**CONTACT BOOK**

Project submitted to the

SRM University – AP, Andhra Pradesh

for the partial fulfillment of the requirements to award the degree of

**Bachelor of Technology/Master of Technology**

In

**Computer Science and Engineering**

**School of Engineering and Sciences**

Submitted by

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**[DECEMBER,2022]**

# Certificate

Date: 4-Dec-22

This is to certify that the work present in this Projectentitled “**CONTACT BOOK**” has been carried out by**TG 10**under my/our supervision. The work is genuine, original, and suitable for submission to the SRM University – AP for the award of Bachelor of Technology/Master of Technology in **School of Engineering and Sciences**.

**Supervisor**

Prof. / Mr.MohammadMiskeen Ali

Designation

Affiliation.

# Acknowledgements

“The pleasure that follows the successful completion of this project would remain incomplete without a word of gratitude for the people and without whose cooperation this project would remain incomplete. It is not mere formality to place a record the tireless efforts, ceaseless cooperation, constant guidance and encouragement of the people closely associated with the assignment but a distinct necessity for the ethnicity and readability of the project.”

The management theories learnt in this semester brought into practice. We have tried to make best use of their opportunity. The work bears the imprint of many persons under whom we did this project

We are thankful to our instructor Mr. Mohammad Miskeen Ali, for his scholarly guidance, advice and encouragement and also for providing necessary facilities to carry out the dissertion in prescribed period.

Finally, we are indebted to our course instructor and those people who had helped us in completing this project

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# Abstract

The project in the python that we are doing is contact book. This contact book application works specifically for tracking of others through their contact information. This contact book allows you to perform all the functions that we use in your mobile. You can add, delete, search, list and delete the contact book related records. It is a very simple project that helps you understand the basic concepts of functions, file handling. This contact book will teach you to add, delete, search and delete the data. The concept of functions, file is often used in this project. Adding new entries, searching for saved contacts and deleting the unnecessary contacts is one of the most important services in the contact book application. In older days we stored all our important contact details in books and papers. Here we proposed a new system using this application we can store all the details in central repository.System Requirement Specification

The project can be accessed or developed under this criterion only

SOFTWARE REQUIRMENTS:

Any Windows, Macintosh, Linux-based operating system with any IDLE containing Python version 3.5.4 or above

HARDWARE REQUIREMENTS: -

Hard disk drive: 100 GB and cloud data if needed

RAM: Minimum 2 GB

Processor: intel core i3 or AMD ryzen 3

**Requirements For Software Development**: Windows 7 or up are required.

The system must be connected via LAN and connection to internet is mandatory, only if you have cloud system or actually not necessary.

**Statement of Contributions**

**Jameer vali :** Responsible for Analytics,writing

**Sanjeet Chukka** : Responsible for Code simulation

**Vamshi Krishna** : Responsible for Data Handling ,Idea

**Imran Attar**: Responsible for Manuscript,Experiment work

# Abbreviations

OOP Object Oriented Programming

EOF End-of-file

ERP Enterprise Resource Planning

PVM Python Virtual Machine

PIP Package Installer for Python

UI User Interface

SQL Structured Query Language

CSS Cascading Style Sheets

**1.Introduction**

Contact book allows you to perform simple phone book operations like in your mobile .You can add ,list, search and delete phone related records and can store personal information.

Personal information, such as name, phone number, e-mail, is requested when you add a record to your contact book. These records can then be updated, entered, searched, and deleted. I’ve used a lot of functions in this mini-project. These functions are easy to understand since their name means just their respective operations.

This contact book management helps you understand the basic concepts of functions, file handling and data structure. This application will teach you how to add, list, modify or search and delete data to or from the file.

To design and implement a contact book management system to store complete information under single contact number

Complete Contact Book is an application based project. It is designed for people to store the information about their contacts. Rather than going through the pages of their diaries and copies to search a person information, a person can simply use this software to view any of his stored contacts.

A user can also add or update or delete the contact information according to his need. Big Organizations need to have this software in order to keep the records of thousands of his employees at one place without any paper work. Also registers maintained for this purpose can be left around, or can be destroyed in any accident, but in software no such problem will occur This software also provides an option to connect to facebook , it also provides the report , you can also view people through various groups

**2. METHODOLOGY**

We have used 2D list concept and implemented the same in Python. There are a total of 8 functions used in this code, 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() :** Simple function to thank users.

sys module methods:

**sys.exit():**

In particular, sys.exit("some error message") is a quick way to exit a program when an error occurs.

**3.Concluding Remarks**

Contact management is the best solution to track and manage contacts as it will present relevant information in a clear way which will help you work efficiently. Contact management is like a database with names, addresses, phone numbers, emails and all information regarding your contacts.

You will be able to keep track of every contact, update details regularly.

**4.Future Work**

The future of the contact management system is absolutely going digital. When enormous time, energy and resources are saved with smart networking platforms, holding on to the traditional system of managing your contacts is not an intelligent business move.

Key features of a modern contact management system or ‘Next-gen’ Address book are:

* A complete repository of all your contacts with the relevant information like address, email id, source of contact and other important information (includes who, when and where).
* Contact exchange solutions for easy and quick access to sharing business contacts.
* Built-in calendar to schedule and organize meetings, send reminders and enable follow-ups.
* Real-time messaging and chat options, facilitating productive interactions.
* Organized digital business card.

Gone are the days when business contacts were maintained in a diary or updated on an excel sheet in the computer

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