



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title: Personal Achievement Logger

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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.

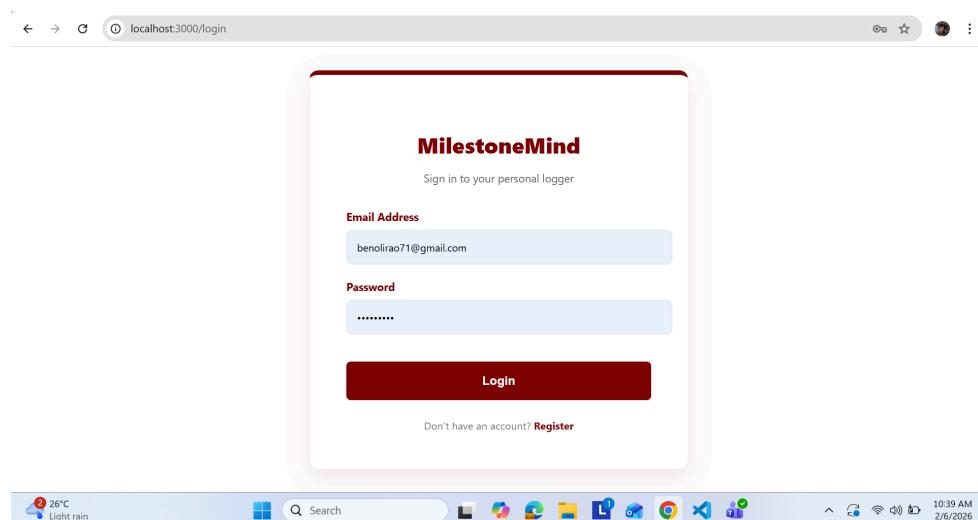
2.4. Assumptions and Dependencies

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.

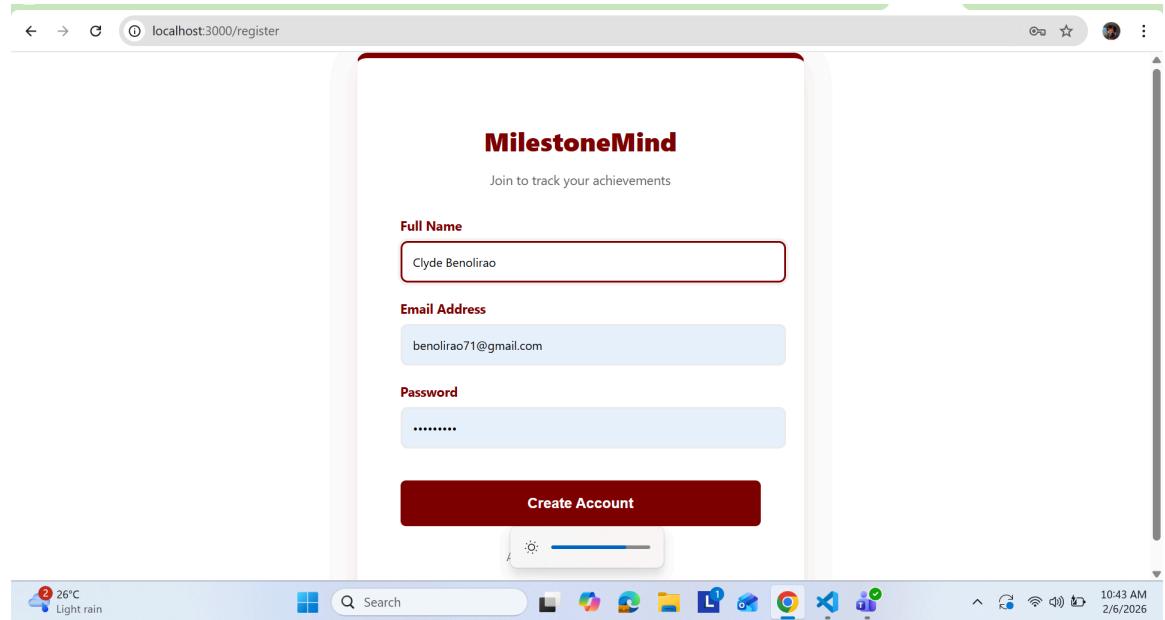
3.1. Feature 1:



Description:

Functional Requirements:

3.2. Feature 2:



Description:

Functional Requirements:

-
-
-

3.3 Feature 3:

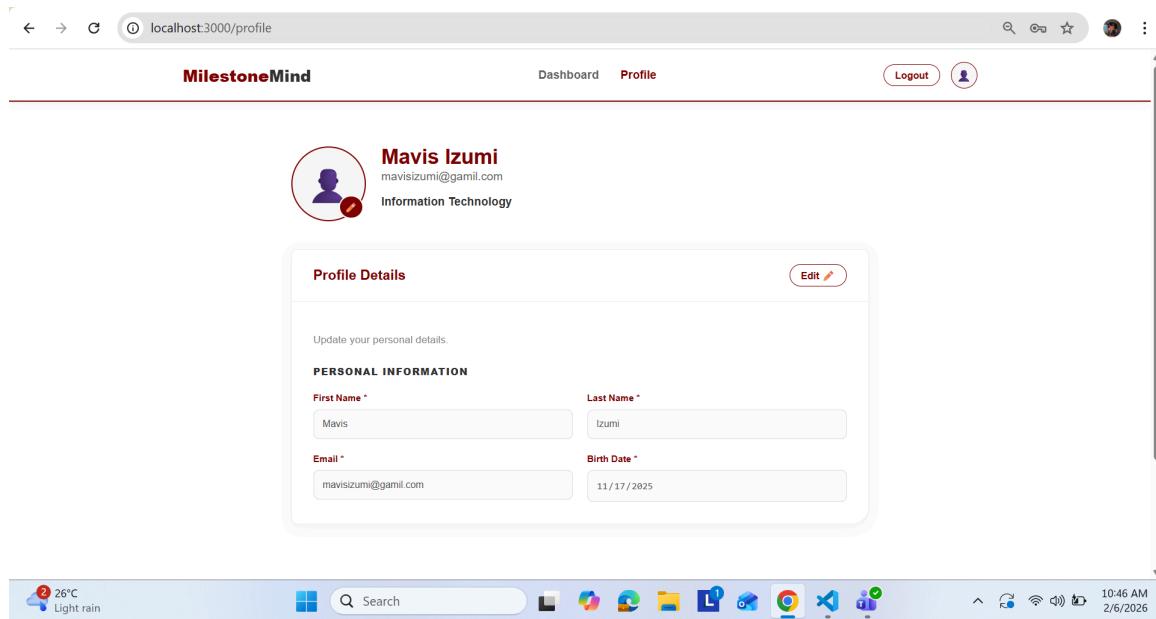
A screenshot of the 'MilestoneMind' dashboard under the 'My Achievements' section. It shows three achievements: 'First 10km Run' (Completed in 55 minutes at the local park), 'React Certification' (Passed the advanced hooks and state management exam), and 'Read 5 Books' (Finished the monthly reading goal ahead of schedule). Each achievement card includes a date (2026-01-10, 2026-01-15, 2026-02-01), an edit and delete button, and a 'Logout' button in the top right corner. The browser's address bar shows 'localhost:3000'. The taskbar at the bottom displays various application icons and the date/time '10:45 AM 2/6/2026'.

Description:

Functional Requirements:

-
-
-

3.4 Feature 4:



Description:

Functional Requirements:

-
-
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4. Non-Functional Requirements

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

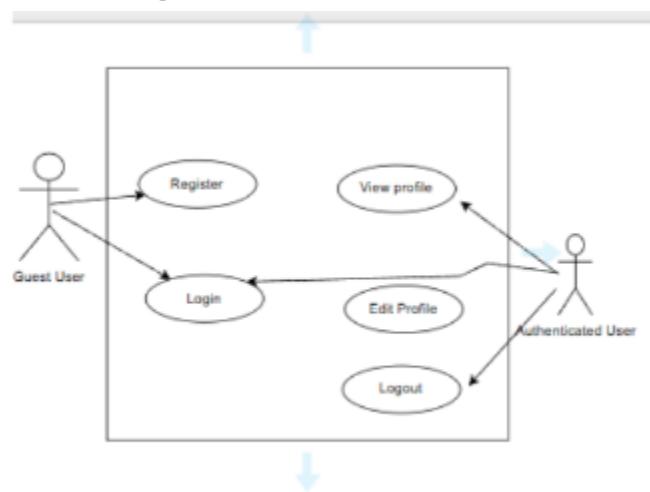
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

5.1. ERD

User	
PK	id
String	username
String	email
String	password
String	first_name
String	last_name
String	role
Timestamp	created_at
Timestamp	updated_at

5.2. Use Case Diagram



5.3. Activity Diagram



5.4. Class Diagram

Insert ERD here

5.5. Sequence Diagram

Insert ERD here

6. Appendices

Include any additional information, references, or support materials.