Project Brief:

Hospital Management System for Esoft Hospitals

1. Project Title: Esoft Hospitals Management System (EHMS)

    Description:

    The Esoft Hospitals - HMS is the final project undertaken by Group C. The project involves the development of a simple Hospital Management System for the imaginary hospital "Esoft Hospitals." The HMS aims to streamline hospital operations and improve overall efficiency by providing a user-friendly interface for managing various aspects of the hospital.

2. Objectives:
    - Develop a simple and user-friendly Hospital Management System for Esoft Hospitals.
    - Create a system with essential modules for patient records, emergency management, inventory, staff management, tests, and billing.
    - Enable secure access through a login form to ensure data confidentiality.
    - Implement database connectivity for CRUD operations using SQL Server.

3. Scope:
    - EHMS will include a login form for user authentication.
    - The main form will consist of a side menu with buttons leading to modules such as overview, records, emergency, inventory, staff, tests, and billing.
    - Each module will have a child form with options relevant to its functionality.
    - Database connectivity will allow users to create, update, delete, and read records efficiently.

4. Key Deliverables:
    - Completed Hospital Management System with functional modules.
    - User manuals for login, overview, records, emergency, inventory, staff, tests, and billing modules.
    - Technical documentation detailing the technology stack and database schema.

5. Timeline:

    Start Date: 11/26/2023

    End Date: 12/17/2023

Milestones:

- Week 1: System design and database setup
- Week 2: Module development and integration
- Week 3: Testing, debugging, and documentation

6. Budget:

- The project will be developed using free and open-source technologies, ensuring minimal costs.

7. Constraints and Assumptions:

- The system will be a simplified version suitable for the final project.
- Team members assume responsibility for specific modules based on their skills.

8. Risks and Mitigation:

- Potential risks include technical challenges and time constraints.
- Regular team meetings and progress assessments will be conducted to identify and mitigate risks.

9. Approval:

The project team requests approval for this project brief from the course lecturer and welcomes any feedback or suggestions to enhance the success of the EHMS development. Contact details for each team member are provided for further inquiries.

A presentation will be scheduled to discuss the project scope, objectives, and deliverables.

Approved:

Date: ……………………..   Signature: ……………………..

10. Contact Information:

Project Team Members:

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