

SUMMERGEEKS 2020, INNOVACCER

ENTRY MANAGEMENT SYSTEM

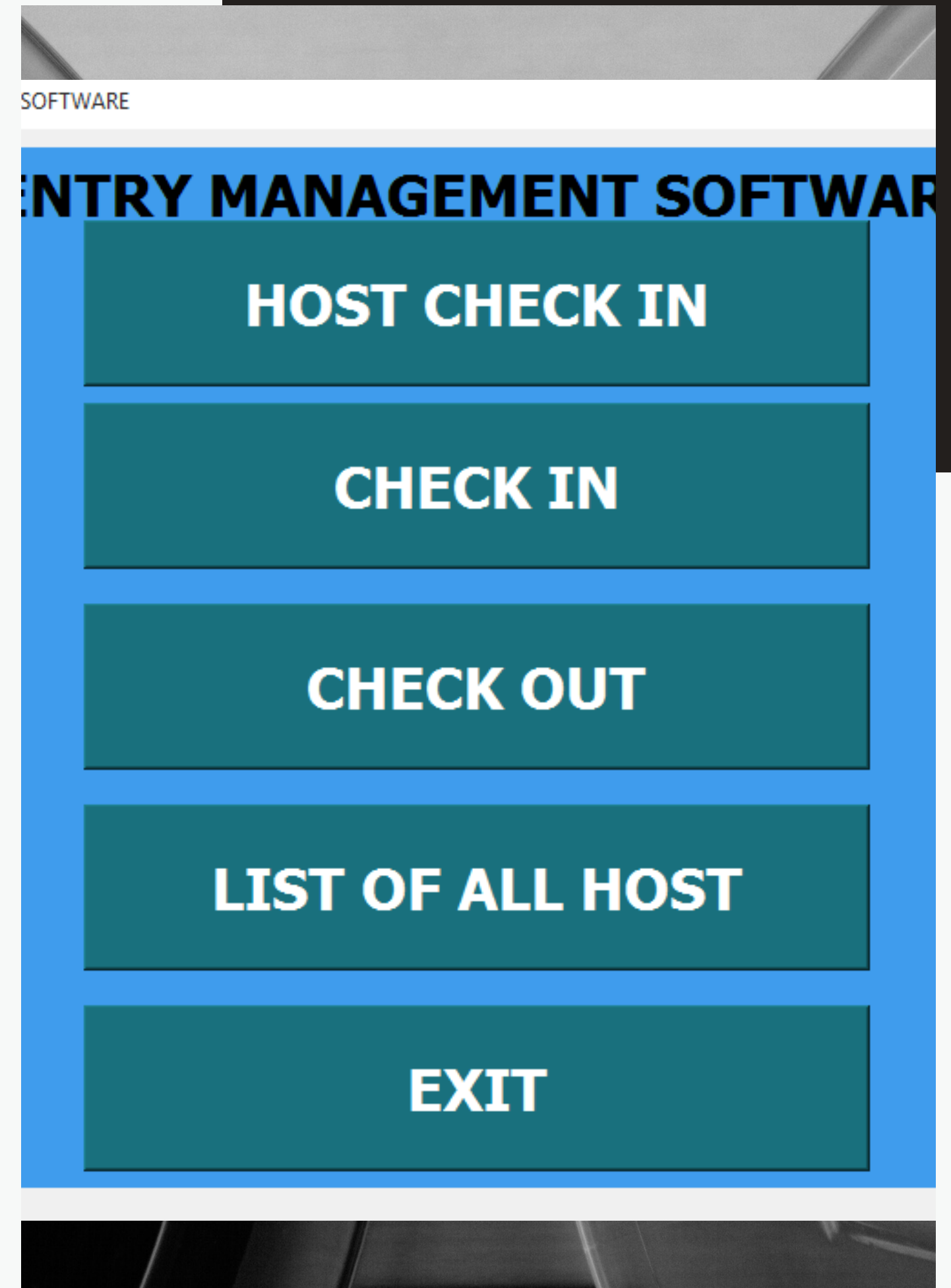


INTRODUCTION

This is a PyQt application serving the purpose of entry management software. There are simple five different files main file is the first window then it redirect user to check-in, check-out visitor check in or visitor info page.

In the backend I have used **MySQL**. This is having simple GUI with simple database.

Functionality for email and sms can also be easily given by **smtp** library in python but due to security issues I have provided in comment and displayed the information which can be send by mail later.



MAIN PAGE

CHECK-IN

This takes us to check-in page which can help us to add new visitors.

CHECK-OUT

If someone wants to check out, they can opt this.


HOSTS PRESENT

This shows HOSTS who are currently present in the hotel.

EXIT

This will close the whole application

HOST CHECK-IN

 Check-In

YOU CLICKED ON : CHECK IN

ENTER YOUR NAME

Pochu

ENTER YOUR ADDRESS

agra

ENTER YOUR CONTACT NO.

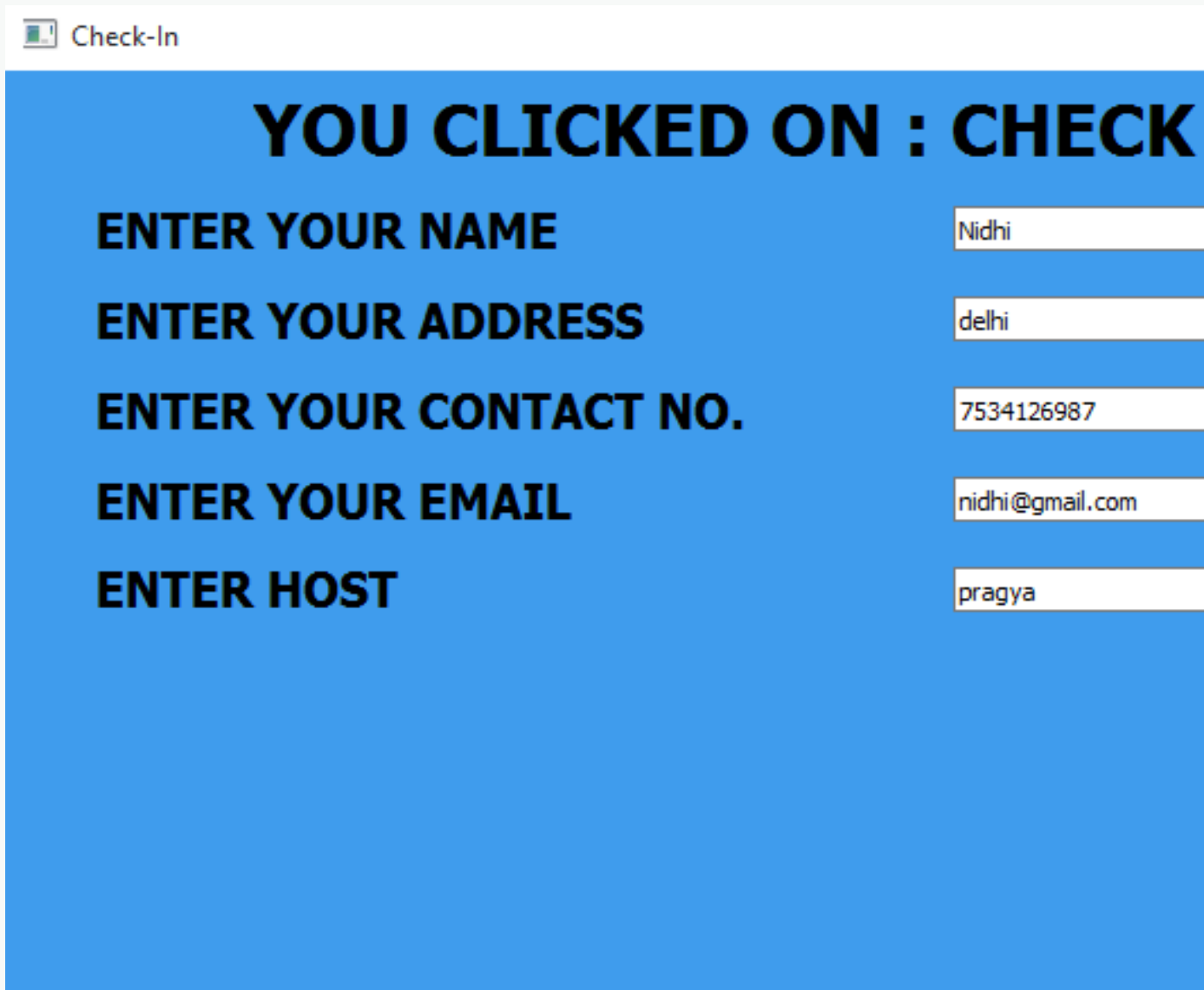
7894561222

ENTER YOUR EMAIL

pochu@gmail.com

This helps any new host to fill his details
Later by just clicking on button host will be
added to the host table.

CHECK-IN



The screenshot shows a web application window titled "Check-In". The main heading is "YOU CLICKED ON : CHECK". Below this, there are five input fields with labels on the left and values on the right:

Label	Value
ENTER YOUR NAME	Nidhi
ENTER YOUR ADDRESS	delhi
ENTER YOUR CONTACT NO.	7534126987
ENTER YOUR EMAIL	nidhi@gmail.com
ENTER HOST	pragya

This helps any new visitor to fill his details also the host will be mentioned by them. Who are present in hotel can be seen by GET INFO option.

Their check-in time is automatically added in the database..

Later by just clicking on button all the detail of host can be seen in the window.

CHECK-OUT

heck-Out

YOU CLICKED ON : CHECK OUT

ENTER YOUR NAME

ENTER YOUR CONTACT NO.

ENTER HOST

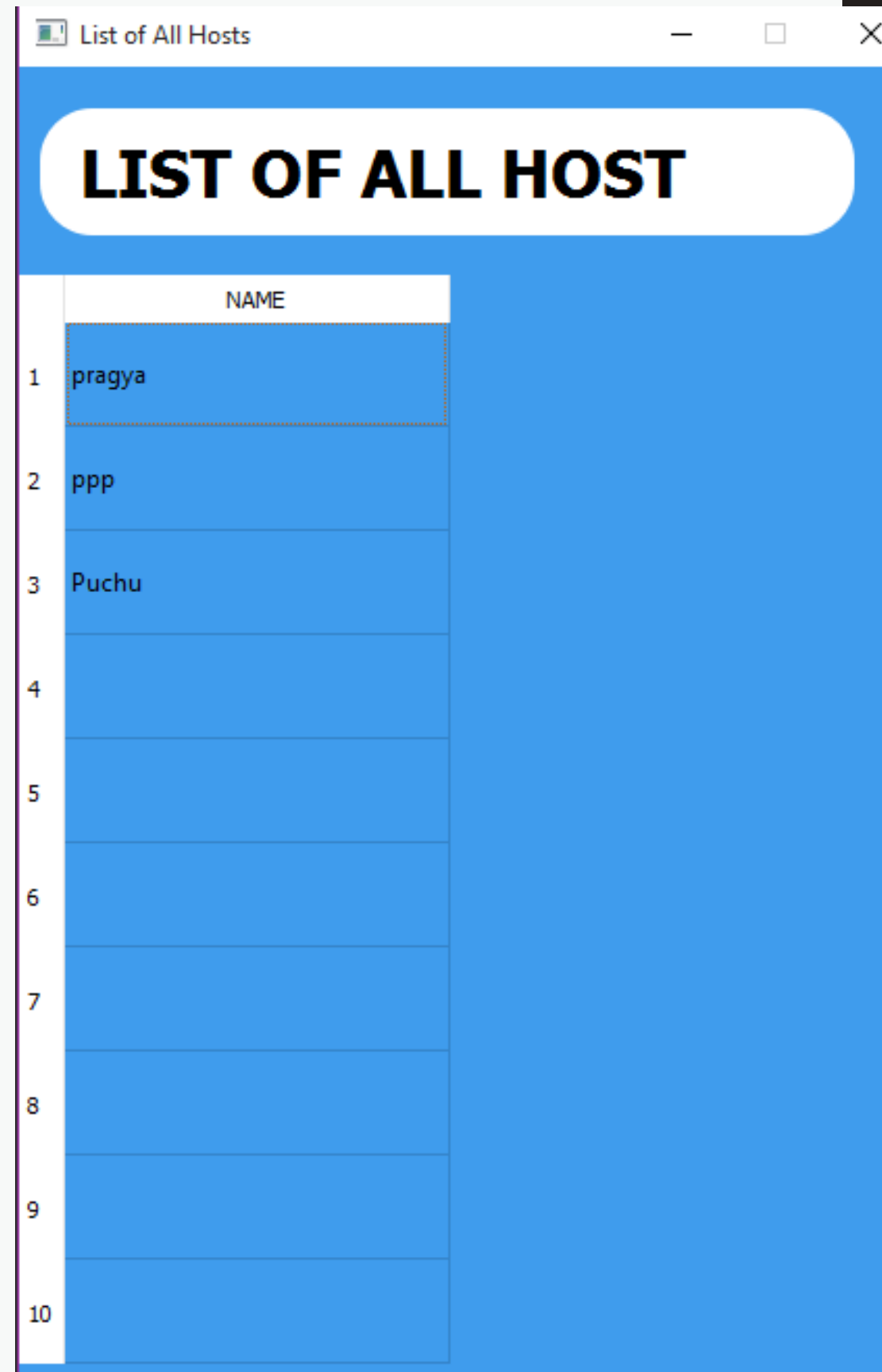
This helps any visitor to check-out from the hotel by simply filling his name, host name and mobile number.

His check-out time is automatically inserted in the database.

Once they click on button they can see their details on the window.

LIST OF ALL HOSTS

To show all currently
present host who are
their in the hotel.



The screenshot shows a web browser window with the title 'List of All Hosts'. The page has a blue background and a white header bar with the text 'LIST OF ALL HOST' in bold. Below the header is a table with a blue background and white text. The table has a single column labeled 'NAME' and 10 rows. The first three rows contain the names 'pragya', 'ppp', and 'Puchu'. The remaining seven rows are empty.

	NAME
1	pragya
2	ppp
3	Puchu
4	
5	
6	
7	
8	
9	
10	

To exit from the
application.

EXIT

DATABASE

It is build on Apache
MySQL.

VISITOR,HOST TABLE

Having all the attributes required for their identification.

PRIMARY KEY

Name, Mobile and Host are taken as primary key for unique tuple.

WORKING

While check-in all the details except check-out time is inserted now one can identify by NULL in check-out that they are present in hotel and when they check-out at that time it is filled.

Showing rows 0 - 6 (7 total, Query took 0.0011 seconds.)

SELECT * FROM `visitor`

☐ Profiling
 [\[Edit inline\]](#)
[\[Edit\]](#)
[\[Explain SQL\]](#)
[\[Create PHP code\]](#)
[\[Refresh\]](#)

☐ Show all
 Number of rows: 25
 Filter rows: Search this table
 Sort by key: None

+ Options

			Name	Address	Phone	Email	Host	Check-in	Check_out
<input type="checkbox"/>	Edit	Copy	Delete	Nidhi	delhi	7534126987	nidhi@gmail.com	pragya	2019-11-30 20:08:16 2019-11-30 20:09:41
<input type="checkbox"/>	Edit	Copy	Delete	Pragya	Kanpur	8349380737	pragya123@gmail.com	Santosh	2019-11-30 17:34:04 0000-00-00 00:00:00
<input type="checkbox"/>	Edit	Copy	Delete	Pushpa	Iko	4567891230	pushpa123@gmail.com	Pragya	2019-11-30 17:42:31 0000-00-00 00:00:00
<input type="checkbox"/>	Edit	Copy	Delete	Santosh	Kanpur	1234567890	santosh123@gmail.com		2019-11-29 07:32:37 2019-11-30 17:35:06
<input type="checkbox"/>	Edit	Copy	Delete	santosh	agra	4567891239	santosh@gmail.com	pragya	2019-11-30 20:17:49 0000-00-00 00:00:00
<input type="checkbox"/>	Edit	Copy	Delete	Vishal	Iko	4567891233	vishal@123	santosh	2019-11-30 17:37:36 0000-00-00 00:00:00

☐ Check all
 With selected:
 [Edit](#)
[Copy](#)
[Delete](#)
[Export](#)

☐ Show all
 Number of rows: 25
 Filter rows: Search this table
 Sort by key: None

Query results operations

[Print](#)
[Copy to clipboard](#)
[Export](#)
[Display chart](#)
[Create view](#)

DEPENDENCIES

QtSql

time, datetime

smtplib

MySQLdb

TECHNOLOGY

PyQt5

MySQL

HTML, CSS

TO OPEN APPLICATION

DOWNLOAD Whole folder then

run "python MAIN.py" in windows

**Thanking
You**