

SWIGGY(FOOD ORDERING APPLICATION):

ABSTRACT:

An Online Food Ordering System is proposed here which simplifies the food ordering process. The proposed system shows an user interface through terminal and update the menu with all available options so that it eases the customer work. Customer can choose more than one item to make an order and can view order details.

INTRODUCTION:

This is a Swiggy food ordering app which is built using python program which works on terminal/command prompt. In this project we will be ordering food online or altering the content of the already available restaurants and its menu. It will work on admin point of view as well as user point of view. The admin will have access to alter the contents like restaurant menu details. For now it is only done through console, in updated versions it can be modified using UI part and database.

We have 3 modules:

Order Food:

To place the orders customer visits the restaurant, checks the menu items available in the restaurant, and chooses the items required, then places the order and then do the payment. This method demands manual work and time on the part of the customer. As restaurants have the limitations in taking the order, here have applied the processing capacity of particular restaurant to 3 orders by using the threading function.

Other services:

Provides the registration for new users to join Swiggy services and provide options for updating details of existing clients.

We have two modules in other services:

New user: A new user can register by giving user name and password. He can add his restaurant details and add his menu by using this module

Existing user: Existing user has the access to add items, update price of the items in that particular restaurant.

Exit:

This module is used to exit from the application

LINKS:

<https://github.com/attainu/python-project-Manasa-bg-au9/tree/dev/swiggy>


PYTHON PACKAGES:

Time
Thread

TECHNOLOGIES USED:

Python 3.8, VS code

SCREENSHOTS:



```
C:\WINDOWS\py.exe

*****WELCOME TO SWIGGY*****

*****MAIN MENU*****
      (0) ORDER FOOD
      (3) OTHER SERVICES
      (E) EXIT
-----
PLEASE SELECT YOUR OPERATION: 0

##### ORDER FOOD #####
PLEASE SELECT THE RESTAURANT OF YOUR CHOICE:

(1) RAJHDANI DHABA
(2) STORIES
(3) CASA PICASSO
(4) INCHARA
(5) TAAZA TINDI

(M) BACK TO MAIN MENU                (S) SEARCH FOR DISH / RESTAURANT
-----
PLEASE SELECT YOUR OPERATION: _
```

Fig 1: Shows the Menu Page and In OderFood it will show the list of Restaurant Names

```

C:\WINDOWS\py.exe
##### ORDER FOOD #####
PLEASE SELECT THE RESTAURANT OF YOUR CHOICE:

(1) RAJHDANI DHABA
(2) STORIES
(3) CASA PICASSO
(4) INCHARA
(5) TAAZA TINDI

(M) BACK TO MAIN MENU (S) SEARCH FOR DISH / RESTAURANT
-----
PLEASE SELECT YOUR OPERATION: 2

##### MENU OF STORIES #####

ITEMS PRICE
-----
(1) CHEESE FINGERS 199
(2) VEGGIE PIZZA 300
(3) HAKKA NOODLES 220
(4) STUFFED KULCHA 69
(5) CHESSE CAKE 149
-----
(V) VIEW CART (B) BACK TO ORDER FOOD PAGE
-----
PLEASE SELECT DISH OF YOUR CHOICE: 1
PLEASE SELECT THE QUANTITY FOR THE DISH SELECTED: 1

##### TEST #####

```

Fig 2: We can select the particular restaurant and order the items with quantity

```

C:\WINDOWS\py.exe
-----
(V) VIEW CART (B) BACK TO ORDER FOOD PAGE
-----
PLEASE SELECT DISH OF YOUR CHOICE: v

##### YOUR CART #####

ITEMS QUANTITY PRICE
-----
(1) CHEESE FINGERS * 1 199
TOTAL 199
-----
(P) PAYMENT (B) BACK TO MENU
-----
PLEASE SELECT YOUR OPERATION: p

##### PAYMENT #####

SR NO MODES OF PAYMENT
-----
(1) CREDIT CARD
(2) DEBIT CARD
(3) NET BANKING
(4) UPI PAYMENT
-----
(C) CANCEL PAYMENT
-----
PLEASE SELECT YOUR OPERATION: 1

##### PAYMENT STATUS #####

PAYMENT SUCCESSFUL

```

Fig 3: We can go to cart and see the items and can do different modes of payment

C:\WINDOWS\py.exe

```
*****MAIN MENU*****
(O) ORDER FOOD
(J) OTHER SERVICES
(E) EXIT
-----
PLEASE SELECT YOUR OPERATION: o

##### ORDER FOOD #####
PLEASE SELECT THE RESTAURANT OF YOUR CHOICE:

(1) RAJHDANI DHABA
(2) STORIES
(3) CASA PICASSO
(4) INCHARA
(5) TAAZA TINDI

(M) BACK TO MAIN MENU                (S) SEARCH FOR DISH / RESTAURANT
-----
PLEASE SELECT YOUR OPERATION: 2
SORRY WE ARE CURRENTLY NOT ACCEPTING ANY ORDERS FOR THIS RESTAURENT!
```

Fig 4:When the restaurants exceeds the limit of taking orders it won't accept further