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INTRODUCTION

Online food ordering is the process of ordering food from a website or other application. The product can be either ready-to-eat food (e.g., direct from a home-kitchen, restaurant,) or food that has not been specially prepared for direction consumption (e.g., vegetables direct from a farm/garden, frozen meats. etc).Here **jiggy** is an online food delivery platform that collect food from various resturant and delivers food to customer on demand.The most important advantage of jiggy is by providing food whenever or wherever you want. Nowadays people are too busy at times, but food delivery service helps them to grab a bite in their busy schedule.

OVERVIEW

First of all user need to create an account for using jiggy app.User can create with help of unique id.The id must be a combination of alphabets,numbers and charactors.Users who already joined can sign in with help of their user id.After logging in,user can see different resturants.So he can select from which resturant he wants to buy.
The list of resturants that i have entered

Id	Resturant
1	Anada Bhavan
2	Taj
3	Hotel Aryaas
4	Saravana Bhavan
5	Lemeridian

Although different resturants have different menu.So i randomly added some items based on each resturant and stored in seperate files.So i will list the menu of each resturant in next page

Anada bhavan

Food	Rupees	Drink	Rupees
Masala dosa	50.00	Falooda	50.00
Biriyani	85.00	Choclate Shake	70.00
Meals	50.00	Milk Shake	60.00
Uthappam	35.00	Vanilla Shake	55.00
Idli	10.00	kulfi	40.00

Taj

Food	Rupees	Drink	Rupees
Chicken Fry	150.00	Tea Black	25.00
Masala Dosa	120.00	Tea Milk	50.00
Chicken Biriyani	200.00	Tea lemon	25.00
Meals	120.00	Coffee	50.00
Shawarma	110.00	Coffee Cappuccino	60.00

Hotel Aryaas

Food	Rupees	Drink	Rupees
Tandoori Chicken	70.00	Coca-Cola	30.00
Ginger Chicken	50.40	Fanta	40.00
Pepper Chicken	70.00	Tea Black	20.00
Grilled Chicken	50.00	Sprite	25.00
Masala Dosa	70.00	Choclate shake	70.00

Saravana bhavan

Food	Rupees	Drink	Rupees
Appam	30.00	Sprint	50.00
Dosa	50.40	Cola	60.00
Idli	45.80	Tea Black	40.00
Poori Masala	60.00	Kulfi	45.00
Masala Dosa	45.50	Tea	15.00

Le meridian

Food	Rupees	Drink	Rupees
Pizza	120.00	Milk shake	60.00
Burger	50.00	Strawberry shake	50.00
Hotdog	45.00	Tea Black	20.00
Sand witch	70.00	Sprite	30.00
Masala Dosa	45.50	Airan	81.00

I have listed only 5 entries of each menu.It will be helpful to identify each resturant and their cuisine type

Moreover, the following constraint exist.A restaurant has a fixed capacity of processing "n" orders at a time. It cannot accept more than "n" orders at a time. Value of " n" varies for different restaurants.

Resturant	No of maximum orders allowed
Anada Bhavan	20
Taj	25
Hotel Aryaas	20
Saravana Bhavan	30
Lemeridian	15

You can also see the no of items that you have purchased in your order history.Order history will upgrade after each order.You can also see order status after each order

REQUIREMENTS

I built this code in python and used pycharm IDE.The solution will work in windows,linux and mac machines

Libaries that iam used:

Datetime-Datetime module supplies classes to work with date and time. These classes provide a number of functions to deal with dates, times and time intervals

Os-Python OS module allows us to use the operating system dependent functionalities and to interact with the underlying operating system in several different ways.

Re-A regular expression (or RE) specifies a set of strings that matches it.The functions in this module let you check if a particular string matches a given regular expression

RESULT

People admire online food delivery service because of its simplicity and transparency. People decide what they order, where they order, how they pay, and when to deliver. There is no need to remember ingredients or to rush for last-minute grocery shopping
Online food delivery service delivers your convenience which attracts people to order online. Using jiggy you can book a table in your favorite restaurant as there no need to wait for it