FOOD ORDERING SYSTEM

Presented by: Mohit Ranjan & Team

Overview

01 — Our Team

02 — Introduction

03 — Methodology

04 — Outcomes

05 — Future Objective

Our Team

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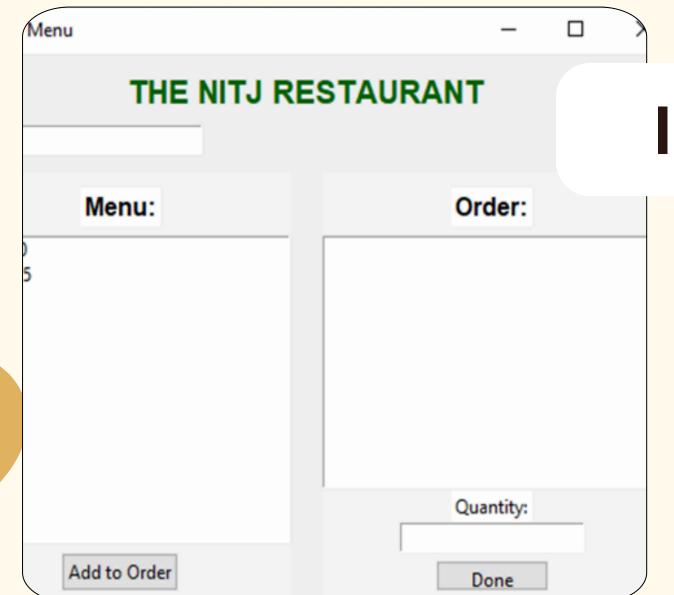- Narayan Kakade   CSE   23103099
- Nishant Raj   CSE   23103104

Problem Statement:

- TRADITIONAL FOOD ORDERING METHODS ARE OUTDATED, LEADING TO LONG WAIT TIMES AND ERRORS.
- MANUAL ORDER MANAGEMENT AND INVENTORY TRACKING ARE TEDIOUS FOR RESTAURANT OWNERS.

Introduction

Outcomes

- Efficiency: Seamless browsing, ordering, and payment for customers.
- Accuracy: Error-free order processing and communication.
- Automation: Streamlined order management and inventory tracking.
- Enhanced User Experience: Intuitive interface with order tracking

Scope and Limitations:

- Focus on online ordering and management for customers and restaurant staff.
- Exclusions: Food delivery logistics, real-time inventory synchronization.
- Potential for future expansion and enhancement.

Methodology

Research Design Summary:

Requirements Gathering:

Understand system requirements including UI, functionality, and data management.

Design:

GUI design using Tkinter.

Plan implementation flow and define data structures.
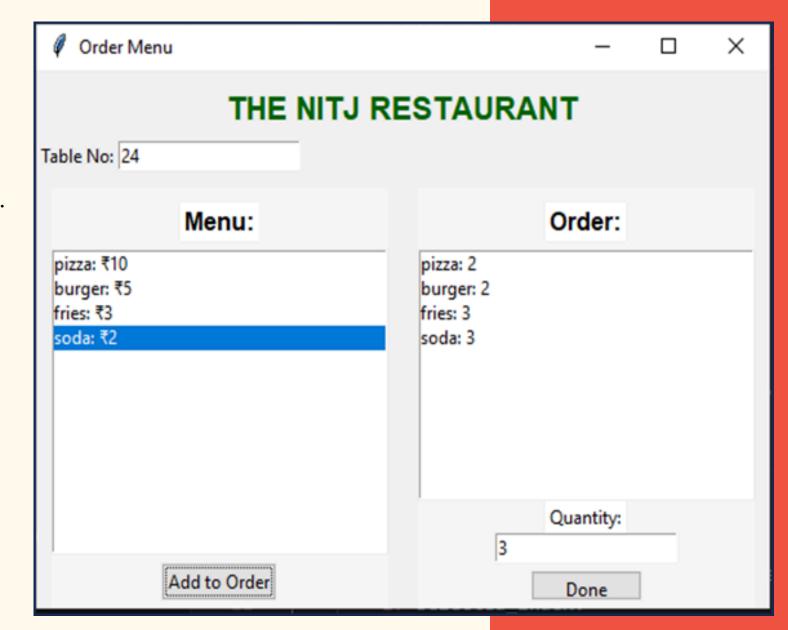
Implementation:

Code writing based on design.

Functions for menu display, order addition, and file saving.

Testing:

Thorough testing of features.

Ensure correct functionality and error handling.

Methodology

Implementation Process Details:

Initialization:

Import necessary modules.

Define menu dictionary.

GUI Design:

Create main window.

Define UI functions.

Design GUI components.

Functionality Implementation:

Define menu and order functions.

Implement saving orders.

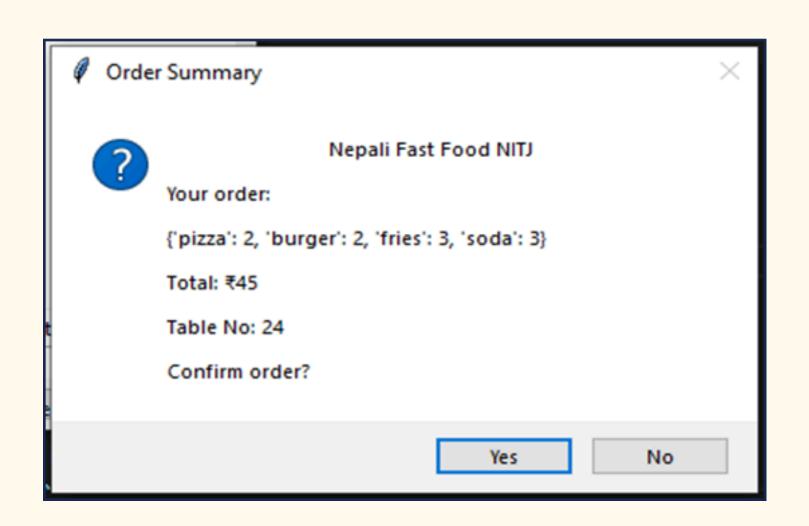Handle invalid inputs.

Integration:

Combine components.

Ensure proper layout and functionality.

Testing and Debugging:

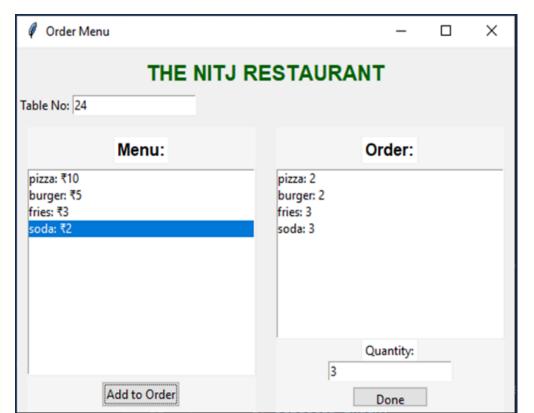Run and test application.

Verify features and debug issues.

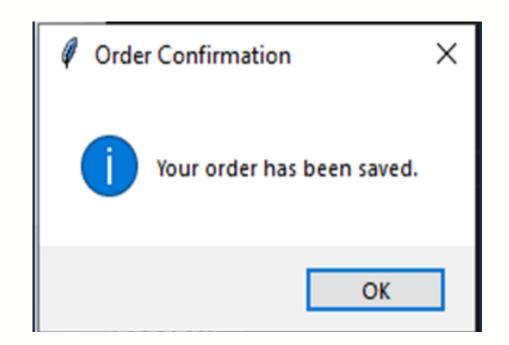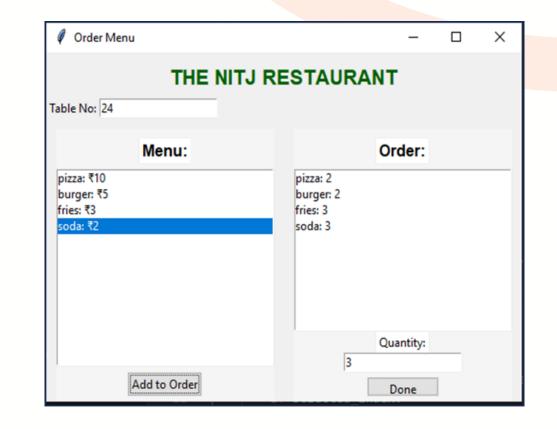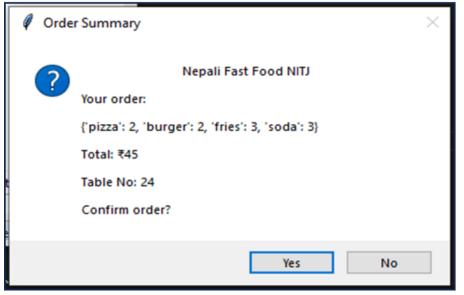
Order Summary

?   Nepali Fast Food NITJ

Your order:

{'pizza': 2, 'burger': 2, 'fries': 3, 'soda': 3}

Total: ₹45

Table No: 24

Confirm order?

[Yes]   [No]

Project Outputs:

Thank you