Project Report: Supermarket Billing System

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Language: Python

File: supermarket.py

Data File: vegetables.json

Overview:

This project simulates a supermarket vegetable billing system using Python. It is a terminal-based application that allows a customer to buy multiple vegetables, calculate the total cost, and pay using different methods.

Features:

- Loads vegetable data from a JSON file

- Allows customer to view menu and purchase items

- Supports multiple purchases

- Calculates total bill

- Payment options: Cash, UPI, Card

Technologies Used:

- Python (functions, list, dict, file handling)

- JSON for data storage

- Input validation using try-except

How It Works:

1. JSON file stores vegetables with their type and price per kg.

2. Python code reads this file and displays a menu.

3. User selects vegetables and quantity.

4. Program adds each item to a list.

5. Once done, the total is shown and user chooses payment method.

6. Program prints confirmation message.

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