

E-commerce Application

To design a user-friendly Graphical User Interface (GUI) for an e-commerce application, the following key features should be implemented:

1. Product List Display

- **Purpose:** This section will display a list of all available products.
- **Details:** For each product, the following details will be presented:
 - **Product Name:** Clearly visible to the user.
 - **Price:** The cost of the product.
 - **Quantity:** The available stock of each item.

2. Product Selection and Cart Management

- **Add to Cart:** Users will be able to select multiple products and add them to their shopping cart.
- **Quantity Adjustment:** before adding an item to the cart, users can:
 - **Increment** or **Decrement** the number of items they wish to purchase for each product and finally upon clicking the **Done** button the product will be added to the cart.

3. Cart Overview

- **Cart Display:** A separate list will show all the items added to the cart. For each item in the cart, the following information will be displayed:
 - **Product Name**
 - **Quantity Added:** Users can see how many units of each product have been selected.
 - **Total Price:** The price for each product (quantity * unit price).

4. Delete Button (Product Management)

- **Product Removal:** There will be a delete button to delete items from the product list.
- **Functionality:** When a product is deleted:
 - It will be **removed from both the product list** and the cart (if it has already been added).

5. Total Payable Amount and Order Summary

- **Order Summary:** A text area will be used to display a detailed breakdown of the user's order, including:
 - The **list of items** in the cart.
 - **Total Quantity:** The sum of all quantities of products.
 - **Total Payable Amount:** The final price after adding up the total cost for all products in the cart