Contact Details System

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Problem Statement: Python program to create contact detail system.

Abstract:

- Initially a window gets displayed which has two options to login and register. The project includes the password management system. A contact application is created.
- In this system, we are performing all the operations of adding, viewing, deleting, and updating contact lists.
- This GUI-based Contact Management system in Python provides the simplest management of contact details.
- While adding the contact of a person, he/she has to provide name, contact number and email address.
- The user can also update the contact list if he/she wants to. And also the user easily deletes any contact details.

Module Description:

- It is a program that can manage the list of contact information. The purpose of the system is to manage the contact details of a person. As well as, it provides privacy and security to that person's data.
- Also, the user can search for a contact as it contains a search method too.
- Tkinter library: used for graphical user interface.
- time module: Used to perform time related functions.
- Cryptography: cryptography is a package which provides cryptographic recipes and primitives to Python developers. Our goal is for it to be your "cryptographic standard library".

Features Covered:

- The system can be accessed with the use of login information.
- The project is a simple GUI application that uses the Tkinter module in order to create a design view.

- In order to search or add contact details, the person has to login with his/her username or password.
- If the searched contact is not saved in the list then "No contact found" message will be displayed.

Technology Selected and Technology features covered:

Tkinter, Cryptography, Fernet, time, json, csv
- Interface implemented: GUI (Graphical User Interface)
- IDE(used): PyCharm

References: geeks for geeks, stack overflow, youtube.

Click here to watch the video of the working of the project