CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title: StockEase

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Date of Submission:

Version: 0.01

Table of Contents

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:
-
-
-

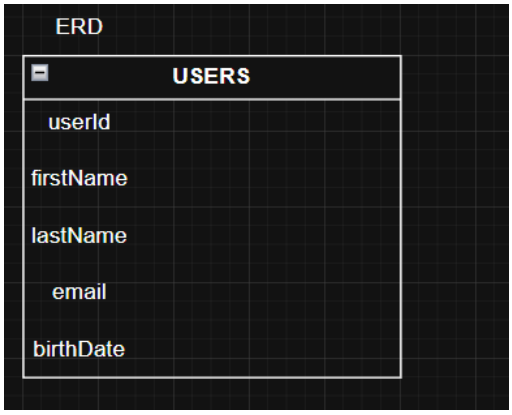
4. Non-Functional Requirements

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

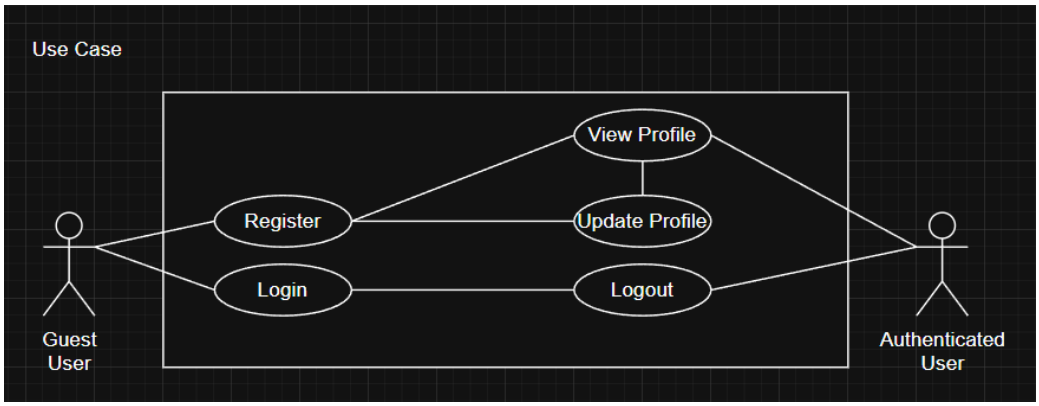
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

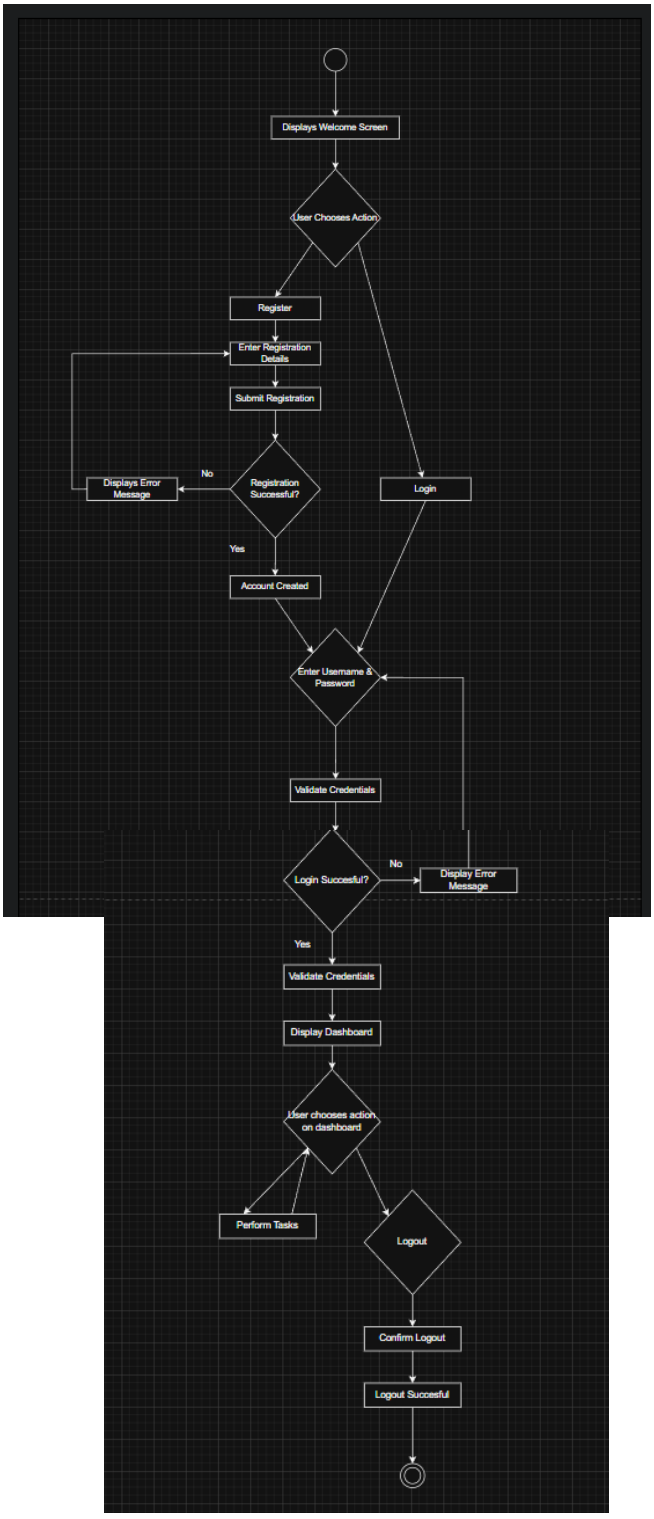
5.1. ERD



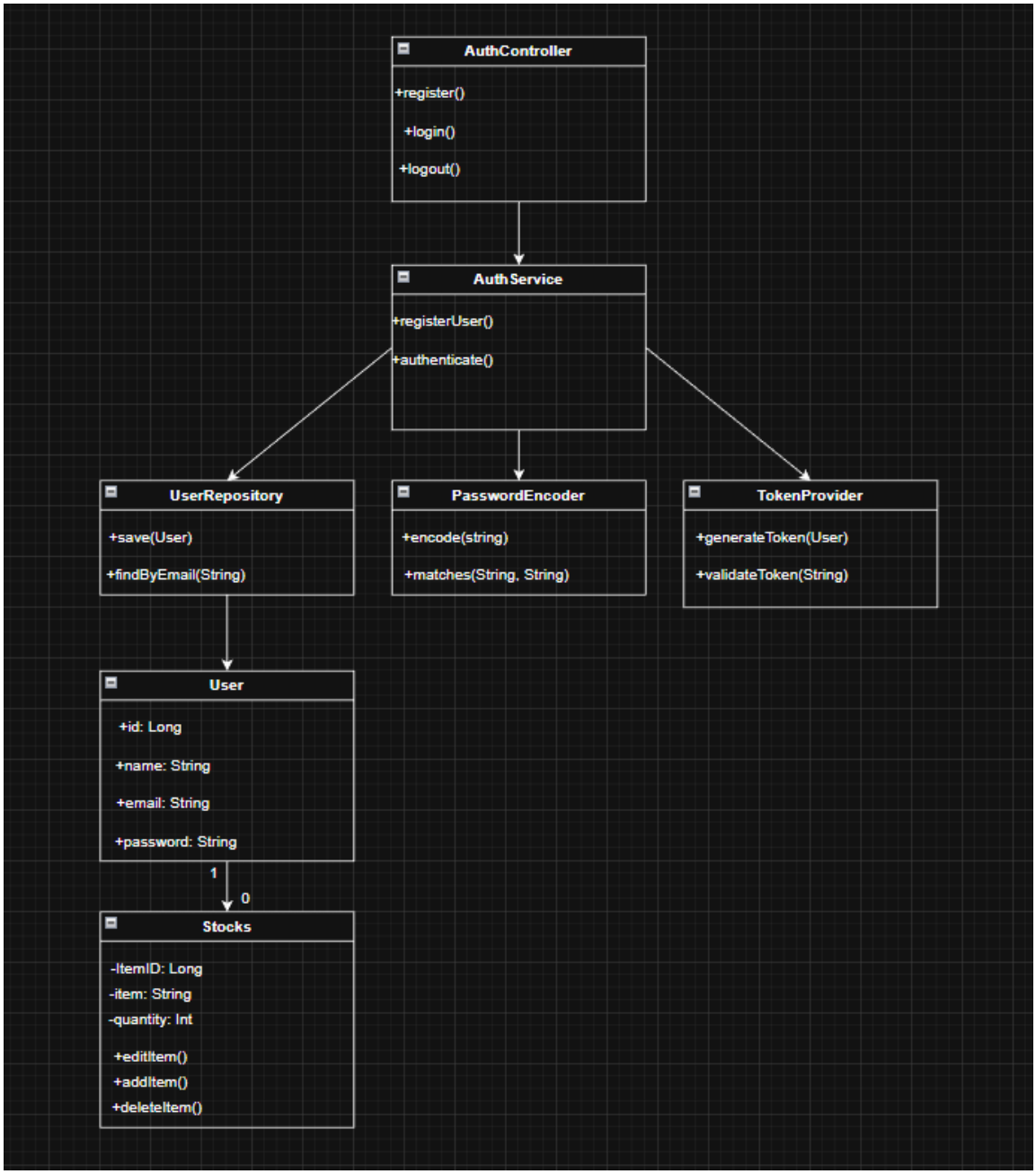
5.2. Use Case Diagram



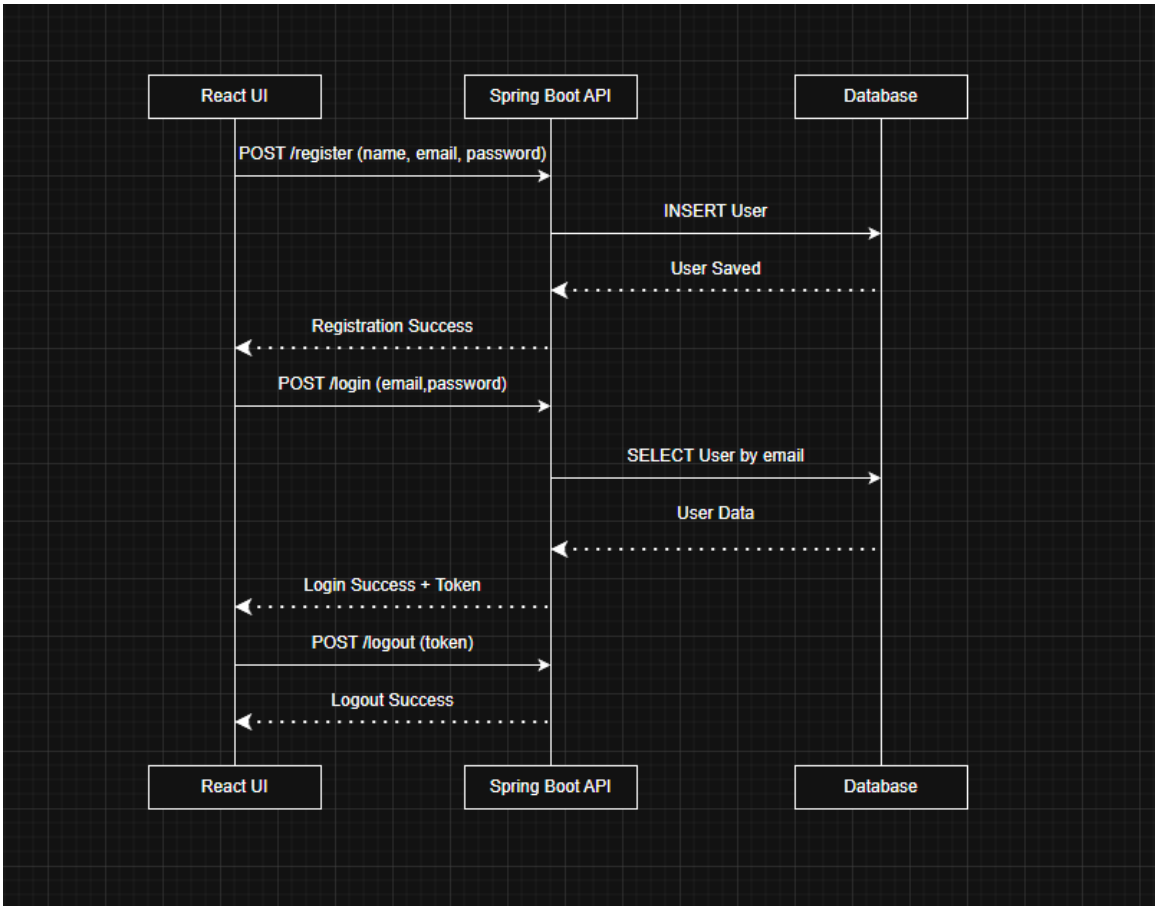
5.3. Activity Diagram


Displays Welcome Screen
User Chooses Action
Register
Enter Registration Details
Submit Registration
Registration Successful?
No
Displays Error Message
Yes
Account Created
Login
Enter Username & Password
Validate Credentials
Login Succesful?
No
Display Error Message
Yes
Validate Credentials
Display Dashboard
User chooses action on dashboard
Perform Tasks
Logout
Confirm Logout
Logout Succesful

5.4. Class Diagram

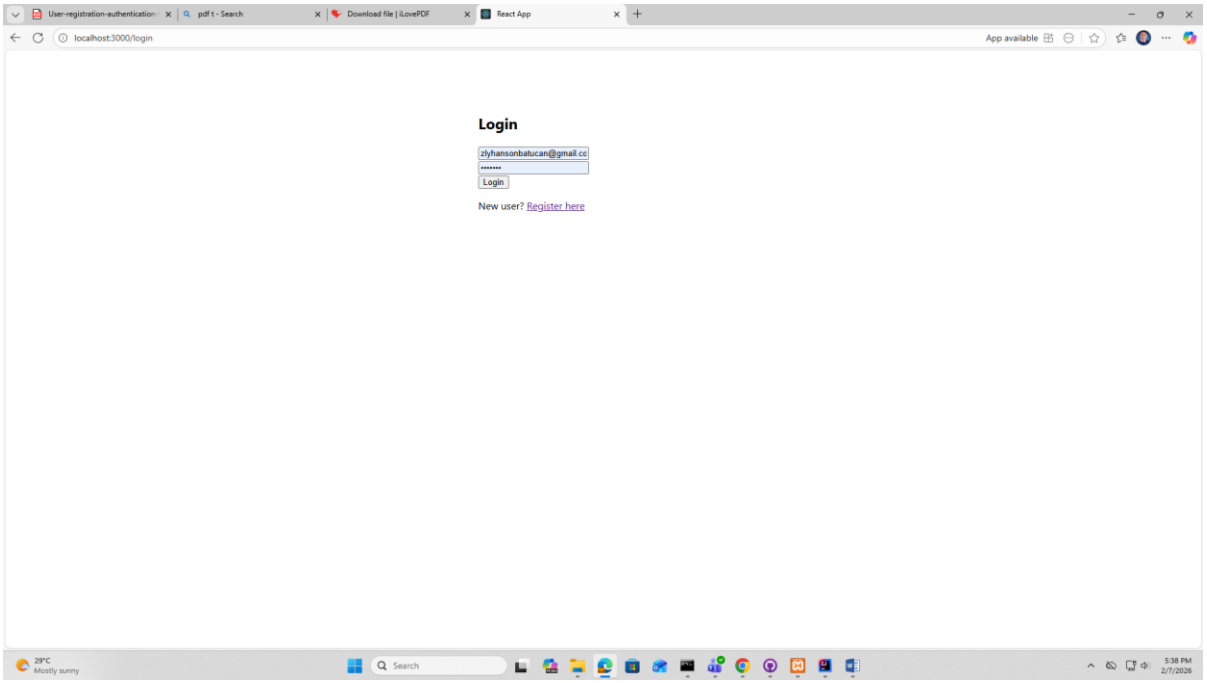


5.5. Sequence Diagram



6. Appendices

Web Screenshots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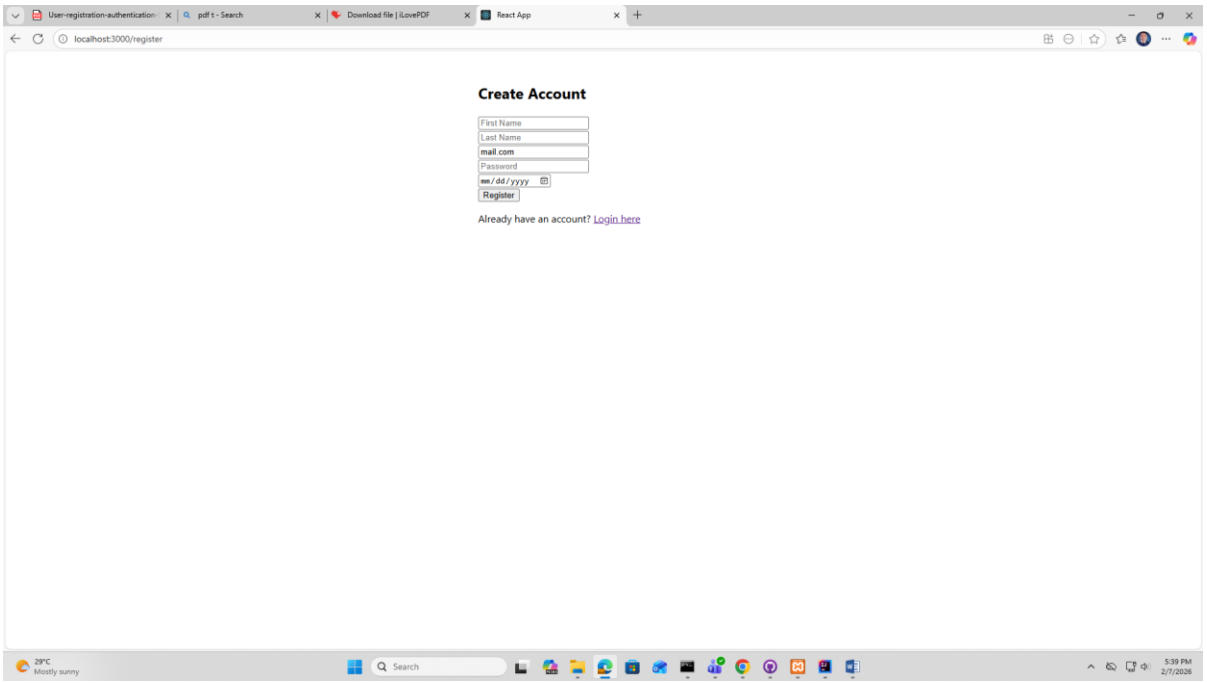
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