ST10353910

Lesego Sithebe

Project plan

Week 1: Project Initialization

Week 2: System Design

Weeks 3-5: Development

Week 6: Testing

Week 7: Deployment and Documentation

1. Project Initialization (Week 1)

Task 1.1: Kickoff Meeting

Description: Discuss project goals, scope, and deliverables with stakeholders.

Dependencies: None

Duration: 1 day

Task 1.2: Requirements Gathering and Analysis

Description: Gather and document detailed requirements for the CMCS.

Dependencies: Task 1.1

Duration: 2 days

Task 1.3: Project Planning and Setup

Description: Develop a detailed project plan, set up version control (e.g., Git), and configure the development environment.

Dependencies: Task 1.2

Duration: 2 days

The week 1 is done as the necessary information has been collected and grouped together.

1. System Design (Week 2)

Task 2.1: UI/UX Design

Description: Design wireframes and mockups for user interfaces.

Dependencies: Task 1.3

Duration: 3 days

Task 2.2: Database Design

Description: Define database schema and relationships for storing claims, user data, and documents.

Dependencies: Task 1.3

Duration: 1 day

Task 2.3: System Architecture Planning

Description: Develop the system architecture, including component interactions and data flow.

Dependencies: Task 2.1, Task 2.2

Duration: 1 day

Week 2 is done also on part 1 database design infrom of uml has been done, mock interface has also been done.

1. Development (Weeks 3-5)

Task 3.1: Frontend Development

Description: Implement the user interface based on design mockups.

Dependencies: Task 2.1

Duration: 1 week

Task 3.2: Backend Development

Description: Develop the core functionality, including claim processing, calculations, and approval workflows.

Dependencies: Task 2.3

Duration: 1.5 weeks

Task 3.3: Database Integration

Description: Connect the backend to the database and implement data access logic.

Dependencies: Task 2.2, Task 3.2

Duration: 3 days

Task 3.4: Document Upload Feature

Description: Implement functionality for uploading and managing supporting documents.

Dependencies: Task 3.2

Duration: 3 days

This part of the project will commence as from the week of 09 september going forward .

1. Testing (Week 6)

Task 4.1: Unit Testing

Description: Test individual components and functions to ensure they work as expected.

Dependencies: Task 3.1, Task 3.2, Task 3.3

Duration: 2 days

Task 4.2: Integration Testing

Description: Test the interaction between different components to ensure seamless integration.

Dependencies: Task 4.1

Duration: 2 days

Task 4.3: User Acceptance Testing (UAT)

Description: Conduct testing with end-users to validate functionality and gather feedback.

Dependencies: Task 4.2

Duration: 3 days

Also this part will commence from the week of 16 september 2024

Deployment (Week 7)

Task 5.1: Deployment Preparation

Description: Prepare deployment scripts, set up hosting environment, and configure the application.

Dependencies: Task 4.3

Duration: 2 days

Task 5.2: Go-Live

Description: Deploy the prototype to the production environment and conduct final checks.

Dependencies: Task 5.1

Duration: 1 day

This will commence by the week of 24 septermber 2024 going forward.

1. Documentation and Reporting (Week 7)

Task 6.1: Technical Documentation

Description: Create documentation for the code, system architecture, and deployment instructions.

Dependencies: Task 5.2

Duration: 2 days

Task 6.2: User Manuals

Description: Develop guides for end-users on how to use the CMCS.

Dependencies: Task 5.2

Duration: 1 day

Task 6.3: Final Project Report

Description: Compile a report summarizing the project, including objectives, process, and outcomes.

Dependencies: Task 6.1, Task 6.2

Duration: 1 day

This part of the project will commence from the week of 30 september going forward . The system should be done within the due time which is 24 october. Futher instructions will be added on the project after submitting part 2.