Contact Management Book

➢ Overview of the Project

This is a terminal-based Python application that allows users to manage their personal contacts.

Users can add, view, search, and delete contacts using a menu-driven interface.

It is designed as a beginner-friendly project for learning Python functions, loops, and dictionaries.

➢ Features

- Add a new contact

- View all saved contacts

- Search for a specific contact by name

- Delete an existing contact with confirmation

- User-friendly menu interface

➢ Technologies / Tools Used

- Python 3
- Command-line interface (CLI)

➢ Steps to Install & Run the Project

- Make sure Python 3 is installed on your system.

- Save the project code in a file named `contact_book.py`.

- Open Terminal or Command Prompt.

- Navigate to the folder where the file is saved.

- Run the script using: python contact_book.py

➢ **Instructions for Testing**

- Run the script.

- Use option **1** to add multiple contacts.

- Use option **2** to verify that contacts are listed correctly.

- Use option **3** to test searching for existing and non-existing contacts.

- Use option **4** to delete a contact and confirm deletion.

- Try entering invalid menu numbers to test error handling.

➢ **Screenshots**

```
PS C:\Users\ASUS\OneDrive\Documents\GitHub\disease-prediction> & "C:/Progra
/OneDrive/Documents/GitHub/disease-prediction/vityarthicontactbook.py
Welcome to your Contact Book!

--- Contact Book Menu ---
1. Add Contact
2. View All Contacts
3. Search for a Contact
4. Delete a Contact
5. Exit
Choose an option (1-5): ▮
```

```
5. Exit
Choose an option (1-5): 1
Enter contact name: Saurav
Enter phone number: 09687465783
Contact 'Saurav' added successfully!

--- Contact Book Menu ---
1. Add Contact
2. View All Contacts
3. Search for a Contact
4. Delete a Contact
5. Exit
Choose an option (1-5): ▮
```