

Read Me

Programming Language: Python

Modules/libraries used: PyQt5, sqlite3, datetime, smtplib, twilio.rest

Data Base: SQLite

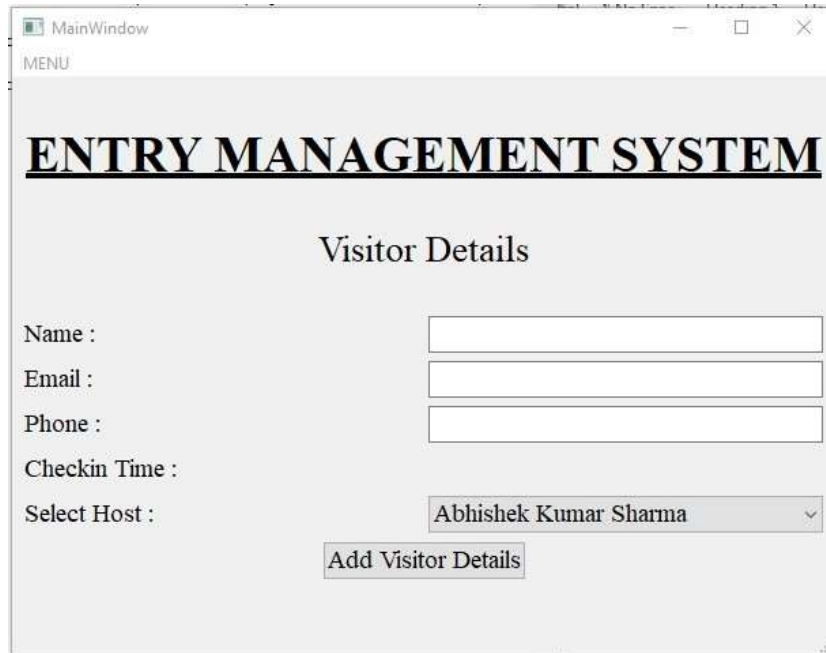
API: twilio api

Requisites:

- Python must be installed.
- Install PyQt5 using pip by typing “*pip install PyQt5*” and press enter.
- Install twilio using pip by typing “*pip install twilio*” and press enter

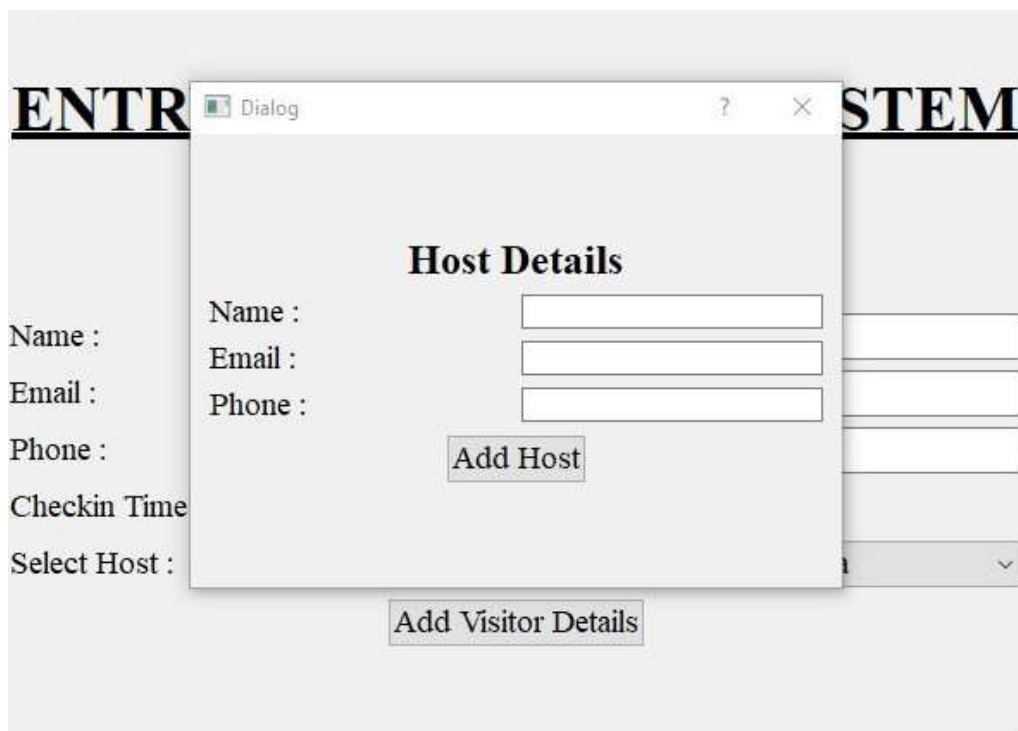
Execution:

- Run the *main.py* file. Add the details of visitors.



The screenshot shows a window titled 'MainWindow' with a menu bar. The main content area has a title 'ENTRY MANAGEMENT SYSTEM' in bold, underlined text. Below it is a section titled 'Visitor Details'. There are five input fields: 'Name', 'Email', 'Phone', 'Checkin Time', and 'Select Host'. The 'Select Host' dropdown menu is currently set to 'Abhishek Kumar Sharma'. At the bottom right of the form is a button labeled 'Add Visitor Details'.

- Add a new host detail.



The screenshot shows the same 'MainWindow' as before, but with a 'Dialog' window titled 'Host Details' open in the foreground. The dialog has three input fields: 'Name', 'Email', and 'Phone', and a button labeled 'Add Host'. The background window is partially obscured by the dialog.

- Checkout the pending visitors.

Pending Visitors

Select Visitor :

Address Visited :

Checkin Time :

Checkout Time :

- Check the visited visitor history.

	Name	Email	Phone	Checkin Time	Checkout Time	address Visited	Host N
1	tutu	abhi.bp143c...	272	13:53	14:26	fd	Abhishek Kumar St
2	cjzh	abhi.bp143c...	hf	jsb	14:10	eof	kdjh
3	basu	abhi.bp143c...	1234567890	14:29	14:31	office	Abhishek Kumar St

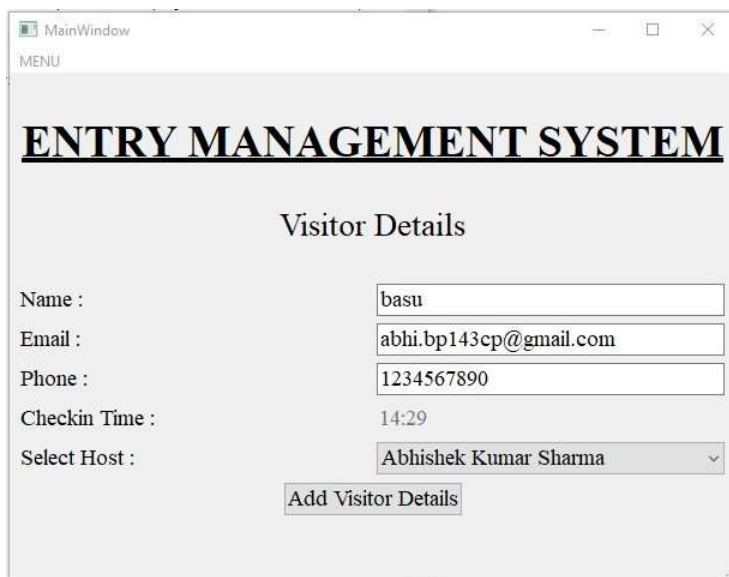
Important Notice

As I used trial version of twilio api so I can send SMS to only that number which is added in twilio account and number of SMS are also limited.

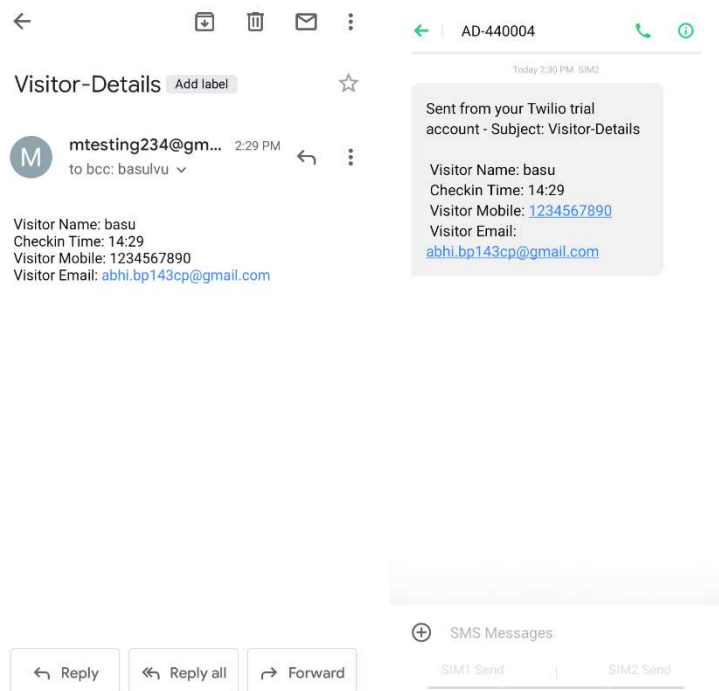
If you want to check the compatibility of the code, you can login on twilio.com with **email** basulvu@gmail.com and **password** “As@@3398151128” and visit “<http://twilio.com/user/account/phone-numbers/verified>”. Add your number there.

If you did not find email in inbox then check your spam box.

SMS and email sending code is fully functional.



The screenshot shows a web application window titled 'MainWindow'. Inside, there's a 'MENU' bar and a main heading 'ENTRY MANAGEMENT SYSTEM'. Below this, the 'Visitor Details' section contains a form with the following fields: 'Name' (filled with 'basu'), 'Email' (filled with 'abhi.bp143cp@gmail.com'), 'Phone' (filled with '1234567890'), 'Checkin Time' (filled with '14:29'), and 'Select Host' (a dropdown menu with 'Abhishek Kumar Sharma' selected). At the bottom of the form is a button labeled 'Add Visitor Details'.



MainWindow

Dialog

Pending Visitors

Select Visitor :

basu

Address Visited :

office

Checkin Time :

14:29

Checkout Time :

15:29

Checkout Now

←

📎

🗑

✉

⋮

Today-Visit

Inbox

☆

M

mtesting234@gm...

3:29 PM

←

⋮

to ▾

Name: basu

Phone: 1234567890

Checkin Time: 14:29

Checkout Time: 15:29

Address Visited: office

Host Name: Abhishek Kumar Sharma

↩ Reply

↩↩ Reply all

➡ Forward