



NATIONAL UNIVERSITY
of Computer & Emerging Sciences

Quick Mart: A Grocery Management Store

by

(23L-0618 Hamza Naveed)

(23L-0647 Huzaifa Shabir)

(23L-3107 Hamda Saeed)

Instructor: Durraiz Waseem

Semester: Spring 25

Objective:

To develop an efficient and user-friendly **Grocery Store Management System** that allows store owners and employees to manage inventory, track customer and order details, store employee information along with roles, and maintain a record of all transactions for improved store operations.

Scope:

The **Grocery Store Management System** will provide the following functionalities:

1. **Stock Management:**
 - Maintain records of available stock, including product details, quantity, and pricing.
 - Automatically update stock levels when items are sold or restocked..
2. **Customer Details Storage:**
 - Store customer information for tracking purchases and personalized offers.
3. **Employee Management:**
 - Maintain employee details, including name, contact, and work schedule.
4. **Order Details Management:**
 - Track all **incoming orders** from customers, including product selection and quantity.
 - **Manage supplier orders** to ensure timely restocking of inventory.
 - Process customer orders efficiently with real-time stock updates.
5. **Menu Holding:**
 - Store and manage a **list of available products**, including categories and pricing.
 - Enable product addition, removal, and price updates.
6. **Transaction Tracking:**
 - Record all sales transactions, including product details, quantities, and timestamps.