



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: N/A

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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.

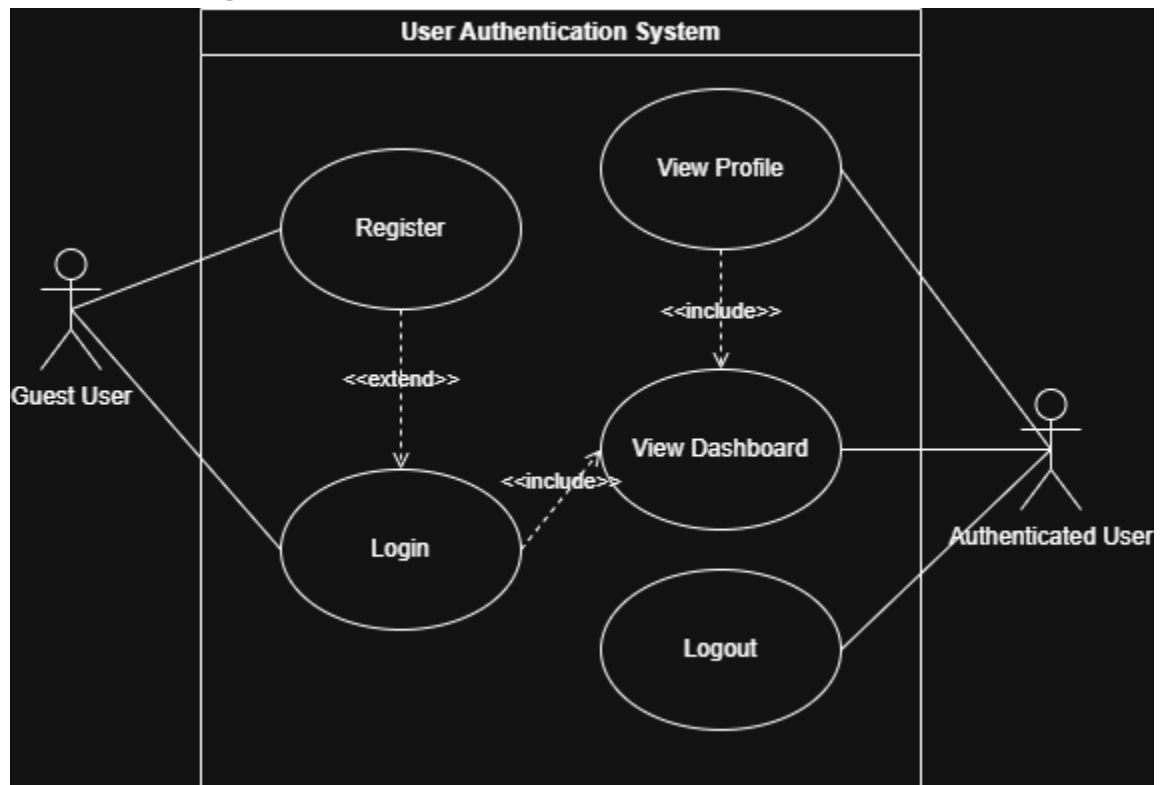
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

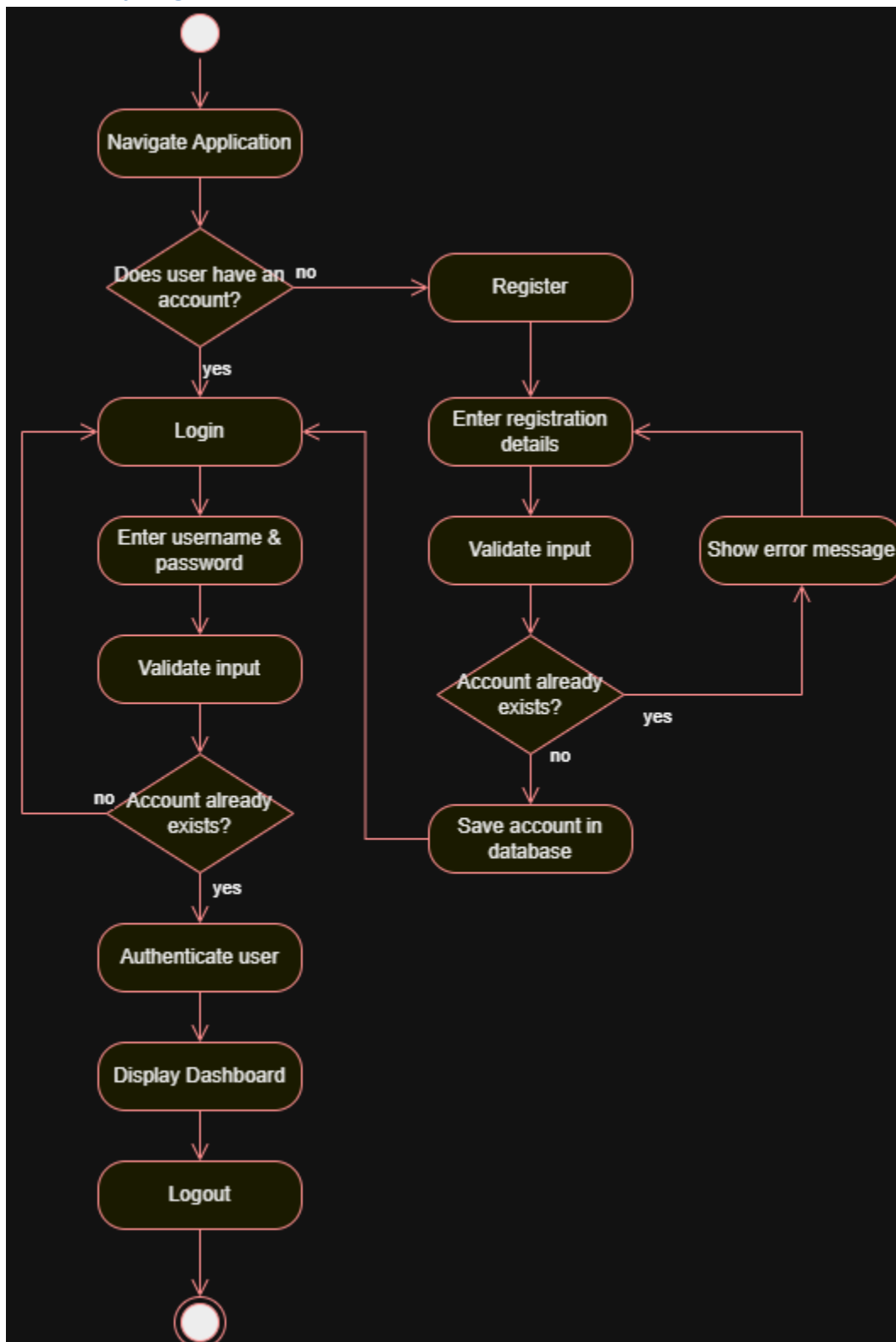
5.1. ERD

Users	
PK	<u>userID</u>
	username : string
	email : string
	password_hash : string
	full_name : string
	created_at : datetime
	updated_at : datetime
	last_login : datetime
	status : string

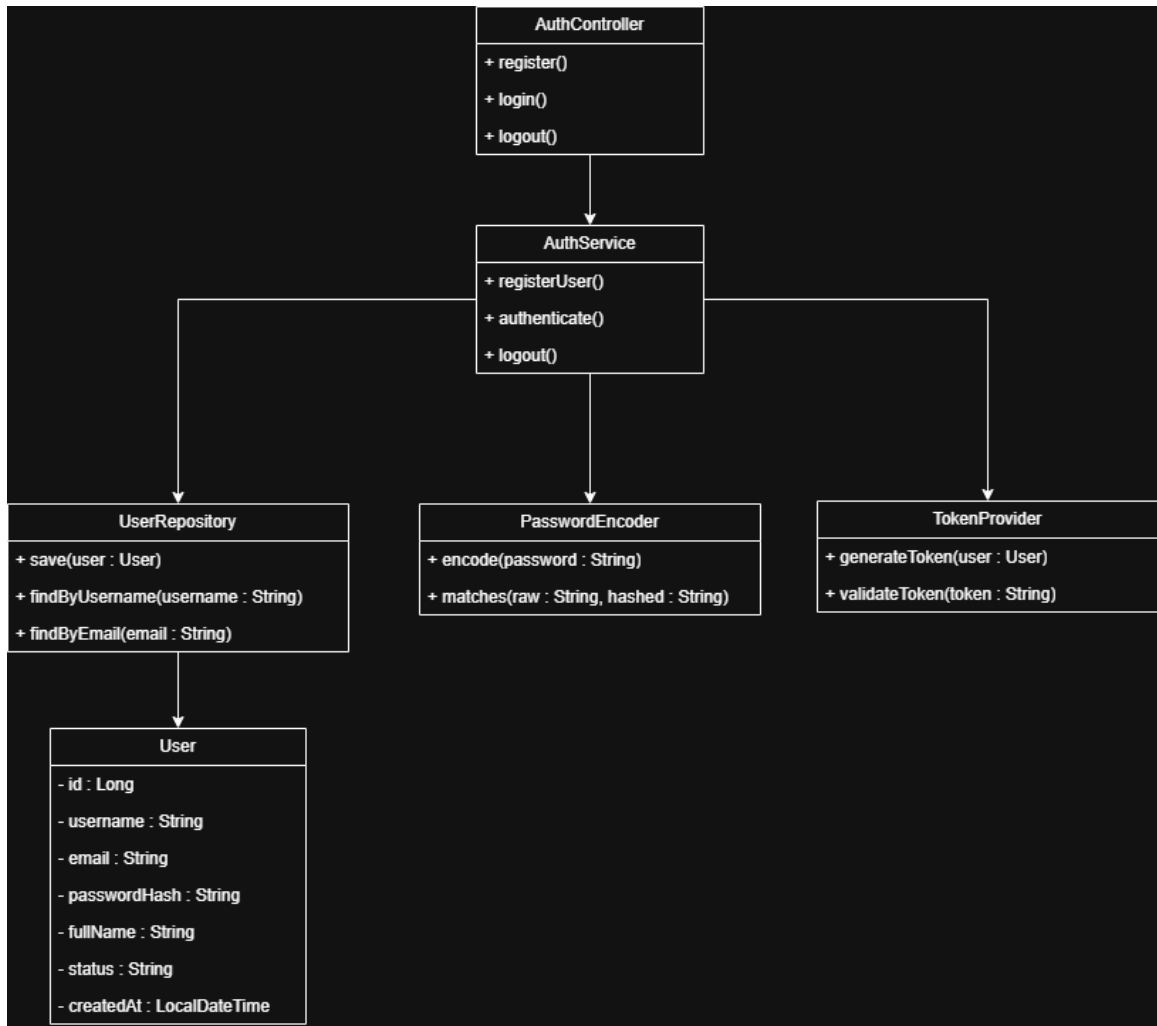
5.2. Use Case Diagram



5.3. Activity Diagram

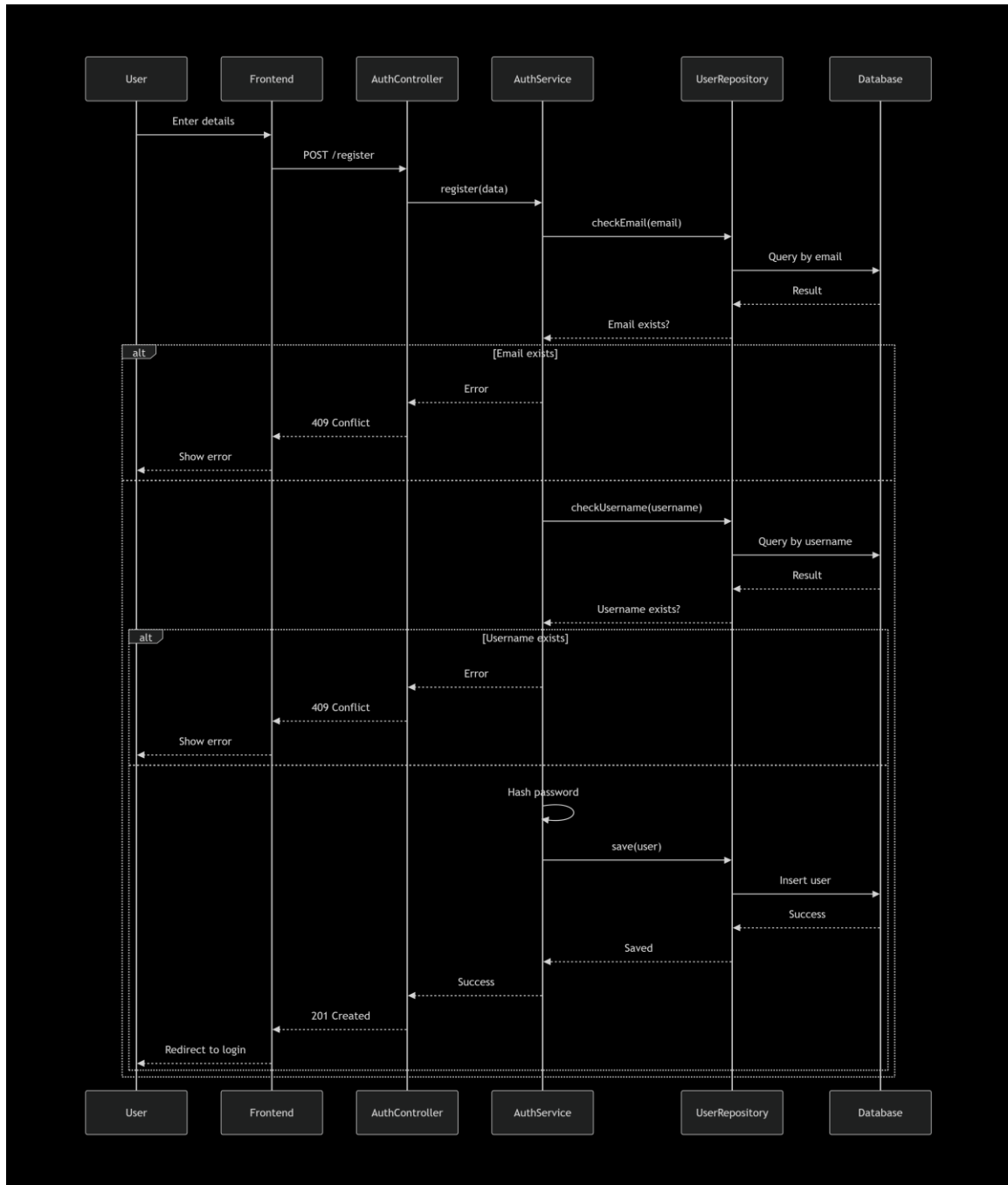


5.4. Class Diagram

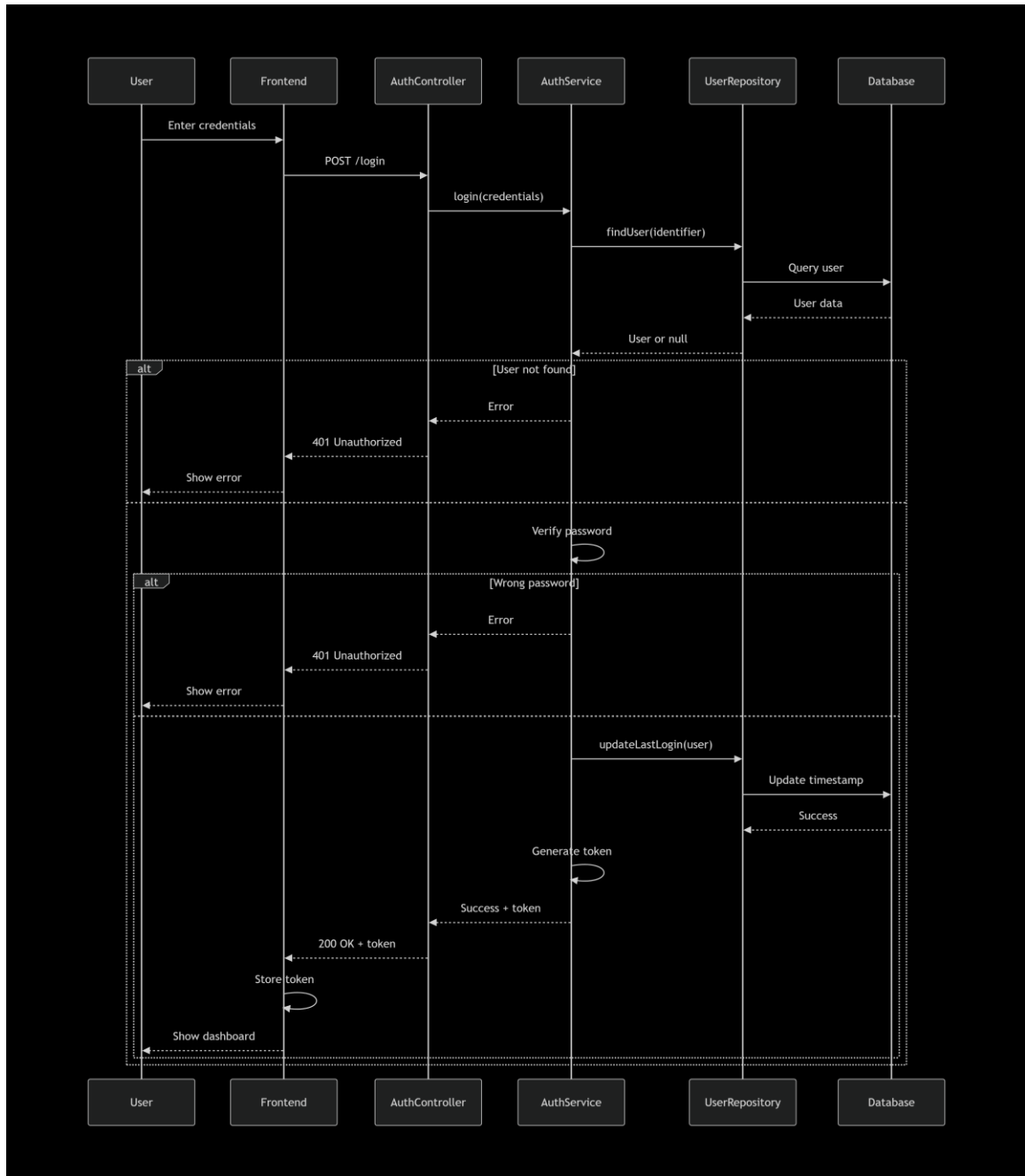


5.5. Sequence Diagram

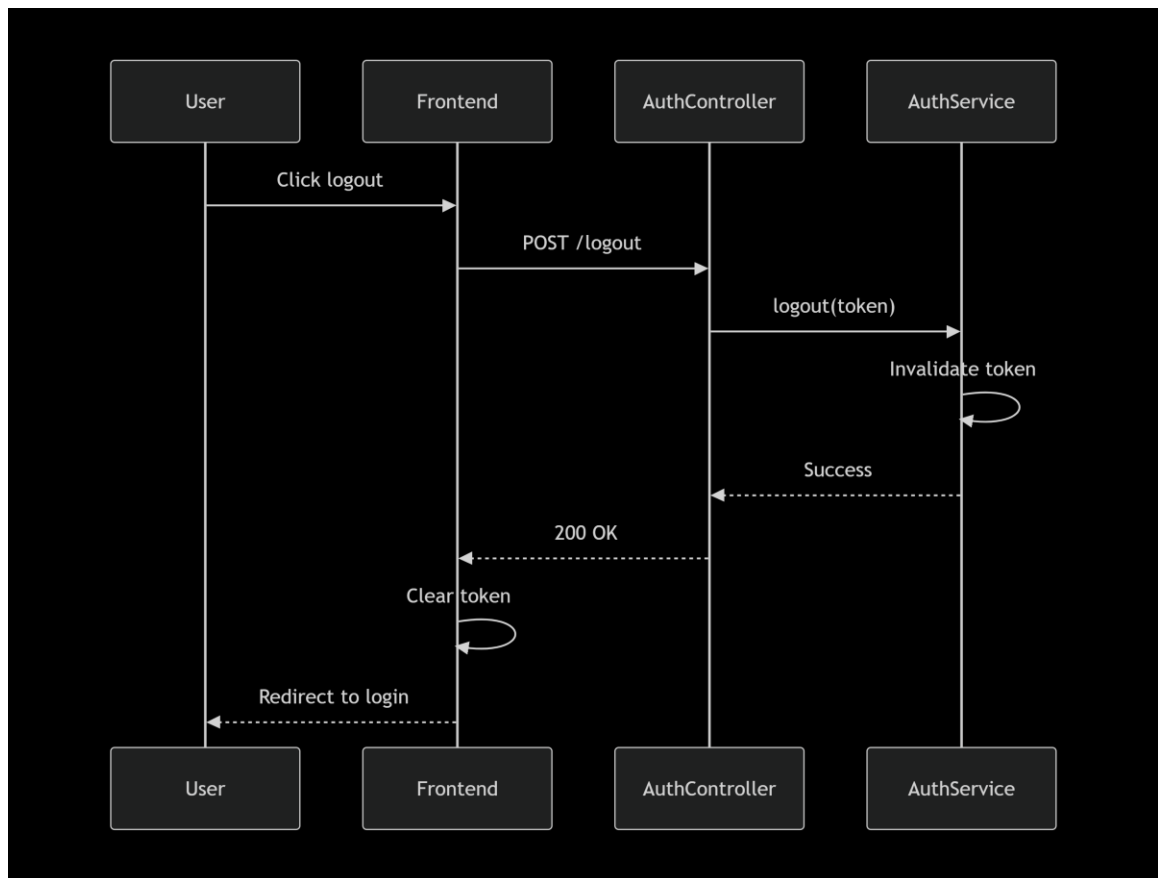
Registration Sequence Diagram:



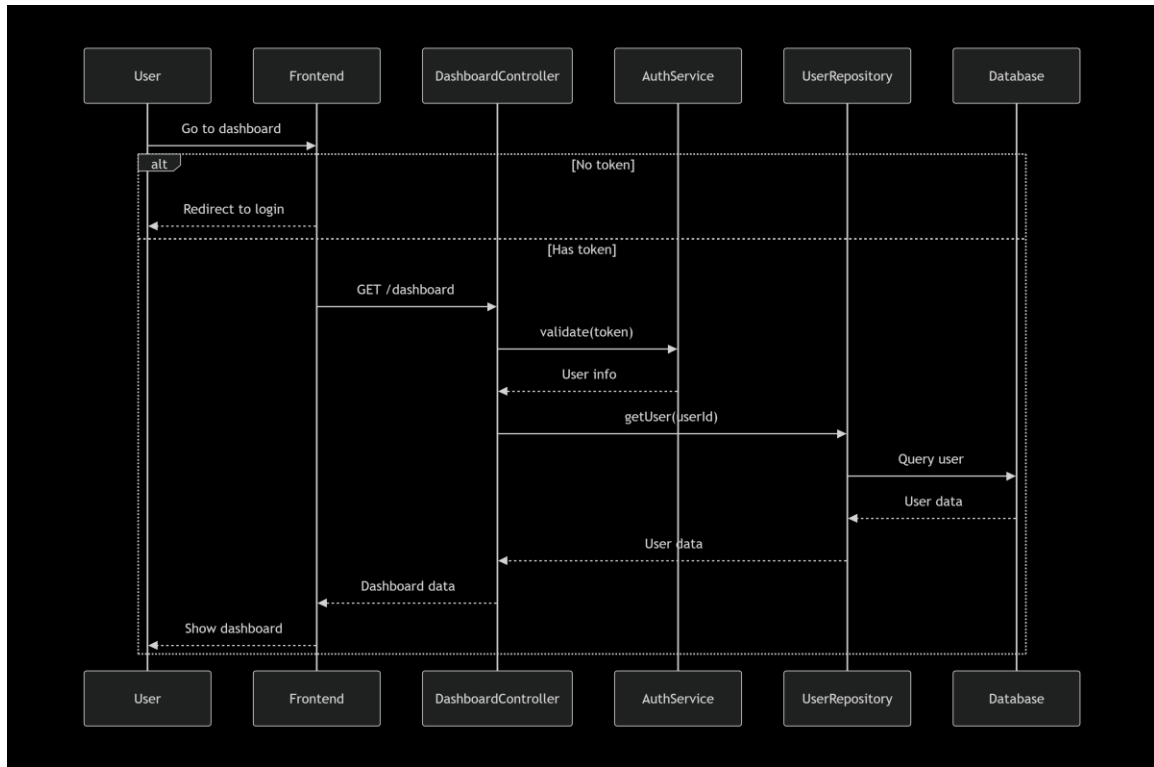
Login Sequence Diagram:



Logout Sequence Diagram:



Dashboard Sequence Diagram:



6. Appendices

Include any additional information, references, or support materials.