# Step 1: Team Gathering, Collaboration, and Selecting the Problem Statement

The team gathered to discuss challenges faced by users and vendors in the online grocery shopping space. After discussions and collaboration, the following problem statement was selected:

Problem Statement:

Modern grocery shoppers often face issues such as confusing navigation, delayed deliveries, and poor product availability updates. Similarly, sellers struggle with inventory management and efficient order handling. Our project, ShopSmart, aims to address these pain points by offering a smart, user-friendly, and secure digital grocery platform.

# Step 2: Brainstorming, Idea Listing, and Grouping

Idea Listing:

* Intuitive UI for easy navigation
* Product categorization & search filters
* Live stock availability updates
* Secure checkout and payment gateway
* Seller dashboard for inventory & order management
* User reviews & ratings
* Admin panel with analytics and monitoring tools
* Notifications for order status & offers
* Loyalty program and discount coupons
* AI-powered product recommendations

Idea Grouping:

1. User Experience Enhancements:
   * Intuitive UI/UX
   * Product filters & categorization
   * Reviews & ratings
   * AI recommendations
   * Notifications for status & offers
2. Backend & Seller Features:
   * Seller dashboard
   * Inventory tracking
   * Order management
3. System & Admin Tools:
   * Admin analytics panel
   * Stock updates
   * Secure payments

**Step 3: Idea Prioritization**

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| **Idea** | **Priority** | **Reason for Selection** |
| Intuitive UI & product search | High | Enhances accessibility and user engagement |
| Secure checkout system | High | Critical for user trust and transaction safety |
| Seller dashboard | High | Empowers vendors and streamlines order flow |
| Live stock availability updates | High | Prevents user frustration and improves transparency |
| Notifications (status/offers) | Medium | Encourages engagement and keeps users informed |
| AI-powered recommendations | Medium | Improves personalization but requires more resources |
| Admin analytics dashboard | Medium | Helps in business monitoring and decision-making |
| Loyalty programs & coupons | Low | Useful but not critical in MVP |