Customer Portal – Online Grocery Store

1. Introduction

The Customer Portal of the Online Grocery Store allows users to browse products, manage personal accounts, and place orders with different check out and delivery options. It features a user-friendly interface with search, filtering, cart management, and integrated checkout options. The system is a part of a larger software system for online grocery stores.

2. Scope

This system will enable users to:
- Register and manage personal accounts
- Browse and search for grocery items
- Add items to a virtual cart and place orders
- Choose delivery options and manage addresses
- View order history

3. More Detailed Requirements

Develop a customer portal that can perform the following
• Must be database driven
   a) You may choose any database system
   b) Given that the internal portal is not a part of the implementation, items for sale can be preloaded into the database
• Create/Modify Customer Information
   a) Allow a customer to register for accounts and log in
   b) Allow a customer to add an address
• Create/Modify Shopping Cart
   a) Must show items in cart
   b) Support adding and deleting items in cart
• Check out Shopping Cart
   a) Must calculate taxes: assume 8.25% tax rate
   b) Must allow for discount codes
   c) Must allow more than one types of delivery
   d) Must show a summary of order and allow an order to be placed
   e) You do NOT need to handle the real payment
• Ability to Browse and Search Items:
   a) Search by Item/Description
   b) Sort by Price
   c) Sort by Availability
   d) Must Show Item Price
   e) Must Show Item Picture and Name

- Ability to Show History of Orders
    a) Sort by order date
    b) Sort by order size in dollar amount
- You must have an intuitive UI

Your group must decide what language to create this software, and it can be a web / mobile / PC application.