Instructions to install and run code:

1. Check for the presence of python3 by writing python or python3 in the command prompt.

(<https://www.python.org/downloads/>) to download python if you do not have one.

1. Install following dependencies using pip:
   1. Flask
      1. python3 -m pip install flask 

(Note if you are missing any dependencies, install them accordingly)

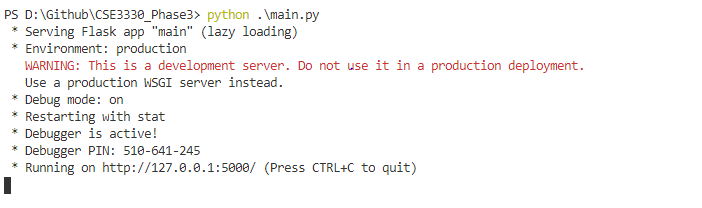
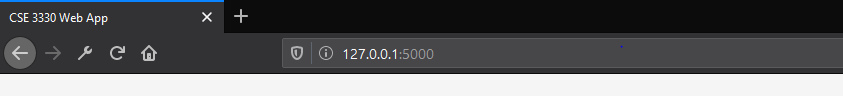
1. Install My SQL connector for python by downloading it from: <https://dev.mysql.com/downloads/connector/python/>

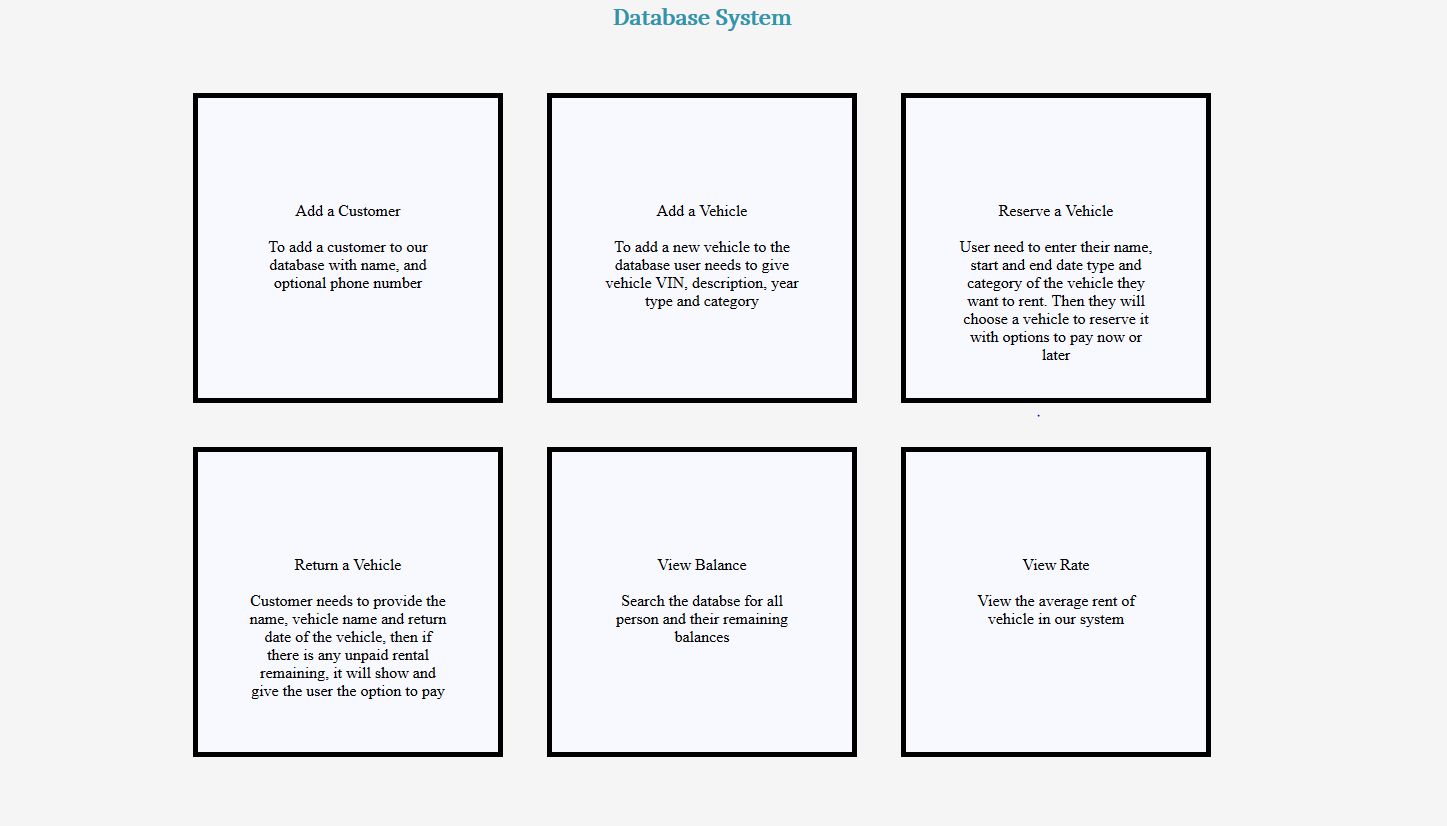
After the installation of these files

Open a terminal/command prompt in the downloaded folder of the codebase

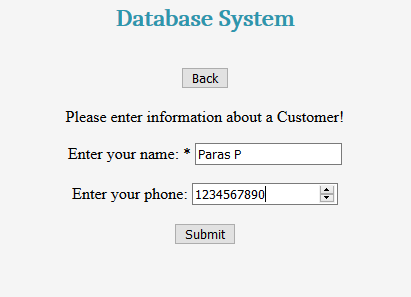
The current directory in the directory tree must be where the python is located.

Check if there’s anything running in localhost:5000 then type

1. python ./main.py to run the server 
2. then open a browser and navigate to localhost:5000/ or <http://127.0.0.1:5000/> 
3. Then follow the GUI for all the steps to fulfill requirements

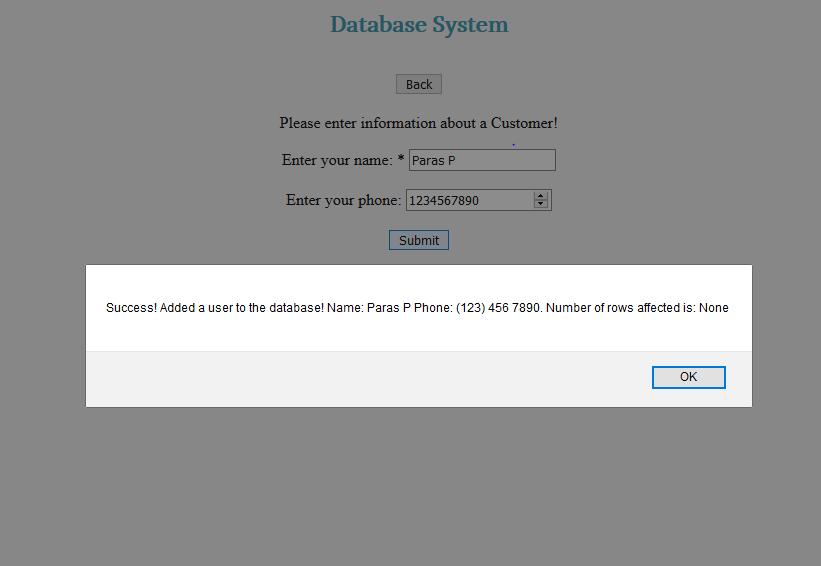


Add a customer:

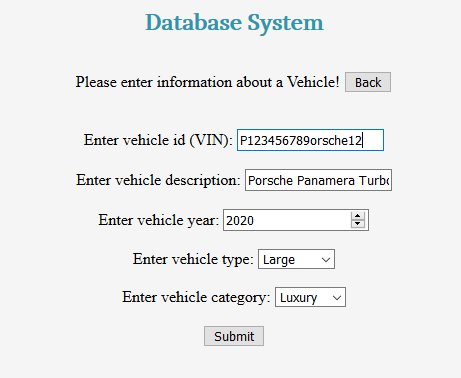


Phone number is optional, Name is compulsory

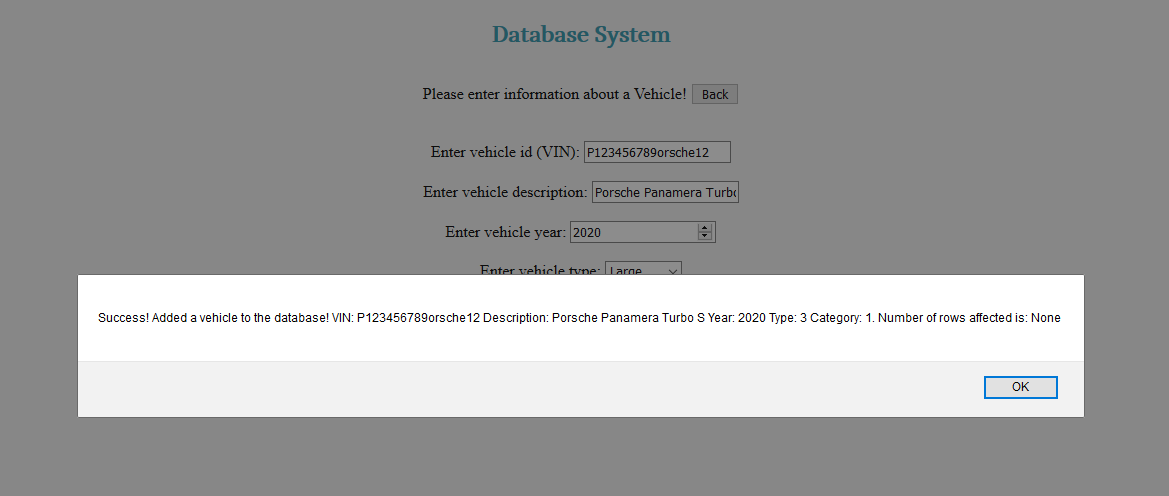
Result: displaying what the database has added in



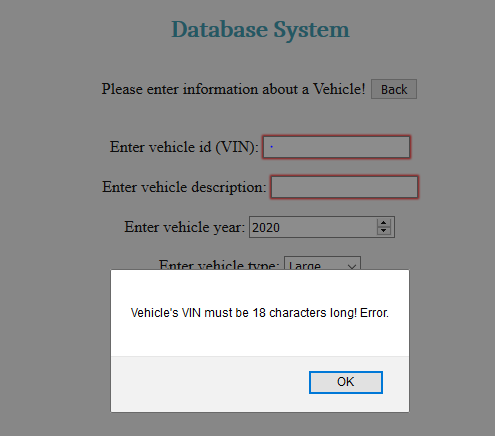
Add a vehicle: here vin must be 18 characters long



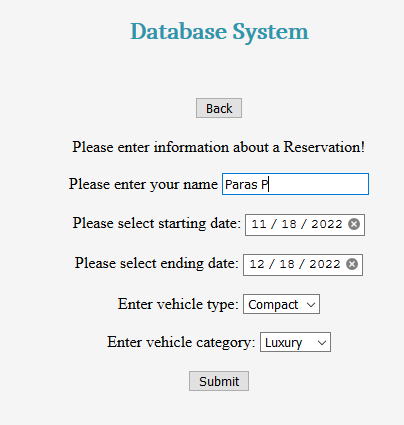
Result: after adding into the database



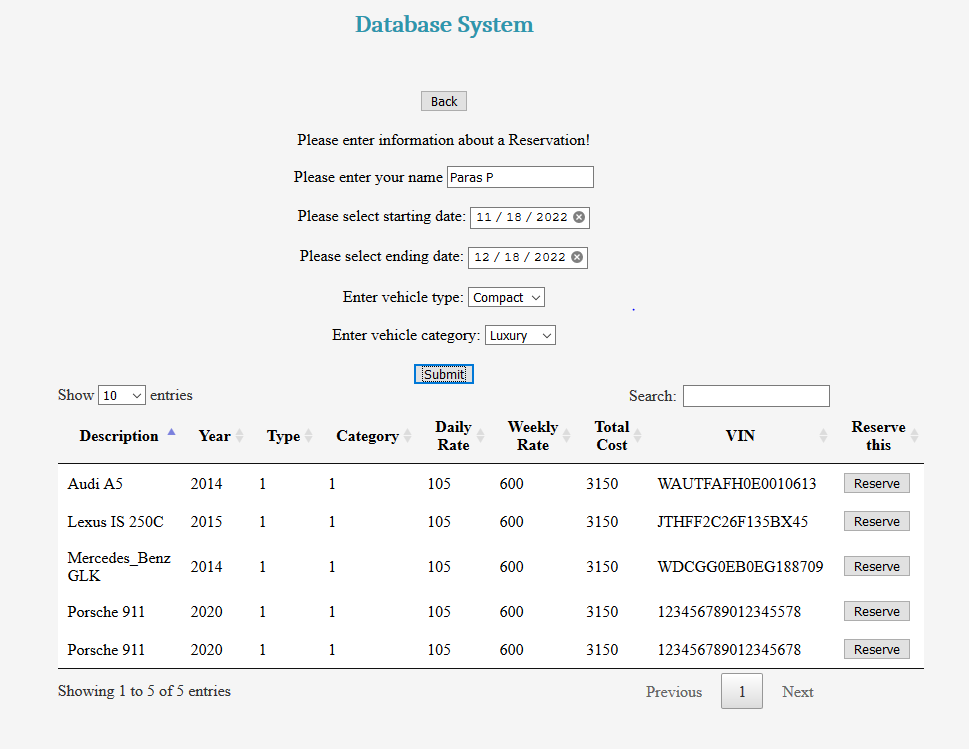
Errors If missing fields: shows fields in red if they are missing



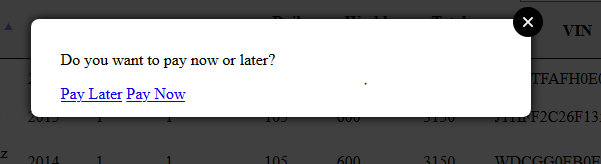
Make reservation: need to enter your name, starting and ending date as well as type and category



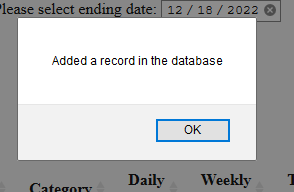
Results: shows all the vehicles that are available during that period along with the number of rows in tabular form



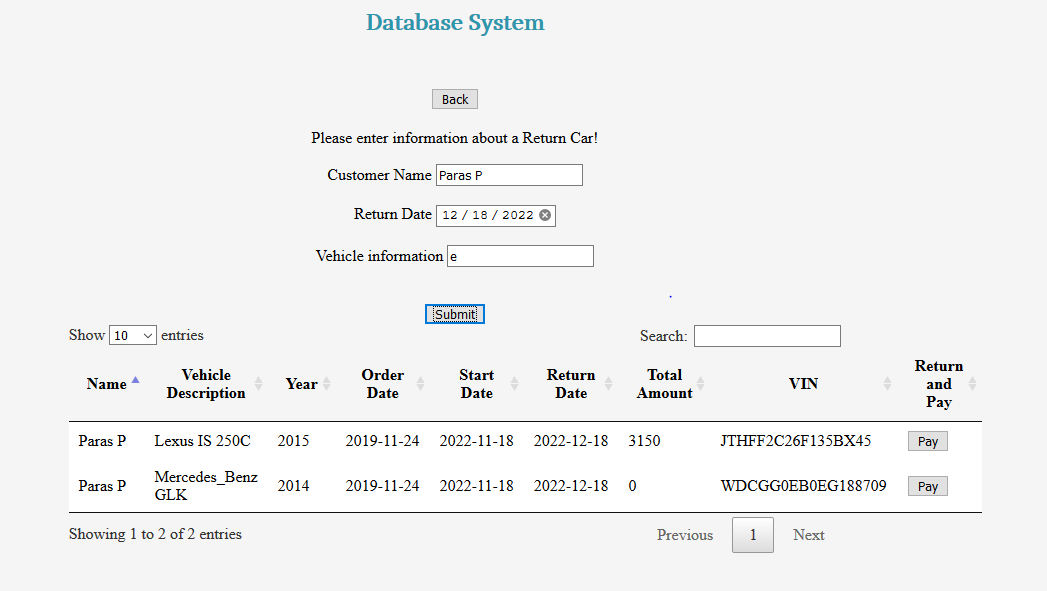
After pressing reserve button, gives user the option to select either pay now or pay later



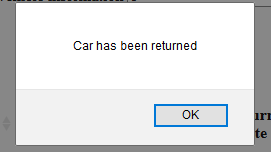
After pressing any of the button: adds entry in the database



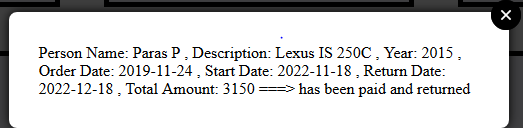
Return Car:

User needs to type in their name, return date and vehicle information to search for the car, if there is remaining balance it will show in total amount else it will show 0

After pressing the pay in return and pay column

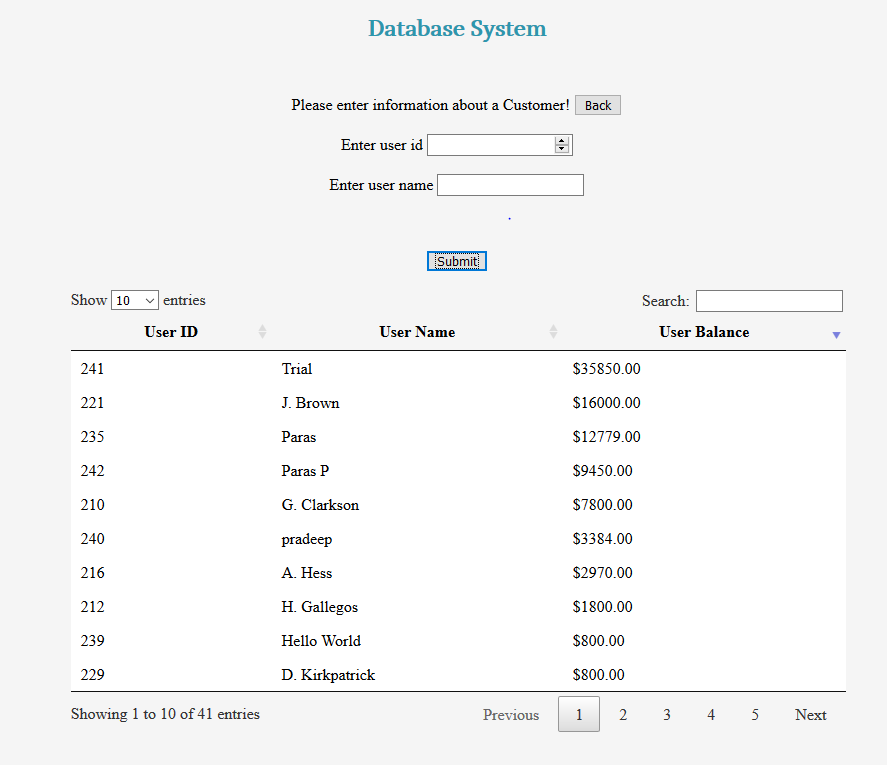


After pressing ok, with details of the returned vehicle



View person’s balance

User id is optional as well as username is optional. User can enter anything and will search the DB for similar records. Shows the total number of users in the systems in a tabular fashion



View rate:

Shows the vin, description of the vehicle and their daily price, User can search based on keyword of the car, for example e gives Mercedes, lexes etc. because they have e in their name

