**Phonebook**

Sytem

The Phone Management System (Contact Book) is designed in Code:: Block using GCC compiler. It is a simple C console-based project even beginners can give a try.

In this project, you can do the basic operations like in the mobile phonebook. The user can perform insert, modify, list, search and delete in this project. The file handling method and data structure are utilized for storing data and performing the basic phonebook operations in this application.

You can get a clear idea about basic concepts like functions, file handling, and data structure from this c project.

The options to add new records, listing, modifying, and delete is present in the main menu itself. A person's name, father's name, email id, phone number, etc are some of the personal records asked during the addition of records.

Module

#include<stdio.h>

#include<conio.h>

#include<string.h>

#include<stdlib.h>

#include<windows.h>

Interface

Used structure for interface.

struct person

{

char name[35];

char address[50];

char father\_name[35];

char mother\_name[30];

long int mble\_no;

char sex[8];

char mail[100];

char citision\_no[20];

};

Integration Testing

In this individual software, modules are combined and tested as a group.

Functions and Non-Functions

1. void menu() – This function is used to display the main menu.
2. void start() – This functions calls the menu function mentioned above.
3. void back() – This function is used to go back to start.
4. void addrecord() – It adds a new Phonebook record.
5. void listrecord() – This function is used to view list of added records in file.
6. void modifyrecord() – This function is used to modify added records.
7. void deleterecord() – It deletes record from file.
8. void searchrecord() – It searches for added record by name.