

Solution Requirements

Date: 30 January

Team ID: LTVIP2026TMIDS91482

Project Name: Shop Smart: Your Digital Grocery Store Experience

Maximum Marks: 4

1. Functional Requirements

User Registration & Login: Account creation, secure login, OTP password recovery.

Product Browsing: Category view, search, and filters.

Product Details: Show price, image, quantity, and availability.

Shopping Cart: Add/remove/update items and total calculation.

Order Placement: Address selection and delivery slot.

Payment System: COD and online payment support with invoice.

Order Tracking: Track order status updates.

Admin Panel: Manage products, stock, and orders.

Notifications: Order and delivery alerts.

2. Non-Functional Requirements

Performance: Load within 2–3 seconds, support multiple users.

Security: Encrypted passwords and secure payments.

Reliability: 24/7 availability with backup.

Usability: Simple and user-friendly interface.

Scalability: Handle increased users and products.

Compatibility: Works on mobile, tablet, desktop.

Maintainability: Easy updates and feature addition.