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**User-stories**

**and**

**Sprints**

**for**

**QuickPick**

**Prepared by**

**Niyati Nagar**  
**Pankaj Mainani**

**202412051**  
**202412056**

# 1 User-stories

## User Authentication & Account Management

### User Story 1: User Authentication

- As a user, I want to create and manage my account securely so that I can access personalized features.

#### Sub-Stories:

- As a user, I can register using email or google authentication.
- As a user, I can login and log out securely.
- As a user, I can reset my password.
- As a user, I get an error message if I enter incorrect login credentials.

### User Story 2: User Profile Management

- As a user, I want to manage my profile so that I can personalize my shopping experience.

#### Sub-Stories:

- As a user, I can update my name and other details.
- As a user, I can add, edit, and delete multiple delivery addresses.
- As a user, I can change my password securely.
- As a user, I can view my purchase history.

### User Story 3: Admin User Management

- As an admin, I want to manage user accounts for security and compliance.

#### Sub-Stories:

- As an admin, I can view all registered users.
- As an admin, I can deactivate or delete user accounts.
- As an admin, I can assign roles (user/admin) for access control.

# **Product & Recipe Management**

## **User Story 4: Product Browsing & Search**

- **As a user, I want to browse and search for grocery products so that I can easily find what I need.**

### **Sub-Stories:**

- As a user, I can search for products by name or category.
- As a user, I can filter products by price and other parameters.
- As a user, I can sort products by newest, or lowest price.

## **User Story 5: Recipe-Based Shopping**

- **As a user, I want to browse recipes and add ingredients directly to my cart so that I can shop efficiently.**

### **Sub-Stories:**

- As a user, I can browse recipes.
- As a user, I can view recipe details, including ingredients.
- As a user, I can add all recipe ingredients to the cart with a single click.

## **User Story 6: Shopping Cart Management**

- **As a user, I want to manage my cart so that I can modify my grocery list before checkout.**

### **Sub-Stories:**

- As a user, I can add products to my cart.
- As a user, I can remove products from my cart.
- As a user, I can update product quantities before checkout.
- As a user, I can view a real-time total price update as items are added or removed.
- As a user, I can save my cart for later.

## **User Story 7: Admin Product Management**

- **As an admin, I want to manage products in the inventory so that stock levels remain accurate.**

### **Sub-Stories:**

- As an admin, I can add new products to the inventory.
- As an admin, I can edit existing product details.
- As an admin, I can remove outdated or unavailable products.
- As an admin, I can categorize products for better organization.
- As an admin, I can upload multiple images for each product.
- As an admin, I can track stock availability and set low-stock alerts.

## **Checkout & Payment Integration**

### **User Story 8: Checkout Process**

- **As a user, I want to complete my purchase smoothly so that I can receive my groceries.**

### **Sub-Stories:**

- As a user, I can review my cart before purchasing.
- As a user, I can choose a delivery address during checkout.
- As a user, I can see an estimated delivery date before placing my order.

### **User Story 9: Payment Processing**

- **As a user, I want to make secure payments so that my transactions are safe.**

### **Sub-Stories:**

- As a user, I can select a payment method (credit card, digital wallet, or cash on delivery).
- As a user, I can securely enter my payment details.
- As a user, I can receive confirmation after a successful payment.

## **User Story 10: Order Confirmation & Tracking**

- **As a user, I want to track my order so that I know when it will be delivered.**

### **Sub-Stories:**

- As a user, I can receive an order confirmation with my order details.
- As a user, I can check the status of my orders (Processing, Shipped, Delivered).

## **User Story 11: Admin Order Management**

- **As an admin, I want to manage customer orders so that deliveries run smoothly.**

### **Sub-Stories:**

- As an admin, I can view order details and statuses.
- As an admin, I can change order statuses (Processing, Shipped, Delivered).

## **Inventory & Stock Management**

### **User Story 12: Inventory Management**

- **As an admin, I want to track and manage stock levels so that products remain available.**

### **Sub-Stories:**

- As an admin, I can update stock levels in real time.
- As an admin, I can receive alerts for low-stock items.
- As an admin, I can mark products as out of stock.
- As an admin, I can restock products and update inventory records.

### **User Story 13: Recipe & Content Management**

- **As an admin, I want to manage recipes and promotional content so that users get updated information.**

### **Sub-Stories:**

- As an admin, I can add new recipes to the system.
- As an admin, I can edit existing recipes to keep them updated.
- As an admin, I can remove outdated or inaccurate recipes.

## **Performance, Security & Additional Features**

### **User Story 14: Performance Optimization**

- **As a user, I want the platform to be fast and responsive so that I have a smooth shopping experience.**

#### **Sub-Stories:**

- As a user, I can experience page loads under 2 seconds.
- As a user, I can search for products and get results within 1 second.
- As a user, I can add recipe ingredients to my cart in less than 2 seconds.
- As a user, I can experience a smooth UI with optimized images and caching.

### **User Story 15: Secure Transactions & Data Protection**

- **As a user, I want my personal and payment data to be secure so that I can shop with confidence.**

#### **Sub-Stories:**

- As a user, I can make payments with SSL encryption.
- As a user, my data is securely stored with encryption.
- As a user, I get logged out automatically after inactivity.