**Project Name:**

First Aid Information System

**Project Sponsor:**

Dr. Mohamed Abdullah

**Project Manager:**

Eng. Ziad Ahmed

**Date:**

May 1, 2025

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**Project Purpose and Justification:**

This project aims to develop an integrated information system for managing first aid cases in educational and healthcare institutions. The system will enable digital case recording and tracking, improve response speed, and support data-driven decision making.

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**Project Description:**

The project involves developing a web system and mobile application that allows users to record first aid cases, document taken procedures, manage medical supply inventory, and generate case and consumption reports.

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**Project Objectives:**

· Develop and deploy the system by November 30, 2025

· Achieve system implementation in 10 institutions as a first phase

· Reduce case recording time by 50%

· Ensure 99% accuracy of recorded data

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**Deliverables**:

Fully functional web system and mobile application.

Comprehensive user manual.

Inventory management and reporting system.

Online training modules.

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**Milestones & Timeline:**

· Requirements gathering: May 2025

· Initial design: June 2025

· Development: July - September 2025

· Testing: October 2025

· Deployment & training: November 2025

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**Technical Requirements:**

· Platform: Web application and mobile (Android & iOS)

· Database: MySQL or PostgreSQL

· Performance: Support 500 concurrent users

· Security: Data encryption, access control

· Integration: API interfaces with hospital systems

· Interface: Simple and user-friendly for medical staff

· Offline Mode: The mobile application will support offline functionality. Users can record and access first aid cases without an active internet connection. Data will be automatically synchronized once online.

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**Limits and Exclusions:**

· The system does not include medical diagnosis of cases

· Does not include delivery of medical supplies

· Integration limited to local systems

· Training limited to pre-recorded materials

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**Approval:**

Project Sponsor: ------------------- Date:------------------ .

· Project Manager: ------------------ Date:------------------