# SPIKY

## (ONLINE FOOD ODDERING APP LIKE SWIGGY):

## 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 Spiky(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 avaliable 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 restauarant 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.

## Join 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

## PYTHON PACKAGES:

Time
Thread

## TECHNOLOGIES USED:

Python 3.8, VS code

## SCREENSHOTS:

```
############################## WELCOME TO SPIKY ##############################



################################### MAIN MENU ###################################
(O) ORDER FOOD
(J) JOIN SERVICES
(E) EXIT

------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: o


##################################### ORDER FOOD #####################################
PLEASE SELECT THE RESTAURENT OF YOUR CHOICE FROM BELOW OPTIONS:

(1) PARADISE

(2) CHINA BISTRO

(3) CHUTNEYS


(M) BACK TO MAIN MENU                              (S) SEARCH FOR DISH / RESTAURENT
------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: 1
```

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

```
############################### ORDER FOOD ###############################
PLEASE SELECT THE RESTAURENT OF YOUR CHOICE FROM BELOW OPTIONS:

(1) PARADISE

(2) CHINA BISTRO

(3) CHUTNEYS


(M) BACK TO MAIN MENU                              (S) SEARCH FOR DISH / RESTAURENT
-----------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: 1



############################### MENU OF PARADISE ###############################



ITEMS                                                               PRICE
-----------------------------------------------------------------------------------
(1) IDLY                                                            110
(2) CHICKEN BIRYANI                                                 649
(3) VEG BIRYANI                                                     550
(4) ROAST CHICKEN                                                   450
(5) CHICKEN TIKKA                                                   499
-----------------------------------------------------------------------------------
(V) VIEW CART                                      (B) BACK TO ORDER FOOD PAGE
-----------------------------------------------------------------------------------
PLEASE SELECT DISH OF YOUR CHOICE: 1
PLEASE SELECT THE QUANTITY FOR THE DISH SELECTED: 2
```

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

```
############################### YOUR CART ###############################


----------------------------------------------------------------------------------
ITEMS                                      QUANTITY                          PRICE
----------------------------------------------------------------------------------
(1) IDLY                 *                 2                                 220
(2) CHICKEN BIRYANI      *                 1                                 649
(3) ROAST CHICKEN        *                 2                                 900
----------------------------------------------------------------------------------
TOTAL                                                                        1769
DISCOUNT RECEIVED                          15%                               -265.35
TOTAL                                                                        1503.65
----------------------------------------------------------------------------------
(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
(5)                COD
----------------------------------------------------------------------------------
(C)                CANCEL PAYMENT
----------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: 1
```

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

```
--------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: o


###################################### ORDER FOOD ######################################
PLEASE SELECT THE RESTAURENT OF YOUR CHOICE FROM BELOW OPTIONS:

(1) PARADISE

(2) CHINA BISTRO

(3) CHUTNEYS


(M) BACK TO MAIN MENU                              (S) SEARCH FOR DISH / RESTAURENT
--------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: 1
SORRY WE ARE CURRENTLY NOT ACCEPTING ANY ORDERS FOR THIS RESTAURENT!


###################################### ORDER FOOD ######################################
PLEASE SELECT THE RESTAURENT OF YOUR CHOICE FROM BELOW OPTIONS:

(1) PARADISE

(2) CHINA BISTRO

(3) CHUTNEYS


(M) BACK TO MAIN MENU                              (S) SEARCH FOR DISH / RESTAURENT
--------------------------------------------------------------------------------
PLEASE SELECT YOUR OPERATION: []
```

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