Title : CONTACT MANAGEMENT SYSTEM

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Abstract :

- This is a simple GUI based project which is very easy to understand and use. Talking about the system, it contains all the required functions which include adding, viewing, deleting and updating contact lists. While adding the contact of a person, he/she has to provide first name, last name, gender, address and contact details. The user can also update the contact list if he/she wants to. For this, the user has to double-click on a record that he/she wishes to edit. The system shows the contact details in a list view. And also the user easily delete any contact details.

- This GUI based Contact Management system provides the simplest management of contact details. In short, this projects mainly focus on CRM(Contact Relationship Management).

Keywords :

- Title
- Geometry
- Config
- stringVar
- Execute
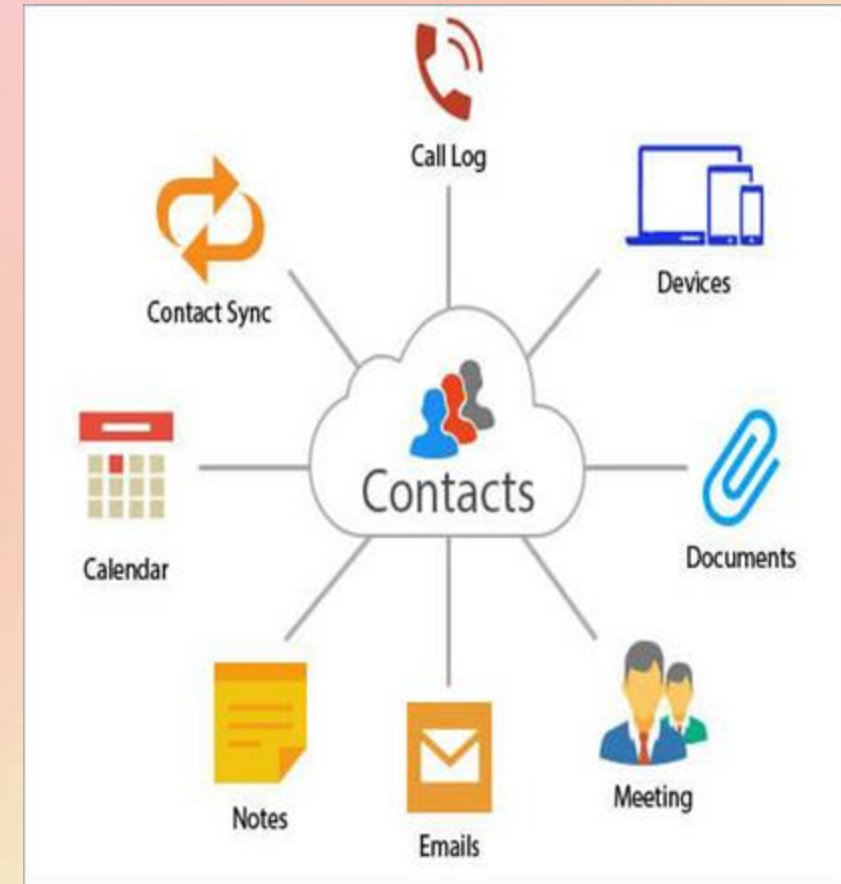- Insert
- Delete
- Close
- Grid
- label

Introduction :

- Contact Management System is an application that enables user to store new contacts , update them , delete them.

- The application provides facility to stores the detail of the employees and other persons that are associated with an organization.

Literature survey :

- To help people for better management their social contacts, a powerful social contact management tool named Social Contact Manager (SCM) is introduced

- We further develop an intelligent social contact manager that supports

- 1) auto-collection of rich contact data from a combination of pervasive sensors and Web data sources.

- 2) When human memory fails, use associative search of contacts.

- 3) User study on contact memory recall is also conducted, through which several findings about contact memorizing and recall are presented
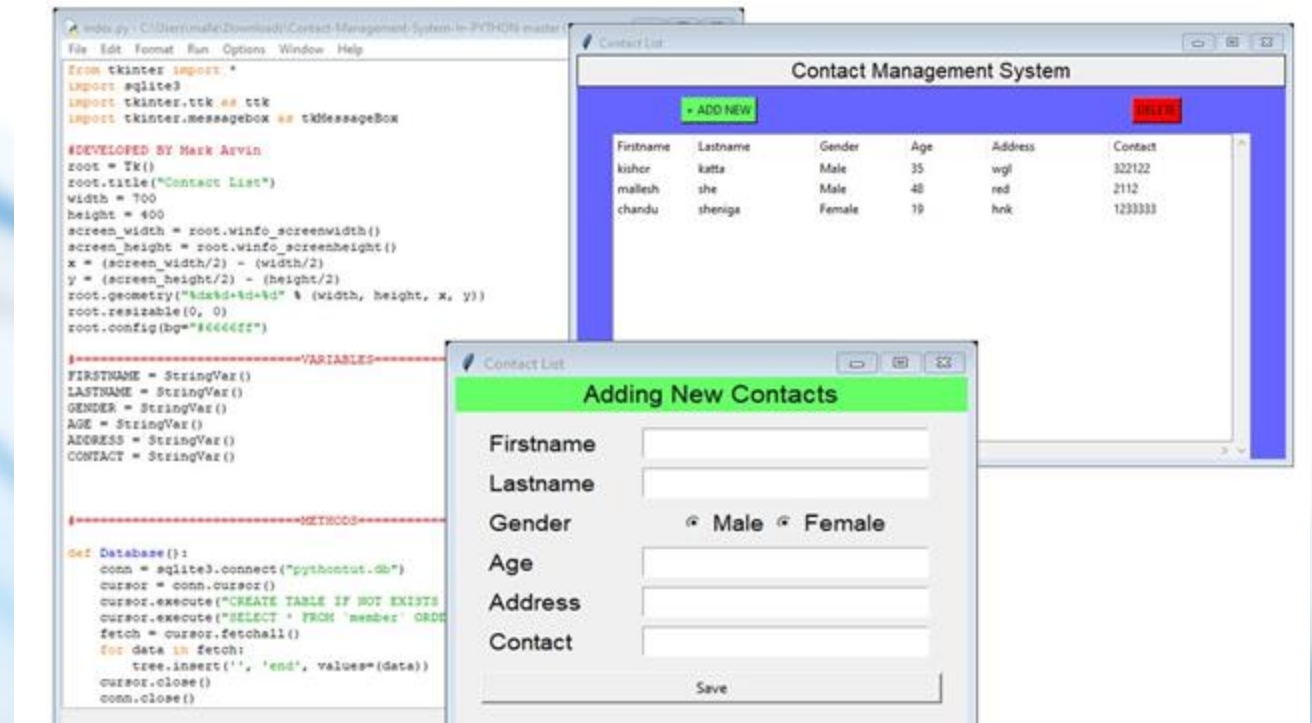
Proposed System:

- In this system we use python with database which are very convinenet.
- Programming in Python is arguably more efficient and faster compared to other languages.
- In many programming languages, the application developer needs to take care of the open and closed connections of the database, to avoid further exceptions and errors. In Python, these connections are taken care of.
- Python database APIs are compatible with various databases, so it is very easy to migrate and port database application interfaces

Adding and Deleting New Contact:

1. From the following GUI click on the Add New button.

2. It will redirects to a dialog box.

3. We have to enter the following fields like:

4. Firstname ,Lastname ,Genger , Age ,Address, Contact.

5. Save that record.

6. We can see that the record is added into the Contact Management System database.

7. Then select the record that we want to delete.

8. Click in Detete button and Confirm it.

9. The selected record will be deleted from the Contact management System.

Database:

- All the records of the contacts we can automatically save to database.

- This data will be safe and secured.

- We can also retrieve and edit the data

Research and Discuss:

We have used many modules such as:

➢ **Tkinter**– To create the GUI.

➢ **Tkinter.mSQLite3** – To connect the program to the database and store information in it.

➢ **essagebox** – To show a display box, displaying some information or an error or warning

➢ **Tkinter.ttk** – To create the tree where all the information will be displayed.

Conclusion and Future Scope :

- The **Contact Management System Project in Python** is a easy to understand **Graphical User Interface** based mission which may be very comprehensible and utilizes.

- Speaking about the system, it consists of all the referred to as for features that consist of adding the contact, viewing, doing away with and additionally upgrading contact lists.

- The next generation contact management solution needs to provide a few basic services: **portability**, **security**, and **syndication**

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- I thank teachers for their support an guidance in completing this project on the topic (CONATACT MANAGEMENT SYSTEM).
- I also thank my group members for giving support and inputs to complete this project in time.

References:

➢Help from internet , following websites have been used in the completion of this project.

1.Greek for geeks

2.Project worlds

Any Queries…?