Software Construction & Development Lab
Project Proposal

Teacher Name: Sir Fayyaz Khan
Project Team Members

S #	Reg #	Name	Role
1.	13952	M.Irteza Waseem	
2.	13948	Hashir Ahmed	
3.	13694	Abdullah	

Project Name:
Contact Management System

Problem Statement:

Managing personal and professional contacts is often inefficient due to disorganized data, limited accessibility, inadequate features, and security concerns in existing tools. Traditional methods like spreadsheets or basic phone contact lists fail to provide advanced functionalities, seamless access, and robust security.

Description:

We want to create a contact management system for our project. As mentioned, it will take input from user Such as; 1) Name 2) Father Name 3) Gender 4) Email Address 5) Multiple contact number etc. Talking about the features of this system, this application will be designed so you can provide information details in the given field accordingly, then calculate and store the data of each field in the table. The system handles every type of exception. Moreover, the user can also sort the data as per their need and edit the info details of any data. The interface and code will be very easy to use so the user does not face any difficulties while using our application.

Project Title:
Contact Management System

Date: 25/10/2024

OVERVIEW:
The Contact Management System (CMS) is a centralized platform designed to simplify storing, organizing, and accessing contact information. With features like categorization, reminders, tagging, and multi-platform synchronization, it ensures seamless, secure, and updated contact management. The system addresses common challenges like disorganization and duplication, enhancing productivity and user experience.

GOALS:
➢ Create a centralized, secure, and scalable platform for managing contact information.
➢ Enable multi-device accessibility with real-time synchronization.
➢ Provide advanced features like categorization, reminders, and analytics.
➢ Ensure data security and user-friendly navigation while enhancing efficiency and accuracy.
➢ Develop a robust system capable of handling large databases and supporting future enhancements.

SPECIFICATIONS:
➢ **Core Features:**
- Manage contacts (add, edit, delete, search).
- Organize and categorize contacts.

➢ **User Interface:**
- Simple forms for contact entry and display.
- Search and filter options for easy navigation.

➢ **Database:**
- Stores contact data (e.g., name, phone, email) in a relational database SQLite Database Server.

➢ **Security:**
- User authentication and data encryption (optional).
- Input validation and error handling for correct data entry.

➢ **Technology:**
- Developed in C# with Windows Forms, using SQLite database backend.

MILESTONES:

- ➢ **Requirements Gathering (2-3 days)**: Finalize project requirements and planning.
- ➢ **System Design (2-3 days)**: Design architecture, UI/UX, and database schema.
- ➢ **Development Phase 1 (3-4 days)**: Implement core features (contact management, basic UI).
- ➢ **Testing (2-3 days)**: Improve UI design, conduct testing, and fix bugs.
- ➢ **Deployment & Maintenance (Ongoing)**: Deploy the system and provide ongoing support.

These milestones ensure structured development and successful delivery of the system.