

Our team









Khushboo
Project Leader
Oversees and manages
the project.

Sarah Henry

Developer

Wrote the entire code.

Neha Kumari Singh Priya Shukla
Presenter Tester

Created the presentations. Checked the system for errors.



PROBLEM STATEMENT





Manual Billing System

Traditional pen and paper billing is time-consuming, error-prone and inefficient.



Limited Access Control

No mechanism to restrict access to sensitive operations like menu changes or pricing updates.



Food Item Management

Difficulty in tracking available food items, pricing, and stock levels.

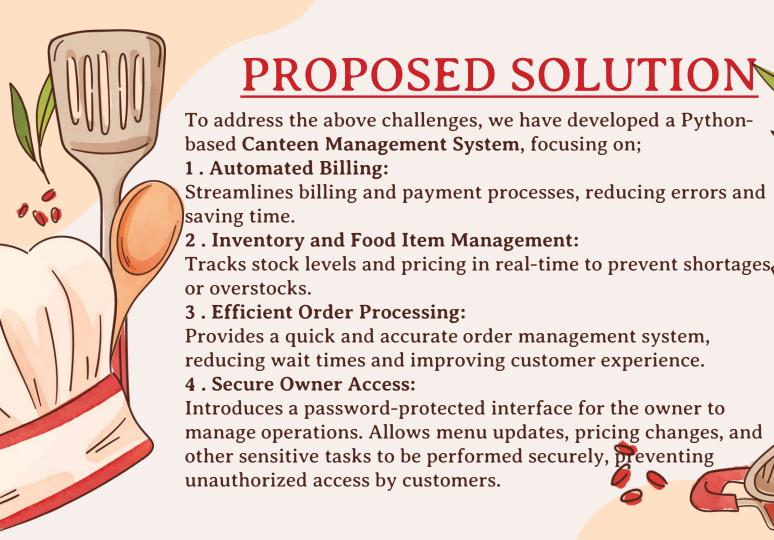


Order Processing

To remove manual / slow ordering process.









Python :The core language used for developing the project. Python provides a simple and powerful way to write logic for user interaction, menu handling, and file operations.

Jupyter Notebook: Used as the development environment. Allows for mixing code with visual explanations and easy testing of functionalities step-by-step. Helpful for presenting the project interactively.

Functions and Modular Programming

- The logic is broken into reusable functions (add_item(), delete_item(), view_items(), etc.).
- This approach enhances readability, modularity, and future scalability.
- Menus and Console-Based Interface
- The user interacts through a text-based menu.
- The system uses input() prompts, loops, and conditional logic to guide the user.
- Error Handling and Input Validation
- Basic try-except blocks and condition checks prevent the system from crashing due to invalid input.

