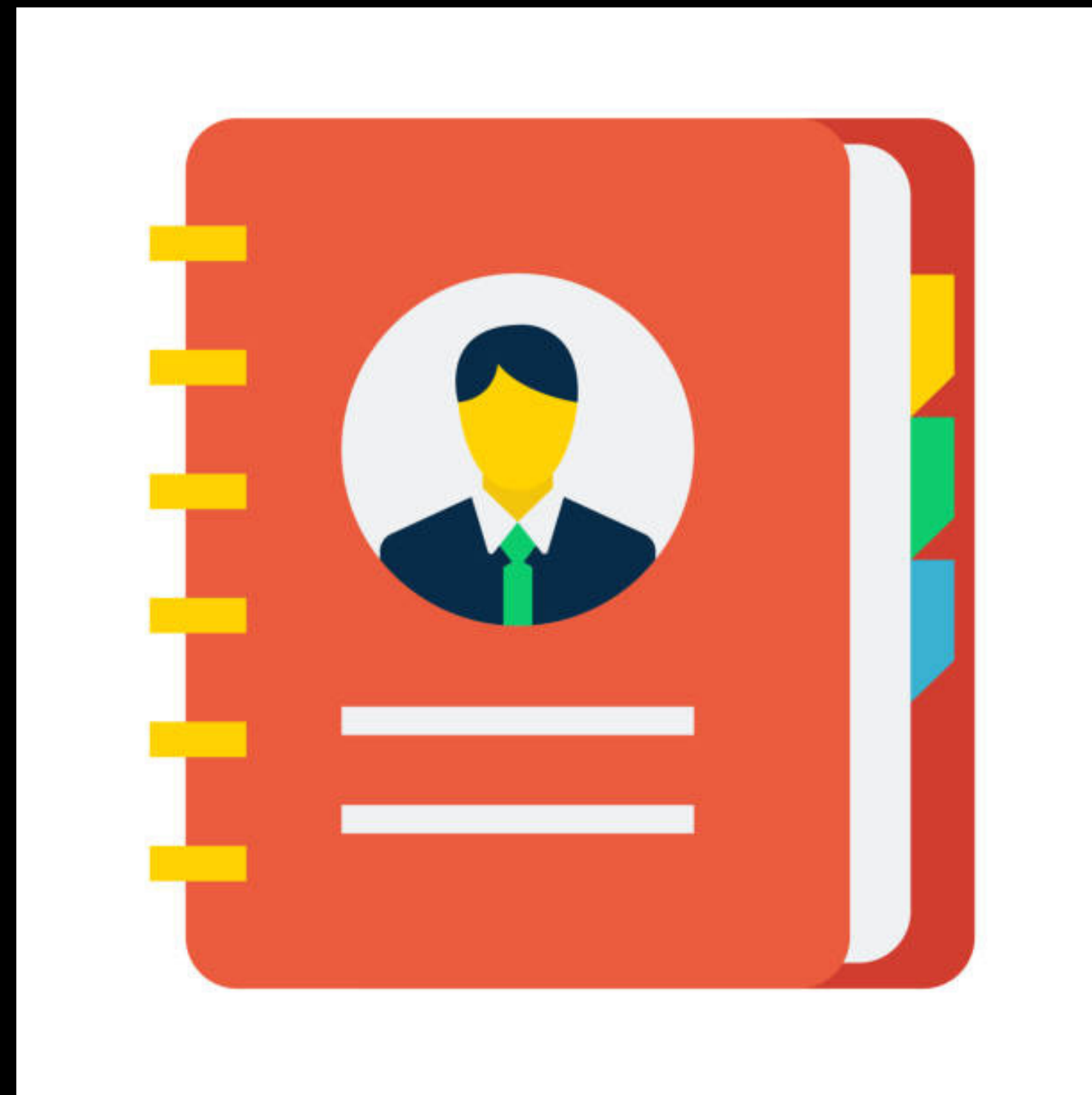


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PRESENTATION

CONTACT DIRECTORY



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ABSTRACT:

This project is designed and implemented to inform the user about a search query for the phone directory. This application uses to refer the contact details easily.

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INTRODUCTION:

As we all busy with our daily works, isn't easy to remember our family, friends and other details or contact numbers. so, our task is to implement a smartphone directory that collects contact data from the user until the user prompts the program to contact data refers to the contact's name, phone number, date-of-birth, a category that contact belongs to (Friends, Family, Work, Other), e-mail address. The user may enter as much data as he can in the mentioned data labels. If some labels remain void of data, store it as None. A name & the number is mandatory to create contact. Implement the following operations on the directory: Insert, Delete, Search, Display.

We have developed this project by using 8 functions, namely:

Initial _phonebook() : The first function to run, it initializes the phonebook.

Menu (): It displays the choices available to the user and returns the choice entered.

Add _contact (): It adds a new contact to the Contacts directory.

Remove _existing (): It removes an existing contact from the Contacts directory.

Delete _all (): It deletes all the contacts from the Contacts directory.

display_ all (): It displays all the contacts from the Contacts directory.

Search _existing (): It will search and display an existing contact in the Contacts directory.

Thanks ():

METHODOLOGY:

Step-1: Creating the contact book by using import SYS library.

Step-2: Setting up the contact book data base.

Step-3: Initialising the menu function to select the choices.

Step-4: Creating new contacts and then creating remove _existing function.

Step-5: We can search for the saved contacts.

Step-6: It will display all contacts and their details clearly

Step-7: We can delete the data by using existing contacts

Step-8: We can end this program by using thanks function displaying here.

To get the best results,
choose a topic that
interests you.

Input and output

```
input
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 1
Enter name: PAVANI
Enter number: 7330656529
Enter e-mail address: pavani_kandimalla@srmap.edu.in
Enter date of birth(dd/mm/yy): 22-06-2004
Enter category(Family/Friends/Work/Others): Friends
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 2
Please enter the name of the contact you wish to remove: PAVANI
['PAVANI', 7330656529, 'pavani kandimalla@srmap.edu.in', '22-06-2004', 'Friends']
```



```
input
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 1
Enter name: PAVANI
Enter number: 7330656529
Enter e-mail address: pavani_kandimalla@srmap.edu.in
Enter date of birth(dd/mm/yy): 22-06-2004
Enter category(Family/Friends/Work/Others): Friends
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 2
Please enter the name of the contact you wish to remove: PAVANI
['PAVANI', 7330656529, 'pavani_kandimalla@srmap.edu.in', '22-06-2004', 'Friends']
```

```
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 3
*****
                SMARTPHONE DIRECTORY
    You can now perform the following operations on this phonebook

1. Add a new contact
2. Remove an existing contact
3. Delete all contacts
4. Search for a contact
5. Display all contacts
6. Exit phonebook
Please enter your choice: 6
*****
Thank you for using our Smartphone directory system.
Goodbye, have a nice day ahead!

B
...Program finished with exit code 1
Press ENTER to exit console.
```




CONCLUSION:

At this point you should have a pretty good understanding about contacts directory uses and it helps you a lot, because you don't need to worry about this details.





SYSTEM REQUIREMENT:

Language used: python

Operating System: Windows 7 or above

Hardware Requirements:

Hard Disk: 256gb or above

Hard Disk Processor: intel i3 or above
core processor



THANK YOU

