



**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:

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Date of Submission: 02/06/2026

Version: 3

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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:

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

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

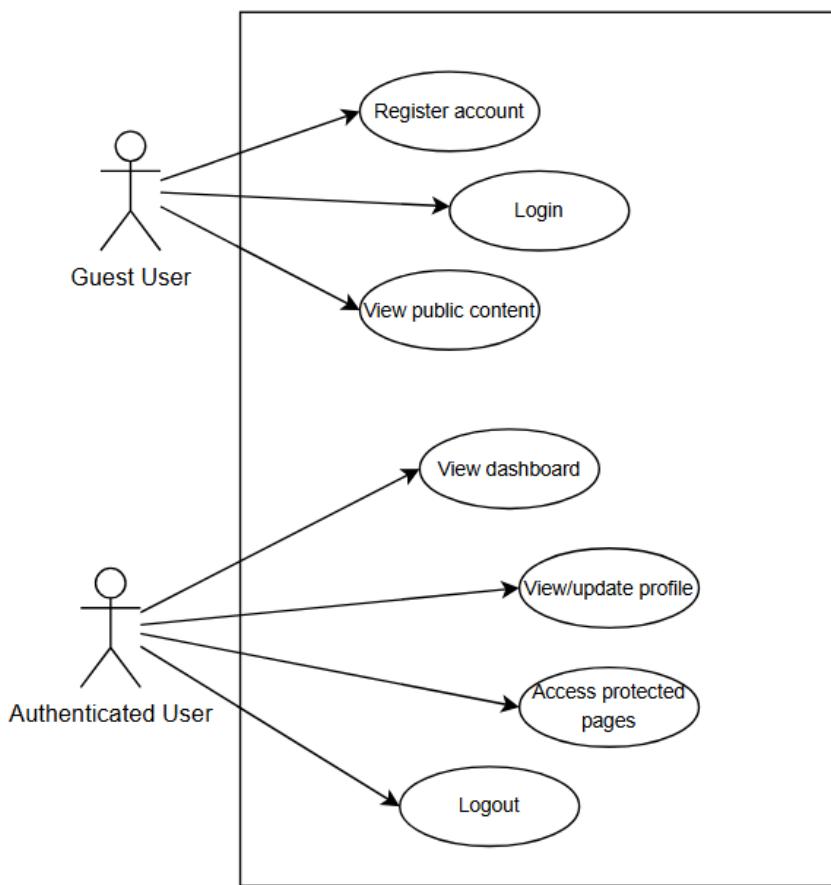
## 5. System Models (Diagrams)

Insert the necessary diagrams for the system:

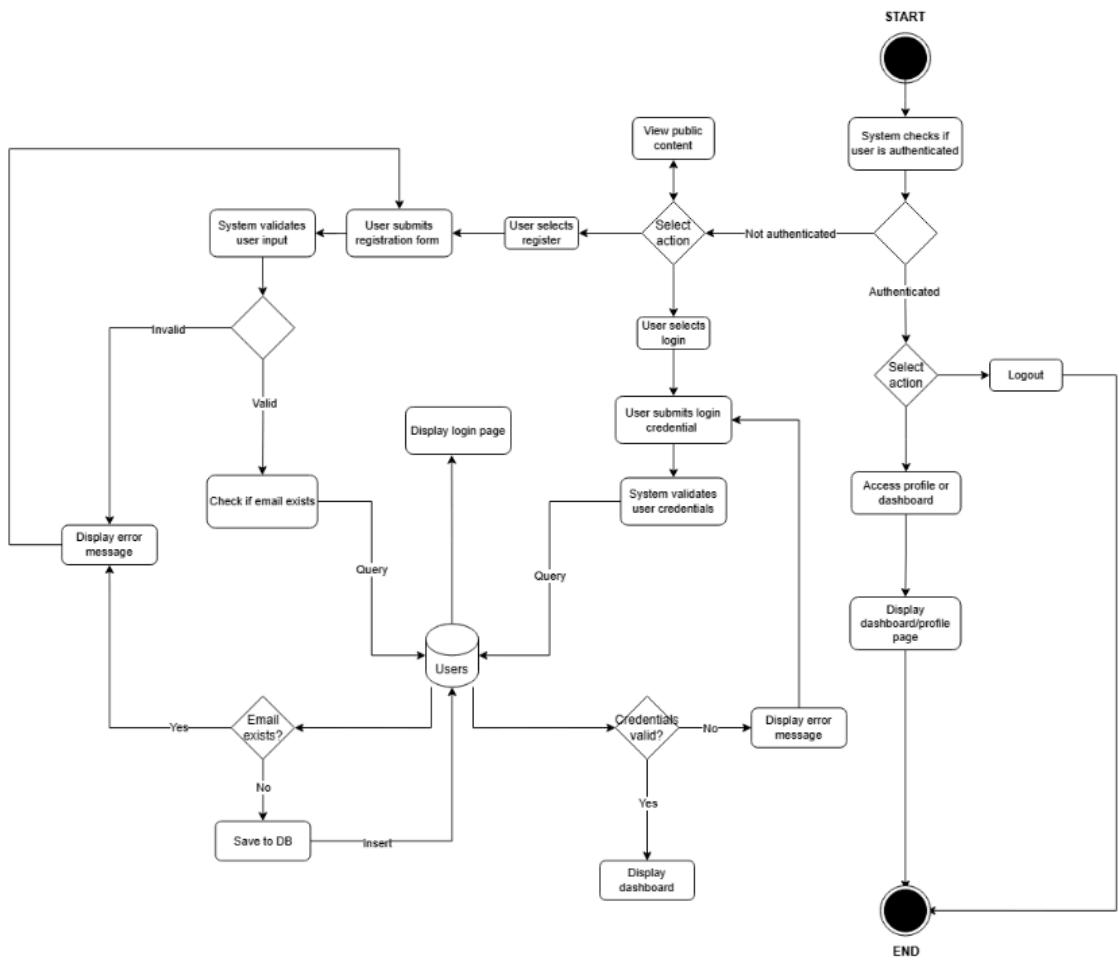
### 5.1. ERD

User	
PK	<u>userId(Long)</u>
	email(String, unique)
	firstname(String)
	lastname(String)
	password(String)
	createdAt(LocalDateTime)

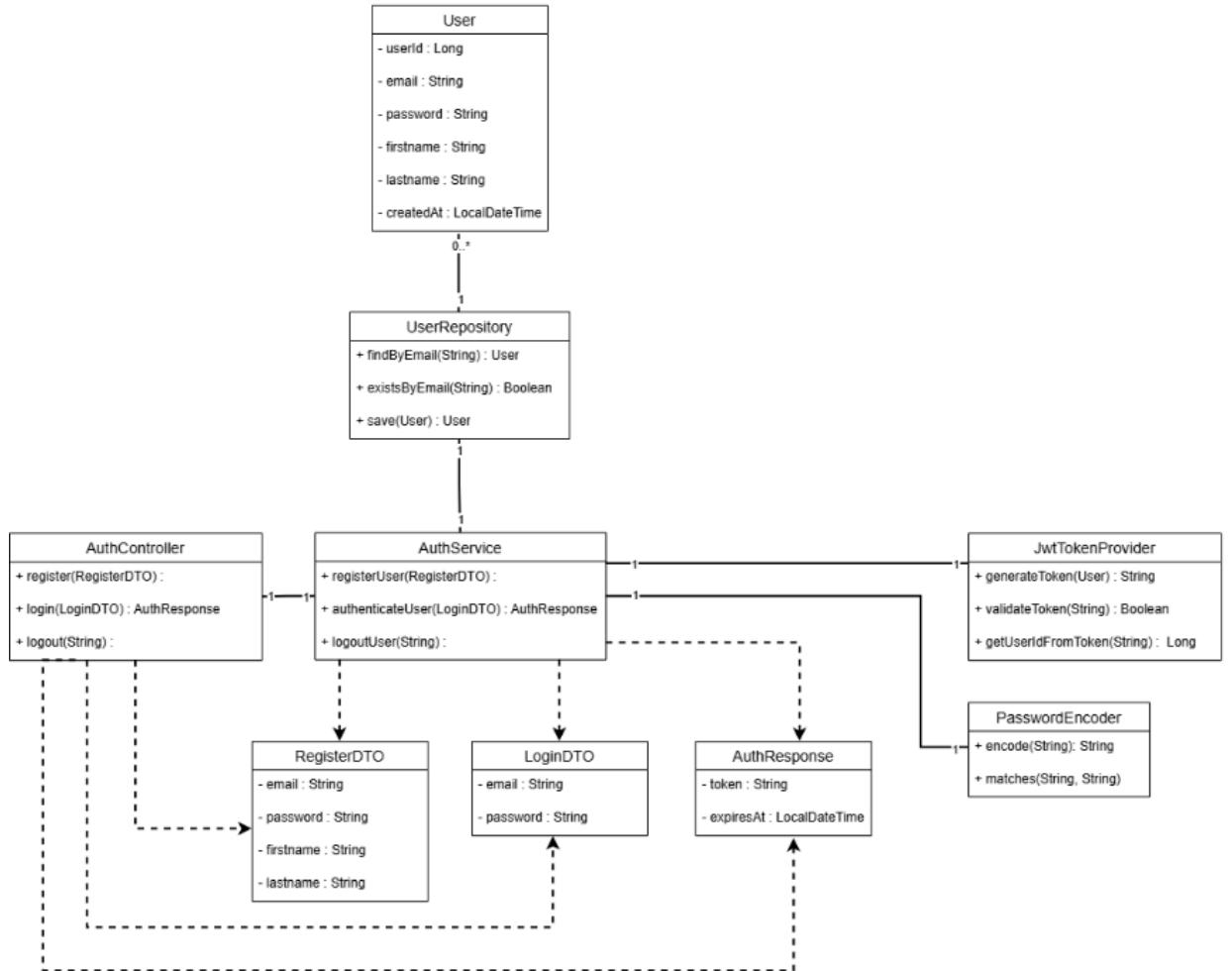
### 5.2. Use Case Diagram



### 5.3. Activity Diagram

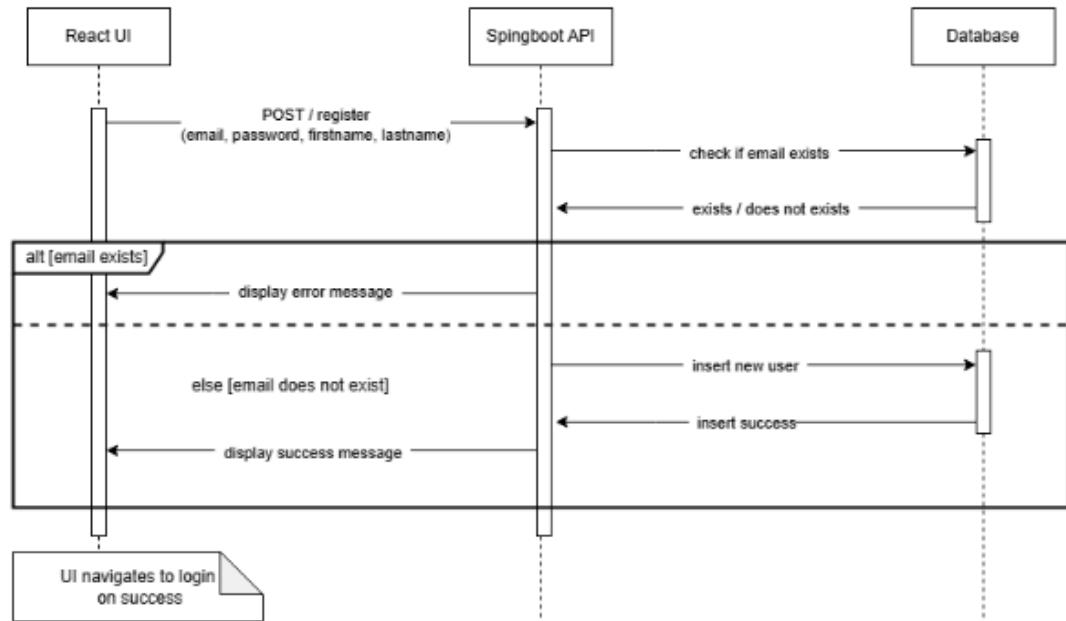


## 5.4. Class Diagram

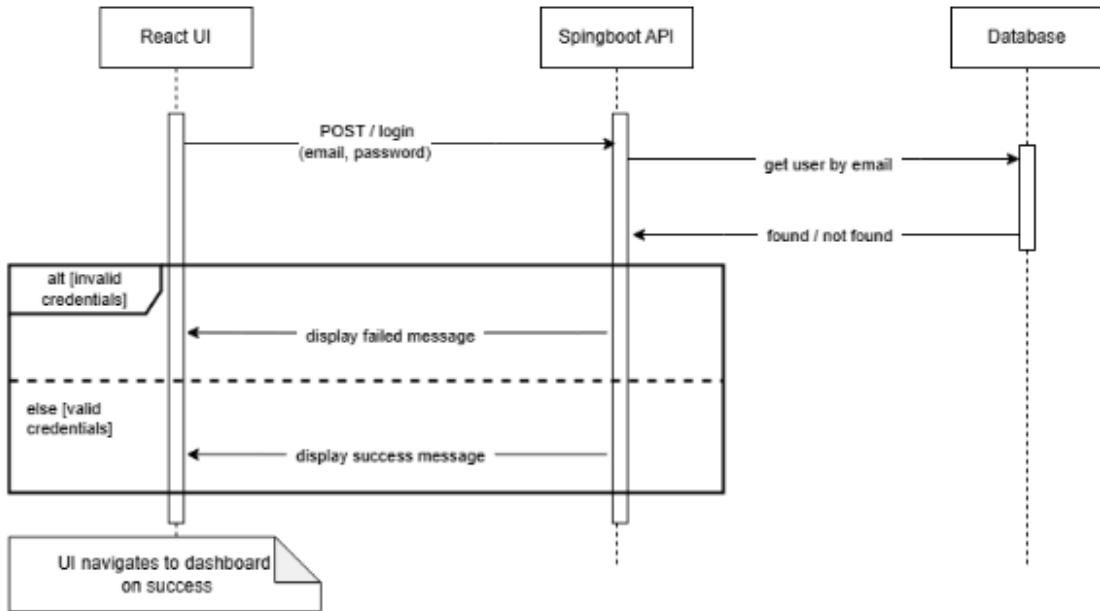


## 5.5. Sequence Diagram

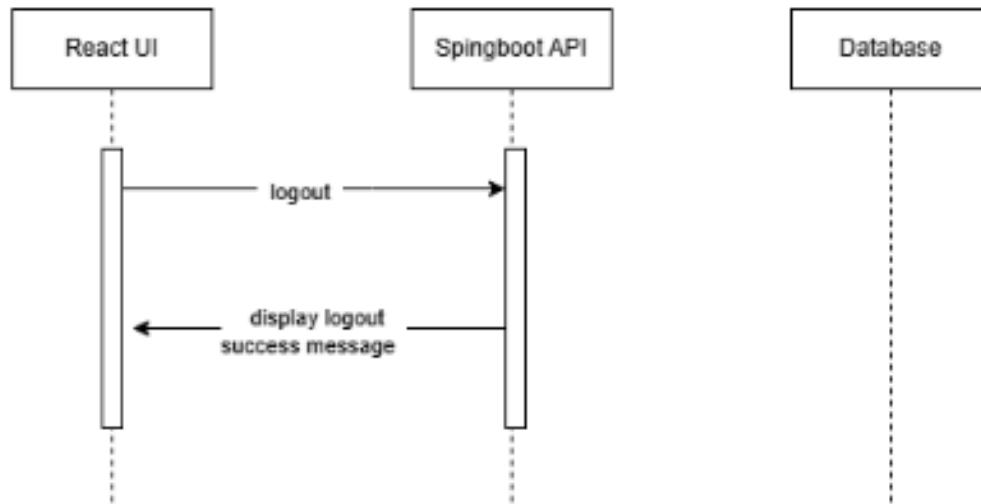
### Registration Sequence



### Login Sequence



## Logout Sequence



## 6. Appendices

Include any additional information, references, or support materials.

## 7. Screenshots