

PIZZA SHOP MANAGEMENT SYSTEM

ABSTRACT

This project is a simple **Pizza Shop Management System** developed using **Python programming**.

The program allows the user to view the pizza menu, place an order, enter quantity, and calculate the total bill amount.

It uses **dictionary** to store menu details and **functions** for modular programming.

OBJECTIVES

- To develop a simple pizza ordering system using Python
 - To use **dictionary** for storing pizza menu
 - To implement **functions** in Python
 - To calculate total bill amount based on quantity
 - To understand basic input and output operations
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SOFTWARE REQUIREMENTS

- Operating System: Windows / Linux / macOS
 - Programming Language: Python 3.x
 - IDE: IDLE / VS Code / PyCharm
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HARDWARE REQUIREMENTS

- Processor: Intel / AMD
 - RAM: Minimum 4 GB
 - Storage: Minimum 100 MB
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DATA STRUCTURE USED

- Dictionary
- Example:

```
menu = {  
    1: ("Veg Pizza", 200),  
    2: ("Cheese Pizza", 250),  
    3: ("Paneer Pizza", 300)  
}
```

ALGORITHM

1. Start the program
 2. Store pizza menu in dictionary
 3. Display main menu
 4. User enters choice
 5. If choice is 1, show pizza menu
 6. If choice is 2, allow user to order pizza
 7. Get pizza number and quantity
 8. Calculate total amount
 9. Display bill
 10. End the program
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FLOW CHART

START

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v

Display Menu

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Enter Choice

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Show Menu Order Pizza

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Enter Quantity

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Calculate Bill

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v

END

FUNCTION DESCRIPTION

show_menu()

Displays the available pizza menu.

order_pizza()

Takes pizza selection and quantity from the user and calculates total bill.

pizza_shop()

Main function to show menu options and control program flow.

OUTPUT

- Displays pizza menu
 - Accepts user order
 - Calculates and displays total bill amount
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CONCLUSION

The Pizza Shop Management System is a beginner-friendly Python project. It helps to understand **functions, dictionary, and conditional statements** in Python.

FUTURE ENHANCEMENTS

- Multiple orders
- Add GST and discount
- Loop for continuous ordering
- Save bill using file handling