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INT213 - PYTHON PROJECT GUI ON PIZZA MANAGEMENT SYSTEM

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PIZZA MANAGEMENT SYSTEM

PROJECT REQUIREMENT

Design a system to keep the track of number of pizza orders, delivery of pizzas to a particular venue, cancellation of orders.

INTRODUCTION

The “Pizza Ordering System” has been developed to solve the problems prevailing in the manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by the existing system. Moreover, this system is designed for the need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. No formal knowledge is needed for the user to use this system.

OBJECTIVE

The current system where the customer calls the pizzeria takes time of employees to answer the phone and is more work consuming than necessary. They want to allow customers to customize and order their pizzas online. The pizzeria also aims to increase the sales with the help of the online order system. The system will give the employees more time to work rather than to accept orders by phone, also the potential increase in customers is enough reason for the pizzeria to accept the change. The focus is to create an easy to use, which will allow a first-time customers to complete the order in ease.

TABLE USED IN THE DATABASE

Field	Type	Null	Key
OrderId	Int	NO	PRIMARY
name	varchar(40)	YES	
address	varchar(100)	YES	
mobile	varchar(10)	YES	
emailid	varchar(30)	YES	
pizzatype	varchar(20)	YES	
time	Text	YES	

RESULT SCREENSHOT

The screenshot shows a web browser window titled "Giorno's Pizza". The interface is divided into three main sections:

- Show Orders**: A section on the left with a large empty box for displaying orders.
- Order Pizza**: A central section for placing a new order. It includes input fields for Name, Address, Mobile No, and Email Id. For Pizza Type, there are three radio button options: Small(95 Rs), Medium(195 Rs), and Large(295 Rs). A button labeled "Order Now" is at the bottom.
- Cancel Order**: A section on the right with input fields for Order Id and Name, and a button labeled "Cancel Order".
- Track Order**: A section below "Cancel Order" with an input field for Order Id and a button labeled "Track Now".

MAIN MENU

Allows the user to fill in their details and Pizza Type to order the pizza

This diagram shows a detailed view of the "Cancel Order" form. It features a large title "Cancel Order" at the top. Below the title, there are two input fields: "Order Id" and "Name". At the bottom of the form is a button labeled "Cancel Order".

CANCEL ORDER

Allows the user to cancel a given order and add it to the *Cancelled Orders* list

Track Order

Order Id

Track Now

TRACK ORDER

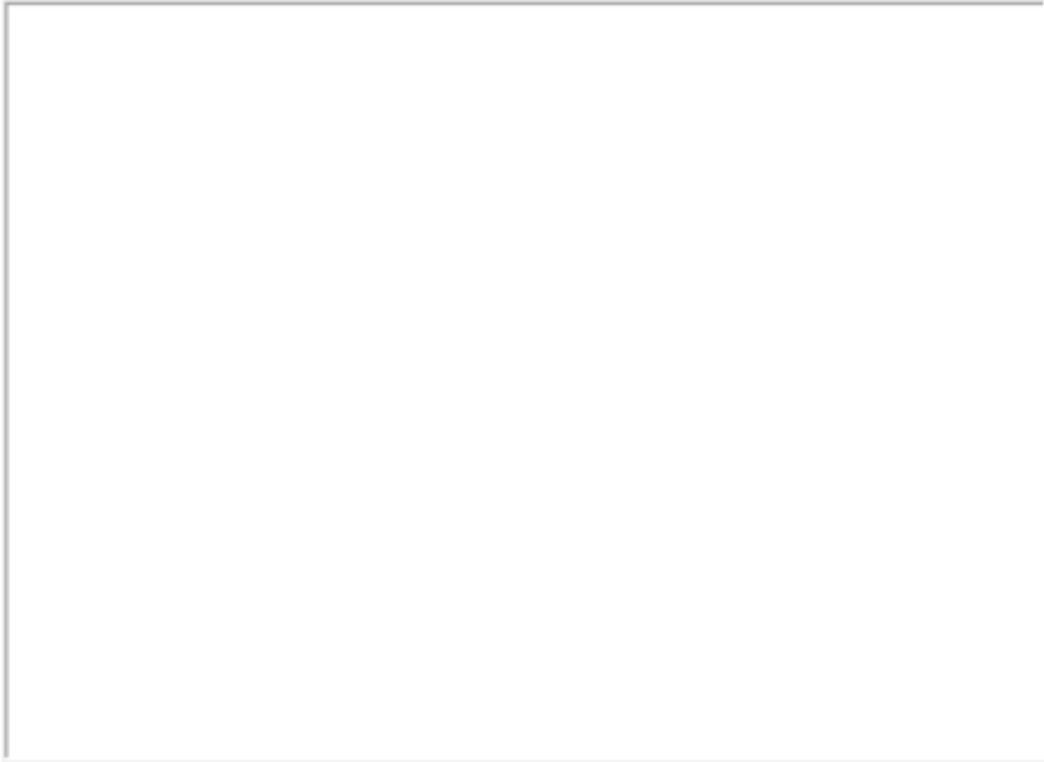
Allows the user to track their pizza order

Show Orders

SHOW ORDERS

Allows the user to see already placed orders

Cancelled Orders



CANCELLED ORDERS

Allows the users to see the list of cancelled orders

ROLE AND RESPONSIBILITY OF GROUP MEMBERS

Ayan Ruzdan:

Will work on the main code and GUI using Tkinter

Arpan Chaudhary:

Will work on the main program and final report.

Vaibhav Jain:

Will work on the database using MySQLdb

CONCLUSION

This project has really been faithful and informative. It has made us learn and understand the many concepts of Python language, as we have used Python tkinter as GUI to provide various controls such as buttons, labels and textbox to build a user-friendly pizza ordering system. The fast-growing use of Internet confirms the good future and scope of this project. Also, it has taught us a valuable lesson about the benefits of working as a group.

REFERENCES

- [GeeksforGeeks](#)
- [Stackoverflow](#)
- [Wikipedia](#)
- [GitHub Projects](#)
- [Python.org](#)
- [Tkinter official documentation](#)
- [Introduction to Programming using Python](#)