**Project Name:**

**First Aid Information System**

**Project Sponsor:**

**Dr. Mohamed Abdullah**

**Project Manager:**

**Eng. Ziad Ahmed**

**Date:**

**May 1, 2025**

**Project Purpose and Justification:**

To develop an integrated information system that enhances the management of first aid cases in educational and healthcare institutions. The system aims to improve the accuracy and speed of emergency responses by enabling digital recording, tracking, and reporting of first aid incidents. It will also provide valuable data insights to support safety management and informed decision-making.

**Project Objectives:**

* Develop and deploy the system by **November 30, 2025**.
* Implement the system in **10 institutions** during the first phase.
* Reduce manual case recording time by **50%**.
* Achieve **99% accuracy** in recorded data.

**Scope Description:**

**In Scope:**

* Development of a **web application and mobile app (Android & iOS)**.
* Case recording, tracking, and reporting functionalities.
* Inventory management for medical supplies.
* Generation of case and usage reports.
* Training materials and online learning modules.

**Out of Scope:**

* Automatic medical diagnosis or treatment recommendations.
* Physical delivery or logistics of medical supplies.
* Integration with non-partner or external systems.
* Live on-site training sessions (limited to recorded materials).

**Deliverables:**

* Fully functional **web and mobile system**.
* **User manual and documentation**.
* **Inventory management and reporting modules**.
* **Online training materials** for staff.

**Constraints:**

* Project must be completed by **November 30, 2025**.
* Budget limited to **EGP 20,000**.
* Must use only approved tools and technologies.
* Maximum of **500 concurrent users** supported.

**Assumptions:**

* All necessary resources (personnel, hardware, software) will be provided on time.
* Stakeholders will actively participate in all meetings and testing phases.
* Institutional support and permissions will remain consistent during development.

**Exclusions:**

* No direct patient diagnosis or medical advice features.
* No integration with external or commercial medical platforms.
* No advanced analytics dashboards in the initial release.

**Acceptance Criteria:**

* System successfully passes **functional and user acceptance tests**.
* Recorded case data accuracy exceeds **99%**.
* Security protocols (data encryption and access control) are fully implemented.
* Training materials are reviewed and approved by stakeholders.

**Stakeholders:**

* **Sponsor:** Dr. Mohamed Abdullah
* **Project Manager:** Eng. Ziad Ahmed
* **Development Team:** Web, Mobile, and Database Developers
* **End Users:** Medical and administrative staff in institutions
* **Support Team:** System administrators and IT support

**Approval:**

**Project Sponsor:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Date:** \_\_\_\_\_\_\_\_\_\_\_\_  
**Project Manager:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Date:** \_\_\_\_\_\_\_\_\_\_\_\_