****

**ADDIS ABABA SCIENCE AND TECHNOLOGY UNIVERSITY**

**College of Electrical and Mechanical Engineering**

**Department of Software Engineering**

**Software Requirements Engineering**

### Deliverable Timeframe for Mental health case management system

|  |  |
| --- | --- |
| Name | ID |
| Elshaday Dereje | 0243/12 |
| Ermias Tiruneh | 0251/12 |
| Ermias Siraye | 0253/12 |
| Estifanos Gashawtena | 0260/12 |
| Eyobed Mesfin | 0271/12 |
| Eyuel Ketema | 0280/12 |
| Keti Yohannes | 0396/12 |
| Mintesnot Markos | 1025/12 |

Submitted to: Mr. Behailu Getachew

The topic of our project is "Mental Health Case Management System," and the expected delivery timeline is divided into four sections below ,each with a specific task listed below.

**Phase 1 (May 24 - June 4)**

-**Task1:** Generating One potential Feature

-**Task2:** Generating one or more scenarios for features identified in Task1.

-**Task3:** Identifying Primary and Secondary actors and their corresponding use case descriptions that show functional stereotypes with proper notations.

-**Task4:** Drawing a use case model that describes each of the use case staff with clear verbal explanations and interpretation

**Phase 2 (May 6 – May 13)**

-**Task 1:** Defining the scope and application domain

-**Task 2:** Deciding which strategies, approaches, and tools to use.

-**Task 3:** Definition and organization of requirements

-**Task 4:** Identifying Functional and Non-functional requirements

-**Task 5:** Defining external interface requirements

**Phase 3 (May 14 - May 23 )**

- **Task 1:** Partition the system design into components that can meet the system requirements

- **Task 2:** Construct a collaboration diagram to illustrate interaction among subsystems

- **Task 3:** Specify a system's data structures and how they are stored in a database.

- **Task 4:** Select a preferred resources that satisfies the system requirements and maximizes the system’s security and effectiveness.

**Phase 4 (May 24 - June 4)**

- **Task 1:** Design classes and objects, their attributes, methods, associations, and structure

- **Task 2:** Modeling objects

- **Task 3:** Design interrelation of classes

-**Task 4:** Modeling solution domain objects

- **Task 5:** Packaging classes