Sharif College Of Engineering & Technology
Department Of Computer Science

Programming Fundamentals
Project Proposal

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Address Book

A Console Based Contact Manager in C++

Introduction

Address Book is a simple yet powerful console based application that allows users to manage their contact efficiently. The main purpose of this project is to create a user friendly interface that allows users to add, edit, delete or search for contacts. The application will be built using the C++ programming language.

Features

- Add, edit and delete contacts
- Search for contacts by name, phone number or email address
- View contact details such as name, phone number, email address, and address
- Sort contacts by name or date added
- Import and export contacts in CSV format

Tools & Technology

- C++ programming language
- Code Blocks IDE

Deliverables

- Contact Manager application
- Source code
- User manual

Learning Outcomes

- Learning C++ concepts such as variables, functions, loops, arrays etc
- Improving problem solving skills
- Practicing software development practices
- Enhancing collaboration skills