

## System Overview

### Part 1: Graphical User Interface (GUI)

The application starts with a GUI that displays the menu and any pending orders.

The GUI must be closed before switching to the Command Line Interface (CLI) for further operations.

### Part 2: File Handling

Cart details are stored in files named in the format `cart_<username>.csv` for each user.

Order details are logged in a central file named `kavya.csv`.

The system uses `.csv` files for input/output operations to manage cart and order data.

## Out-of-Stock Items

The system prevents customers from adding out-of-stock items to their cart. This is tested by attempting to add an unavailable item (Burger) and verifying that it is not present in the cart after the operation. This ensures the system correctly enforces stock availability rules.

Check if it is trying to add outof order item then it is error

## Cart Operations

### Adding Items

The test verifies that adding items to the cart updates the total price accurately. For example, when an in-stock item (Pizza), the test ensures the total reflects the item's price multiplied by the quantity.

It will check if the new value is equal to the prev value + new item value

### Modifying Quantities

Tests confirm that modifying an item's quantity updates the total price dynamically. After adding multiple items (Pizza and Fries), the quantity of an item is changed, and the expected total price is recalculated and compared against the updated cart.

Recheck the total and initial values

### Invalid Quantities

To prevent errors, the system disallows adding items with negative quantities. This functionality is tested by attempting to add an item with a negative value, ensuring the system rejects the action and enforces valid input

Return false if the quantity is negative.