

# Swiggy App

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In this project I have tried to create a food ordering service app with python.

## Table of Contents:

- Technologies
- Setup
- Usage

## Technologies:

- Python 3.8.5
- Python Modules used
  - Pandas 1.1.2
  - OS
  - Threading

## Setup:

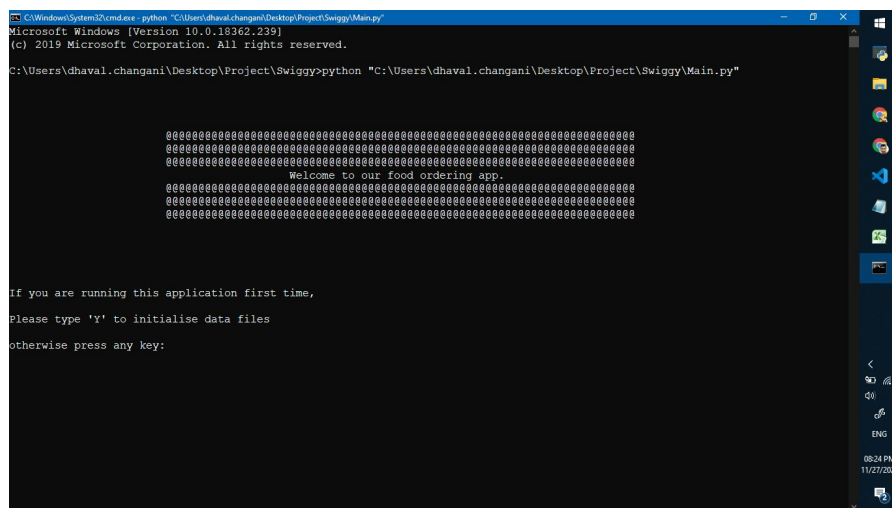
To run this project:

1. Clone this repo
2. Install Python
3. Install Pandas with - `pip install pandas`
4. Run Main.py

### Usage:

Below are the steps you can take to run the program.

- To run the project you need to open the terminal at the location of the project file
  - The files created by programmed take the path where you are running the terminal
1. Run Main.py
  2. First screen is welcome screen
  3. To run the application first we will need data files that can hold the all the information



4. Press 'y' to initialize file creation

```

C:\Windows\System32\cmd.exe - python "C:\Users\shawal.changan\Desktop\Project\Swiggy\Main.py"

If you are running this application first time,
Please type 'Y' to initialise data files
otherwise press any key: y
Are you a restaurant owner or a customer.
Please select one option below
    1. Restaurant owner
    2. Customer
    press 'Q' to exit.
    Please type in you answer here:

```

5. Second screen is inita login screen - there are two options
  - a. Press 1 to login as a restaurant
  - b. Press 2 to login as customer
  - c. Press Q to logout

```

C:\Windows\System32\cmd.exe - python "C:\Users\shawal.changan\Desktop\Project\Swiggy\Main.py"

otherwise press any key: y
Are you a restaurant owner or a customer.
Please select one option below
    1. Restaurant owner
    2. Customer
    press 'Q' to exit.
    Please type in you answer here: 1
Below are the operations you can perform.
Please select one option
    1. Add new restaurant
    2. Update menu of a existing restaurant
    press 'Q' to exit.
    Please type in you answer here:

```

6. We have logged in as a Restaurant owner
  - a. Press 1 to add new restaurant
  - b. Press 2 to make a change in existing restaurant
  - c. Press Q to logout

```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"
1. Restaurant owner
2. Customer

press 'Q' to exit.

Please type in you answer here: 1

Below are the operations you can perform.

Please select one option

1. Add new restaurant
2. Update menu of a existing restaurant

press 'Q' to exit.

Please type in you answer here: 1

To add your business please provide below details.

Name of the restaurant: Mummy's Kitchen
Please provide processing capacity 'between 1-5': 3
Please give item name and price, comma seprated:Allu, 150
press enter to add antother item, press 'Y' to quit:
Please give item name and price, comma seprated:Matar, 200
press enter to add antother item, press 'Y' to quit: _
```

7. Here we have chosen option 1

- a. First you will have to provide name of the restaurant
- b. Second Processing capacity
- c. Now give item and their price one by one as shown in above image

```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"

Please select one option below

1. Restaurant owner
2. Customer

press 'Q' to exit.

Please type in you answer here: 1

Below are the operations you can perform.

Please select one option

1. Add new restaurant
2. Update menu of a existing restaurant

press 'Q' to exit.

Please type in you answer here: 2

You can change the menu of the restaurant here.

Please provide the name of the restaurant: The Lady & Sons_
```

8. Here we have chosen option 2

- a. You can give the name of a existing restaurant
- b. It will show you the menu of that resturant

```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"

You can change the menu of the restaurant here.

Please provide the name of the restaurant: The Lady & Sons

Name Item Price
0 The Lady & Sons Paneer butter masala 200
1 The Lady & Sons Chevdo 200
2 The Lady & Sons Dum aloo 250
3 The Lady & Sons Findi chana 250
4 The Lady & Sons Kori rotli 300
5 The Lady & Sons Zunka or Pitla 300
6 The Lady & Sons Rajma chaval 350
7 The Lady & Sons Aloo methi 400
8 The Lady & Sons Amritsari fish 400
9 The Lady & Sons Attu 400
10 The Lady & Sons Goli bajje 400
11 The Lady & Sons Undhiyu 400
12 The Lady & Sons Gajar ka halwa 450
13 The Lady & Sons Moong dal ka halwa 450
14 The Lady & Sons Daal Dhokli 450
15 The Lady & Sons Payasam 500
16 The Lady & Sons Thengai sadam 500
17 The Lady & Sons Locha 500
18 The Lady & Sons PulI sadam 550
19 The Lady & Sons Bhakri 550
20 The Lady & Sons Pohe 550
21 The Lady & Sons Imarti 600
22 The Lady & Sons Dhokla 600
23 The Lady & Sons Naan 650
24 The Lady & Sons Samose 650
25 The Lady & Sons Bonda 650
26 The Lady & Sons Puri Bhaji 650
27 The Lady & Sons Bhindi masala 700

Please select below option to choose one operation

Press '1' to Add items or Press '2' to Remove items or 3 to change processing capacity: _
```

9. Here there are three options
- Press 1 to Add items
  - Press 2 to Remove items
  - Press 2 to change processing capacity

```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"

Please select one option below

1. Restaurant owner
2. Customer

press 'Q' to exit.

Please type in you answer here: 2

Please type your name here to login: James Mary
Login successful!

To place your order please select one of the options below.

1. Order by restaurant name
2. Order by item name
3. To view order history

press 'Q' to go back

Please type in you answer here:
```

10. If you login as a customer

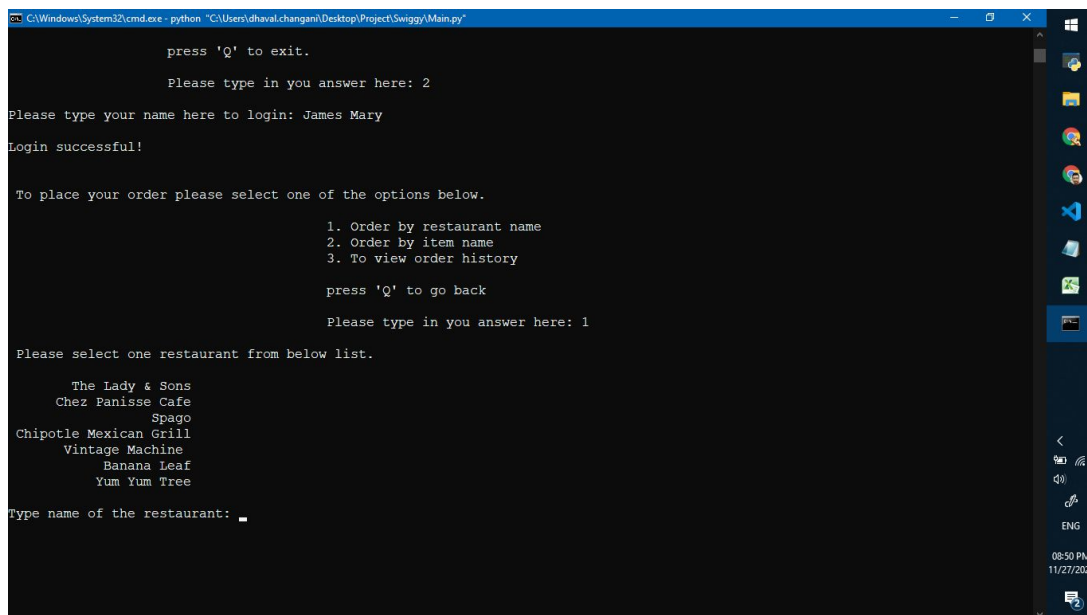
11. System will ask you your name

- If the name is matched with the name in database than login will be successful

- b. If name is not found than system will prompt to add that name in the system and asked to login again

12. Now after login there are three options

- a. 1. Order by restaurant name
- b. 2. Order by item name
- c. 3. To view order history



```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"

    press 'Q' to exit.

    Please type in you answer here: 2

Please type your name here to login: James Mary
Login successful!

To place your order please select one of the options below.

                1. Order by restaurant name
                2. Order by item name
                3. To view order history

                press 'Q' to go back

                Please type in you answer here: 1

Please select one restaurant from below list.

    The Lady & Sons
    Chez Panisse Cafe
    Spago
    Chipotle Mexican Grill
    Vintage Machine
    Banana Leaf
    Yum Yum Tree

Type name of the restaurant: _
```

13. If you choose option one it will show you available restaurants

- a. You can type the name of the restaurant you want to order from (Case Sensitive)
- b. In the next screen it will show you the list of items that restaurant has
- c. Type in the items you want to buy separating each with a comma
- d. If the capacity of that restaurant is higher than order items a messege will pop saying “Order successful”

```
C:\Windows\System32\cmd.exe - python "C:\Users\dhaval.changani\Desktop\Project\Swiggy\Main.py"
To place your order please select one of the options below.

1. Order by restaurant name
2. Order by item name
3. To view order history

press 'Q' to go back

Please type in you answer here: 2

Please select one item from below list.

Paneer butter masala
Chevdo
Dum aloo
Pindi chana
Kori rotti
Zunka or Pitla
Rajma chaval
Aloo methi
Amritsari fish
Attu
Goli bajje
Undhiyu
Gajar ka halwa
Moong dal ka halwa
Daal Dhokli
Payasam
Thengai sadam
Locha
Puli sadam
Bhakri
Pohe
Imarti
Dhokla
Naan
```

14. If you choose second option order by item name

- a. A list of items will appear
- b. You can type in the item name
- c. List of restaurant which serve this item will appear
- d. You can type the name of the restaurant
- e. Repeat the process for as many items you want