



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-Section SYSTEMS INTEGRATION AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title: MilestoneMind

Prepared By: Clyde C. Benolirao

Date of Submission: 2/18/26

Version: 3

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.....	4
5.4.	Class Diagram.....	4
5.5.	Sequence Diagram.....	4
6.	Appendices.....	4

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.

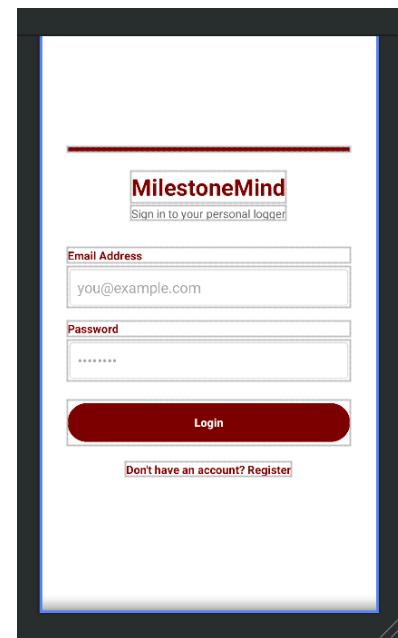
3.1. Feature 1:

A screenshot of a web browser window showing the 'MilestoneMind' login page. The URL in the address bar is 'localhost:3000/login'. The page has a white background with a dark red header bar containing the 'MilestoneMind' logo and the text 'Sign in to your personal logger'. Below the header is a form with two input fields: 'Email Address' containing 'benoliao71@gmail.com' and 'Password' containing several dots. A large dark red 'Login' button is centered below the inputs. At the bottom of the form, there is small text that says 'Don't have an account? [Register](#)'. The browser's toolbar at the bottom shows various icons and the date '2/6/2016'.

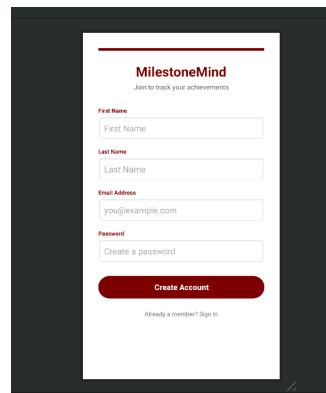
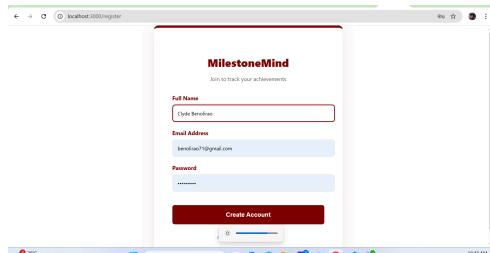
Description:

Functional Requirements:

-
-
-



3.2. Feature 2:



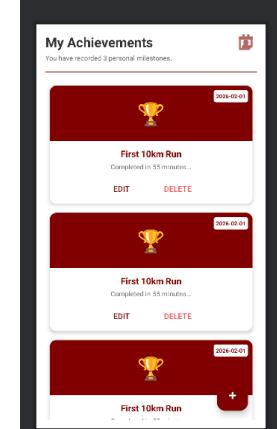
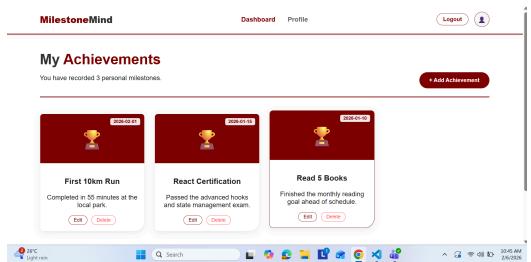
The registration form consists of several input fields: First Name, Last Name, Email Address, and Password. A "Create Account" button is at the bottom.

Description:

Functional Requirements:

-
-
-

3.3 Feature 3:



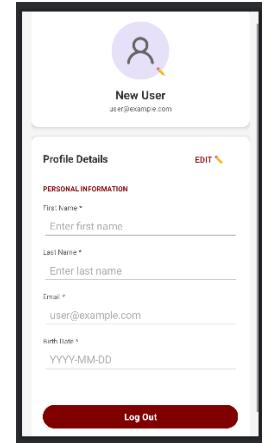
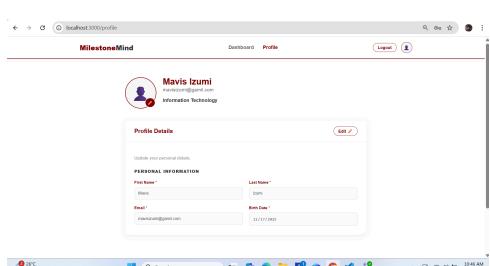
The achievements page displays three cards: "First 10km Run" (Completed in 35 minutes), "React Certification" (Passed the advanced books and state management exam), and "Read 5 Books" (Finished the monthly reading goal ahead of schedule). Each card has "Edit" and "Delete" buttons.

Description:

Functional Requirements:

-
-
-

3.4 Feature 4:



The profile page shows a user's details: Mavis Izumi, Software Developer, Interaction Technology. It includes a profile picture, a "Logout" button, and a "Profile Details" section with fields for First Name, Last Name, Email, and Birth Date.

Description:

Functional Requirements:

-

4. Non-Functional Requirements

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

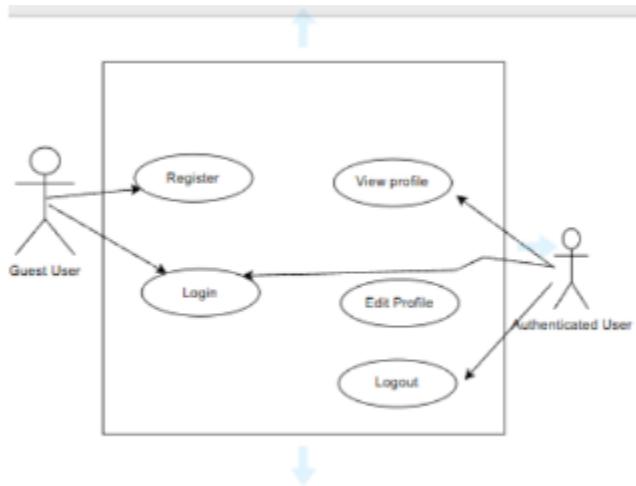
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

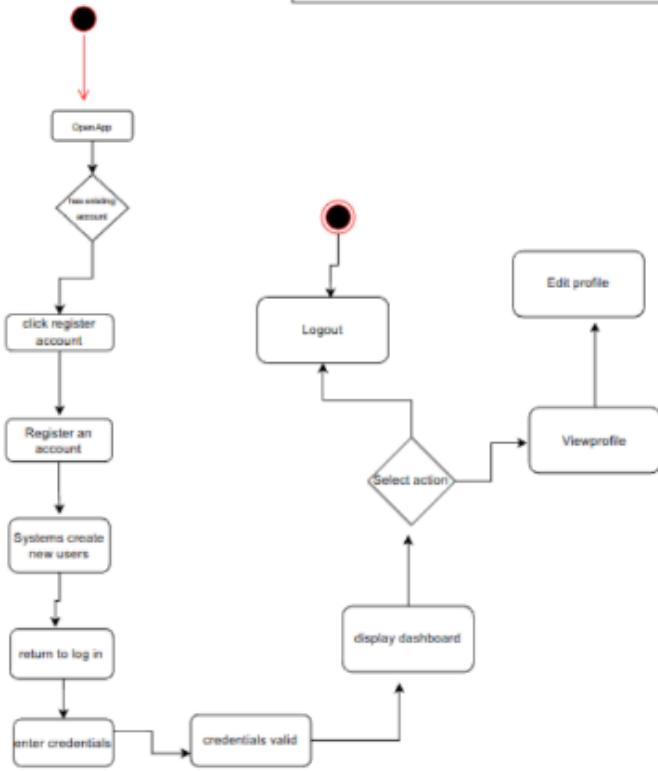
5.1. ERD

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.