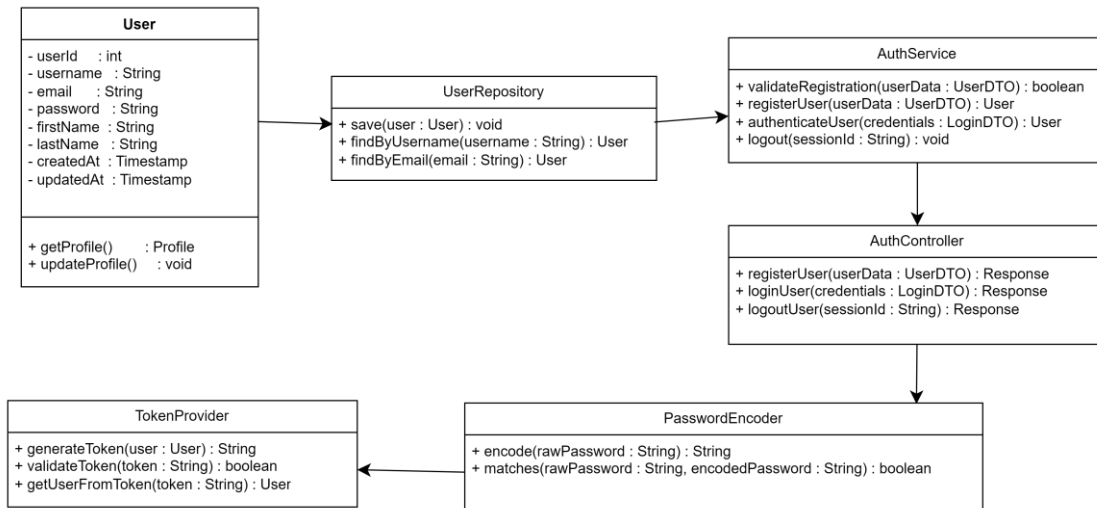
### 5.2. Use Case Diagram



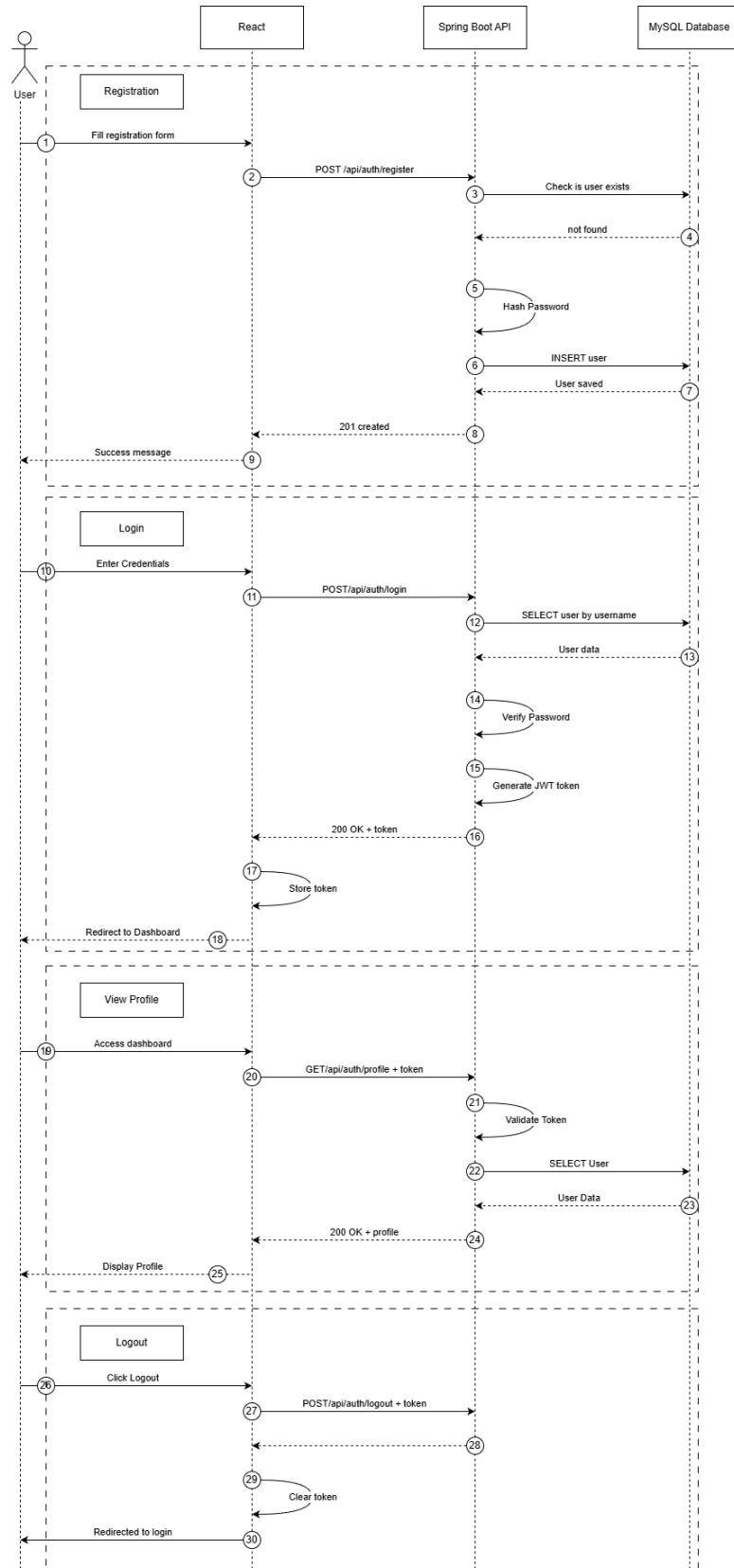
### 5.3. Activity Diagram



## 5.4. Class Diagram



## 5.5. Sequence Diagram



## 6. Appendices

Include any additional information, references, or support materials.