

# Python project to insert user details

## How to run

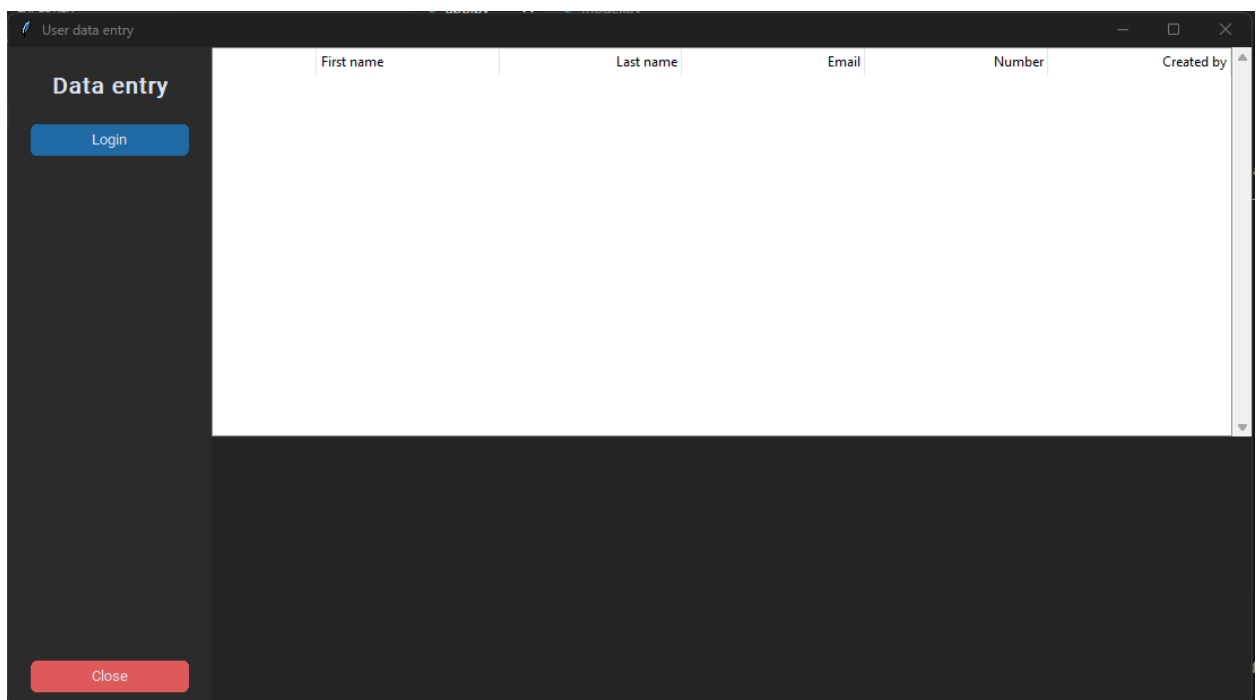
- Install latest version of python
- Run command `pip install -r requirement.txt`
- Run command `py app.py`

## 1. Initial screen

First user needs to login either it's admin or a contact.

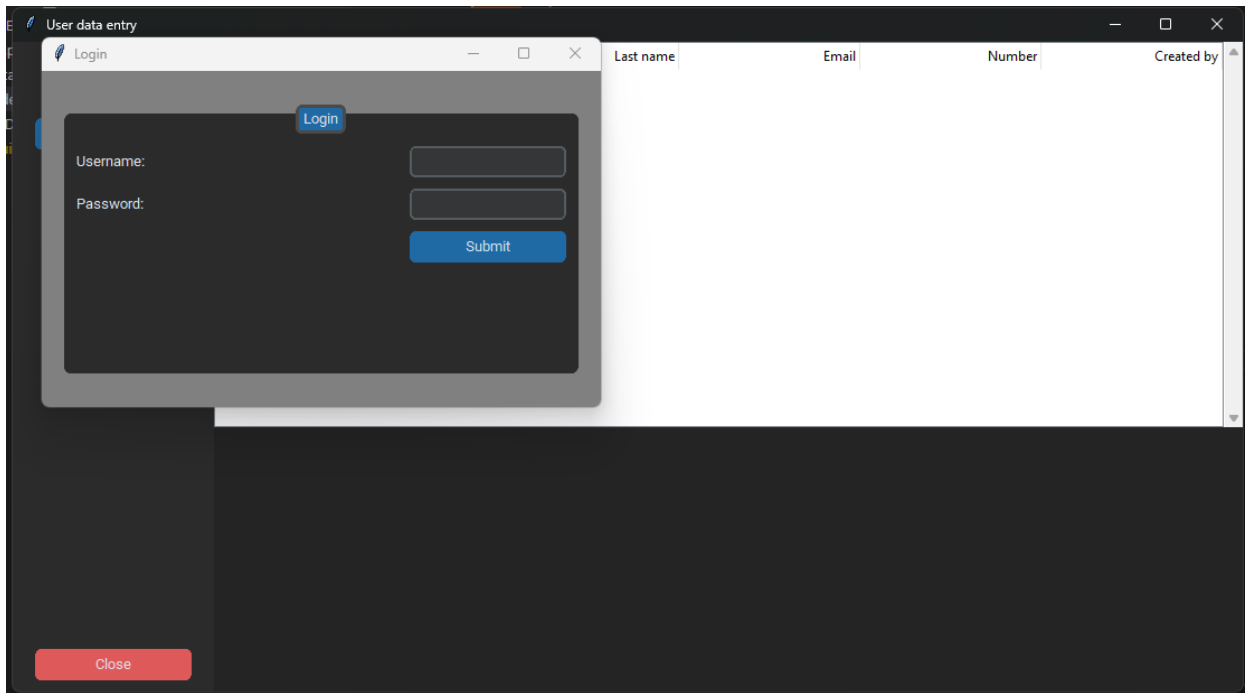
Admin username: admin

Admin password: admin

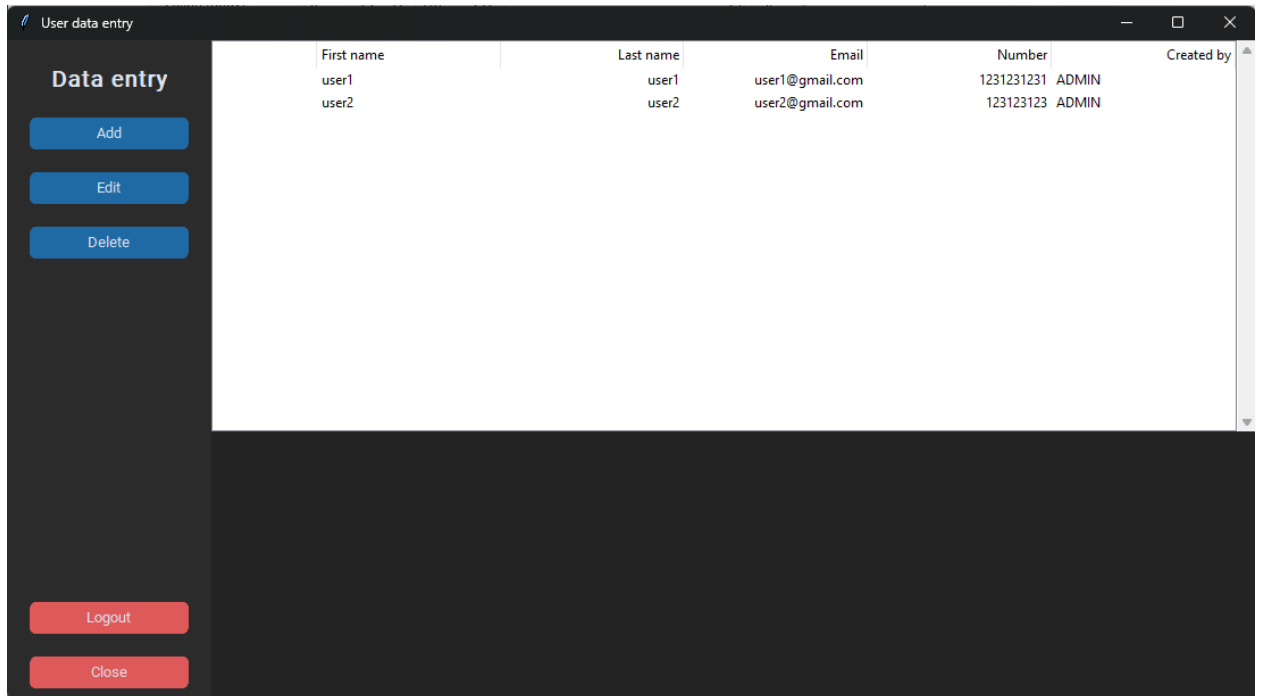


First name	Last name	Email	Number	Created by
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On click of Login, it will open a new window as given below to enter username and password

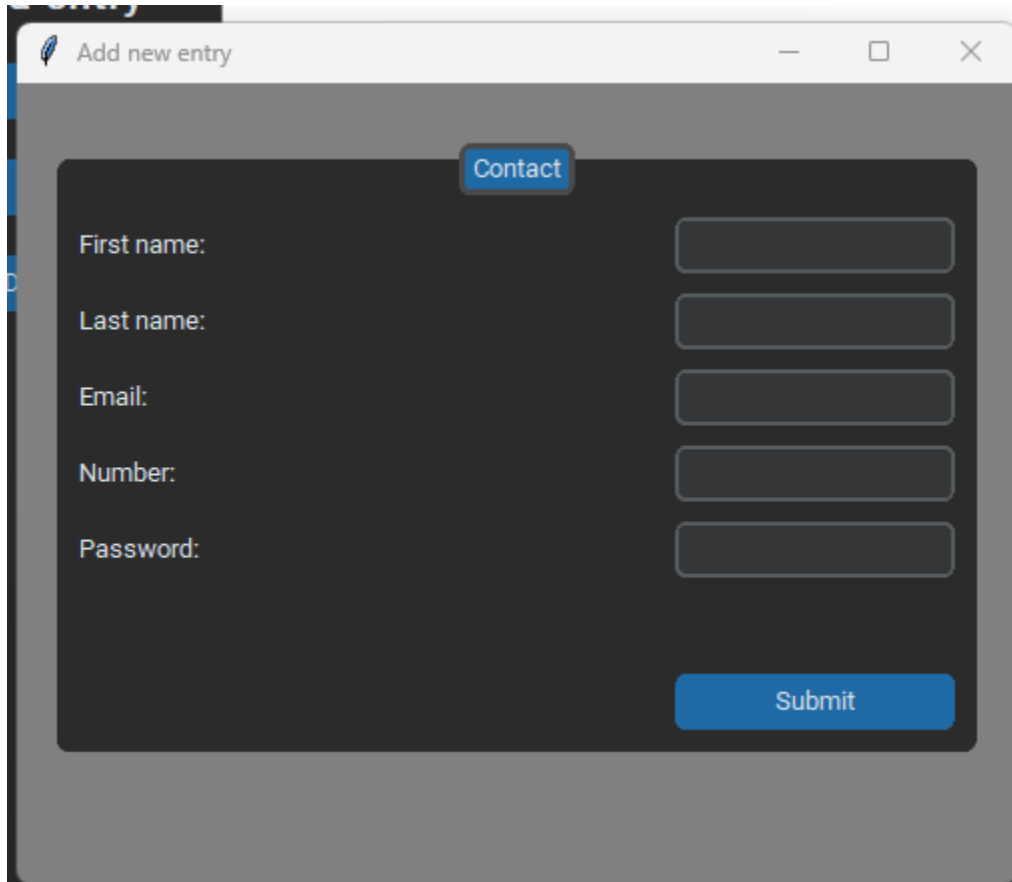


## 2. Dashboard view



After login, it will show all the records if it's admin otherwise it will show the data created by the user itself.  
Created by column shows who created the record.

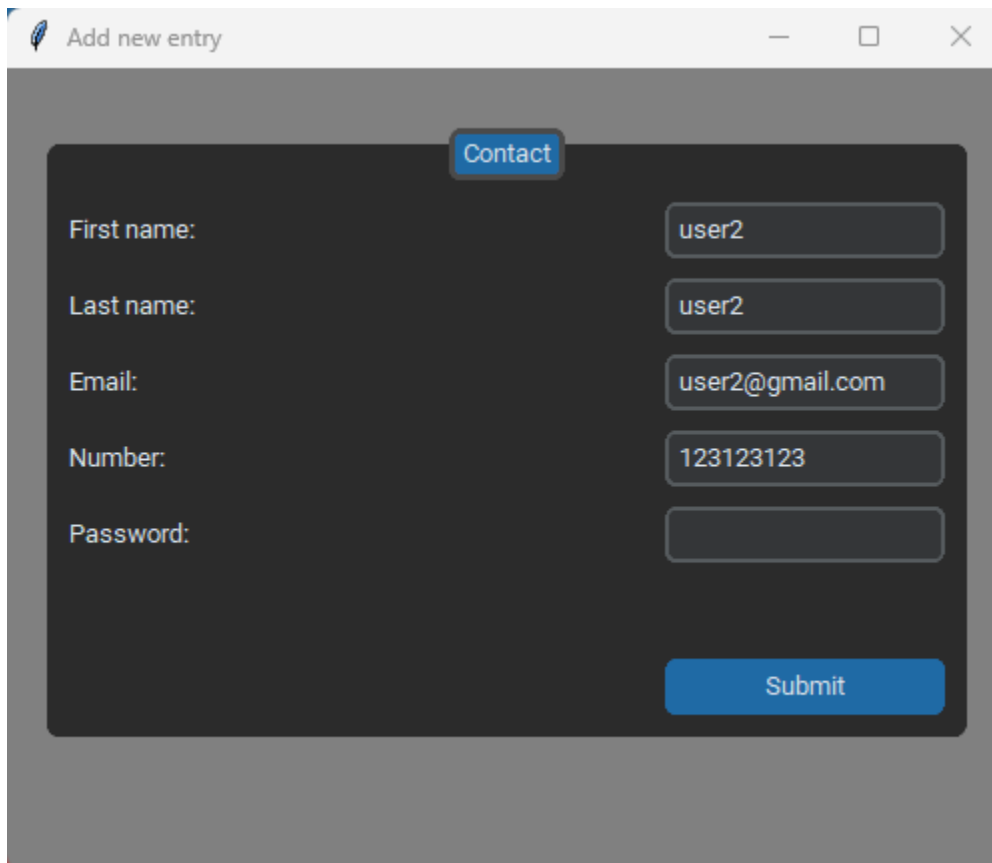
### 3. Add record



On click of Add, it will open a new window to add new contact which has Entry fields for Firstname, lastname, email, number, and password.

On click of submit it will validate the entries and check if user is already exists or not. Finally, it creates a new entry in the database and treeview to display the record.

#### 4. Edit record



The screenshot shows a web application window with the title bar 'Add new entry'. Inside the window, there is a dark-themed form area. At the top of this area is a blue button labeled 'Contact'. Below it are five input fields arranged vertically. The first four fields are labeled 'First name:', 'Last name:', 'Email:', and 'Number:', and contain the values 'user2', 'user2', 'user2@gmail.com', and '123123123' respectively. The fifth field is labeled 'Password:' and is empty. At the bottom right of the form area is a blue button labeled 'Submit'.

By selecting a record from the table and click on edit, it will open a new window to edit existing contact which has Entry fields for Firstname, lastname, email, number, and password.

On click of submit it will validate the entries and check if user is already exists or not. Finally, it update the record in the database and in treeview to display the updated record.

#### 5. Delete record

By selecting a record from the table and click on delete, it will delete the record from the database and the treeview.

#### 6. Logout

On click of logout, user will be logged out and login button will appear again. It will also hide all other buttons Add, Edit and Delete

## 7. Close

Close button will close the main window/program.

## 8. References

- Customtkinter library for better GUI.  
<https://github.com/TomSchimansky/CustomTkinter>
- Peewee library for ORM based model and queries  
<http://docs.peewee-orm.com/en/latest/>