

CONTACT MANAGEMENT SYSTEM

A MINOR PROJECT REPORT

*Submitted in partial fulfilment of the
Requirements for the Semester*

*By the students of
CSE w/s AI/ML :*

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Aim :

The mini project 'Contact Management System' is the sample project for managing contact details. The project aims at developing contact management system using the C language that enables an organization or an individual to manage all its contacts in 1 place.

Project Explanation :

The project is Contact Management System:

- The aim of this project is to write a program that lets the user to perform any activity related to contact books such as adding a contact, deleting the contact, editing a contact etc..
- The program takes in the user input specifying what he wants to perform and then displays the result.
- Finally, at the end the program will ask you to choose if you want to go to the main menu and perform more activities or if you want to exit the program.

Conclusion :

- The main purpose of contact management system is to record and organize contacts. This makes it easy for an individual to find a contact or to edit a contact easily. An algorithm and flowchart has also been created to explain the working of the code.
- As a whole, this project has been a great learning experience for us. We have gained knowledge about the various aspects of C programming which will help us in our future projects.

OVERVIEW :

```
Input : contacts [] = {"fforfreak" , "freaksquit" }
```

```
Query String = "freak"
```

```
Output : Suggestions based on "f" are
```

```
fforfreak
```

```
freaksquit
```

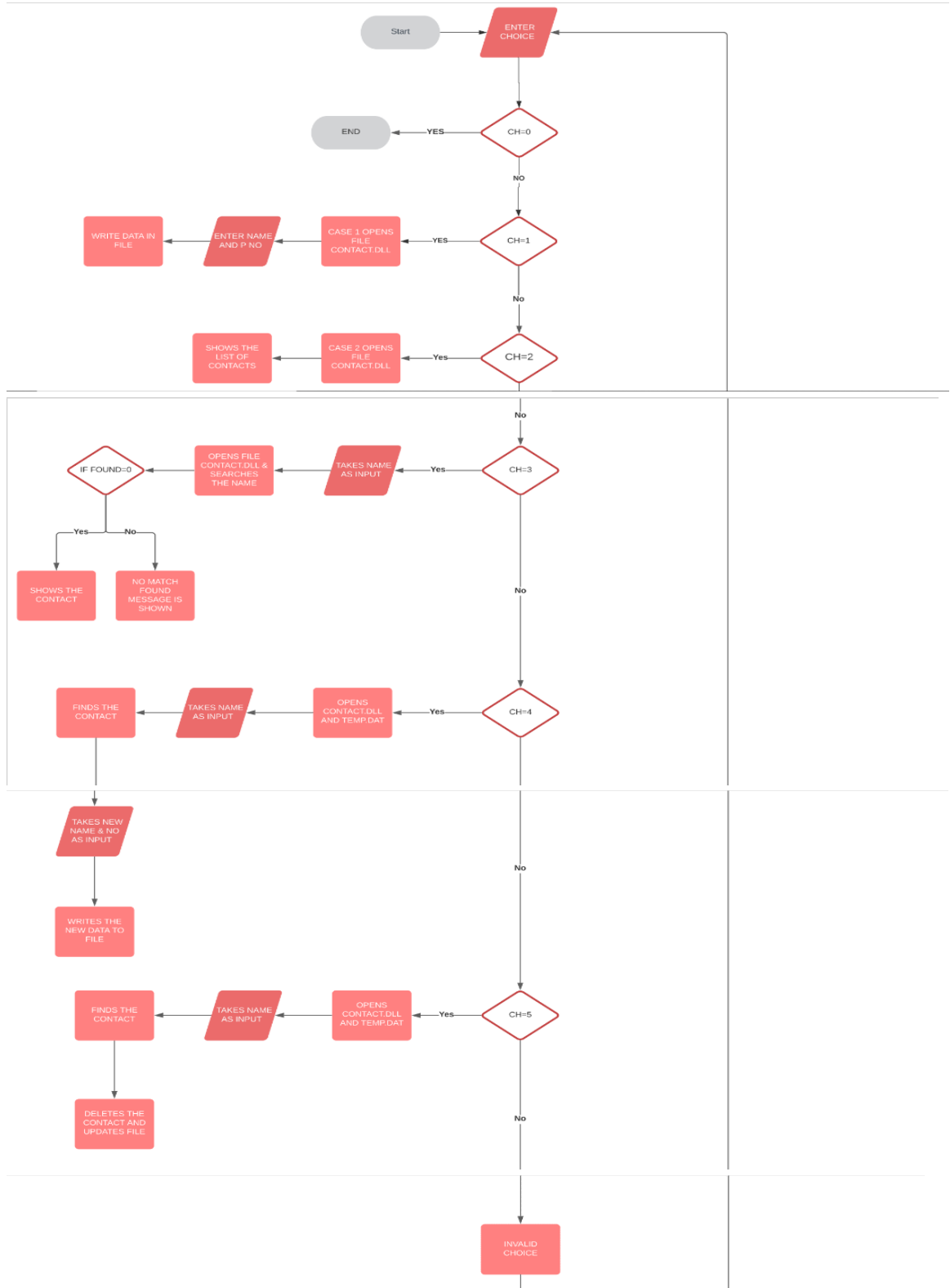
```
Suggestions based on "fr" are
```

```
freaksquit
```

```
No Results Found for "fra"
```

```
No Results Found for "frak"
```

Flow Chart :



Algorithm :

- Start the program.
- Include the required header files and .c files.
- Define the global variables and structure.
- Declare the functions along with the main functions.
- Declare all the necessary variables.
- Ask for an input (to make a choice from the main menu).
- If the user chooses to exit, ask if he wants to exit and exit.
- If the user chooses to add a new contact, ask for the name and phone number and save it.
- If the user chooses to view the list of contacts, show all the saved contacts.
- If the user chooses to search a contact, ask for the name of the contact if the name of the contact matches with any names in the list then display it if not then print 'No match found!' and ask if they want to try again, if yes then ask for the name, if no then exit.
- If the user chooses to edit the contact, ask for the name that they want to edit then ask them to enter the new name and number and save the new edited contact.
- If the user chooses to delete the contact, ask for the name that they want to delete and delete the contact.

- If the user has given the wrong choice then print invalid choice, ask to enter the choice and give an option to choose from going to the main menu or to exit if they choose main menu then show main menu, if they choose exit then exit the program, if they choose the wrong option then print invalid choice.
- End the program.

Project :

https://github.com/karanpargal/pps_project

https://github.com/AryanBhargavv/Contact_Management_System

https://github.com/DhruvSingh26/pps_mini_project

https://github.com/hridyamunjal/pps_project

SCREENSHOTS FROM GITHUB :

Karan Pargal :

The screenshot shows the GitHub repository page for 'karanpargal / pps_project'. The repository is public and has 1 branch (main) and 0 tags. The commit history shows a series of uploads and updates to files including Flowchart.pdf, Output1.png, Output2.png, README.md, contact management system.c, contact management system.exe, and contact.dll. The README.md file is visible, titled 'Contact Management System', with the subtitle 'Mini Project Work for the subject PPS'.

File	Commit Message	Time Ago
Flowchart.pdf	Added Flowchart	4 days ago
Output1.png	Add files via upload	6 days ago
Output2.png	Add files via upload	6 days ago
README.md	Update README.md	6 days ago
contact management system.c	Add files via upload	8 days ago
contact management system.exe	Add files via upload	8 days ago
contact.dll	Add files via upload	8 days ago

README.md

Contact Management System

Mini Project Work for the subject PPS

Aryan Bhargav :

The screenshot shows the GitHub repository page for 'AryanBhargav / Contact_Management_System'. The repository is public and has 1 branch (main) and 0 tags. The commit history shows a series of uploads to files including Flowchart.pdf, Output1.png, Output2.png, README.md, contact management system.c, contact management system.exe, and contact.dll. The README.md file is visible, titled 'Contact Management System', with the subtitle 'Mini Project Work for the subject PPS'.

File	Commit Message	Time Ago
Flowchart.pdf	Add files via upload	4 hours ago
Output1.png	Add files via upload	4 hours ago
Output2.png	Add files via upload	4 hours ago
README.md	Add files via upload	4 hours ago
contact management system.c	Add files via upload	4 hours ago
contact management system.exe	Add files via upload	4 hours ago
contact.dll	Add files via upload	4 hours ago

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Dhruv Singh :

DhruvSingh26 / pps_mini_projectPublic

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

main1 branch0 tags

Go to fileAdd fileCode

DhruvSingh26Add files via upload10e8fb41 hour ago2 commits

Flowchart.pdf	Add files via upload	1 hour ago
Output1.png	Add files via upload	1 hour ago
Output2.png	Add files via upload	1 hour ago
README.md	Add files via upload	1 hour ago
algorithm.txt	Add files via upload	1 hour ago
contact management system.c	Add files via upload	1 hour ago
contact management system.exe	Add files via upload	1 hour ago
contact.dll	Add files via upload	1 hour ago

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Hridya Munjal :

hridyamunjal / pps_projectPublic

<> Code

Issues

Pull requests

Actions

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Wiki

Security

Insights

mainpps_project / pps_project-main / pps_project-main /

Go to fileAdd file...

hridyamunjalAdd files via uploadec8f60220 minutes agoHistory

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Flowchart.pdf	Add files via upload	20 minutes ago
Output1.png	Add files via upload	20 minutes ago
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