MINI PROJECT ON CONTACT

MANAGEMENT SYSTEM

Submitted by

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Contents:

Introduction

The mini project 'Contact Management' is the sample project for managing contact details. The project aims at developing contact management systems using the C language that enables an organization to maintain its library. The project demonstrates the creation of a user interface of a system, without the use of C Graphics library. The application uses basic C function to generate menus, show message boxes and print text on the screen. To display customized text with colors and fonts according to application requirements, functions have been created in the application, which fetch the exact video memory addresses of a target location, to write text at a particular location. The application also implements the concept of structures to define the contact items. It also effectively applies the various C concepts such as file operations, looping and branching constructs and string manipulation functions.

Problem Statement

Nowadays professional contacts are large in number which is difficult to manage. Handling a large number of contacts by a professional manually is complex.

Project Description.

The contact management system is a simple mini project which helps the professional to manage their large number of contacts.In this one can add new contacts with information such as name, phone number,address and email. It lists the contacts stored in file with their respective contact details. One can also search the contacts based on name and phone number. The stored contacts can also be edited whenever changes are done and another feature of the contact management system is to delete the contacts which are not needed any more.

Requirements:

The system hardware can be of 4GB or 8GB RAM with 32 bit or 64 bit processor if the application is used in desktops or laptops. The same project can be implemented to the mobile phones with 1024MB RAM and 4GB internal memory.

Test plans

- To determine the scope and the risks that need to be tested and that are NOT to be tested.
- Documenting Test Strategy.
- Making sure that the testing activities have been included.
- Deciding Entry and Exit criteria.
- Evaluating the test estimate.
- Planning when and how to test and deciding how the test results will be evaluated, and defining test exit criterion.

- The Test artefacts delivered as part of test execution.
- Defining the management information, including the metrics required and defect resolution and risk issues.
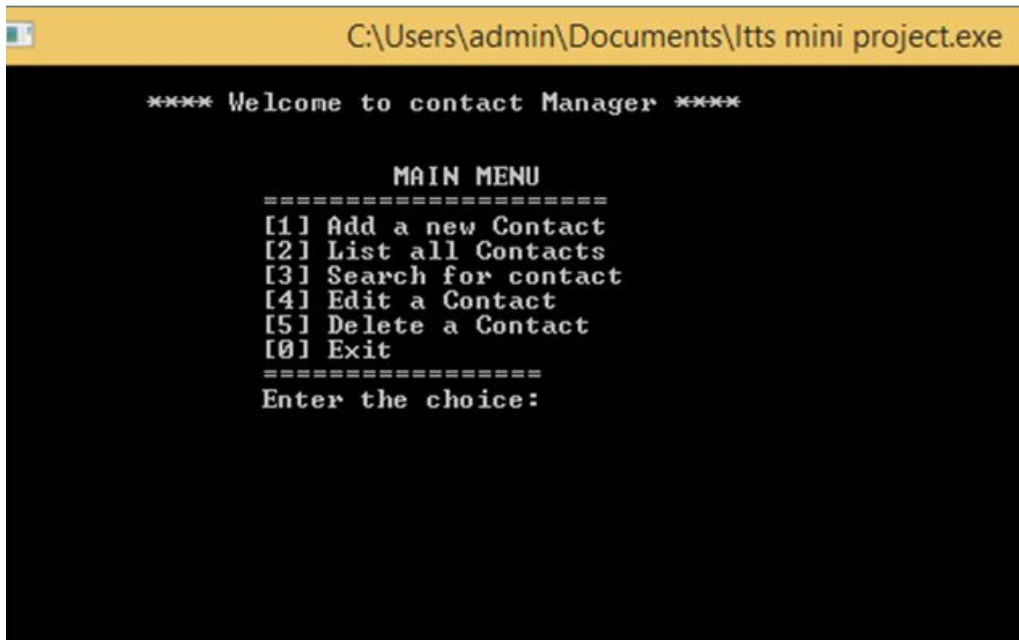- Ensuring that the test documentation generates repeatable test assets.

Test Cases

particulars	Result of test cases
Addition of new contact	pass
Listing of contacts	pass
Searching of contacts	pass
Editing of contacts	pass
Deleting the contacts	pass
Exit from the menu	pass

Expected results

The programme output should shows the options menu as

1. Add new contacts
2. List all contacts
3. Search for contacts
4. Edit contact
5. Delete contact
0. Exit

Output of the project

References :

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