# 1. Project Overview

# Objective:

To gather, define, and document requirements for enhancing an existing e-commerce website with features such as wishlist, user reviews, product comparison, and improved filtering.

## Scope:

- Adding Wishlist functionality
- Enabling User Reviews & Ratings
- Product Comparison feature
- Enhanced product filters

### Out of Scope:

- Mobile app-specific features
- Redesign of payment gateway

### Stakeholders:

- End users (shoppers)
- Product owner
- UI/UX designers
- Development team
- QA team

## 2. MoSCoW Prioritization Matrix

- Wishlist for saving products
- User reviews and rating system
- Filtering products by price, rating, category
Should Have:
- Product comparison tool
- Verified buyer badges for reviews
Could Have:
- Like/Dislike options on reviews
- Social sharing of wishlist
Wont Have (for now):
- Integration with third-party review platforms
- Gamification of user reviews
3. User Stories with Acceptance Criteria

User Story 1: Add to Wishlist

As a shopper, I want to add products to a wishlist so that I can view and purchase them later.

Acceptance Criteria:

Must Have:

- Given I am logged in, when I click "Add to Wishlist", the product should be saved to my list.
- Wishlist should persist across sessions.

### User Story 2: Submit Review

As a verified buyer, I want to leave a rating and review for a product I purchased so that I can share my experience.

## Acceptance Criteria:

- Only verified buyers can submit reviews.
- Reviews must include a 1-5 star rating and text.
- User should receive confirmation upon submission.

#### User Story 3: View Reviews

As a shopper, I want to read reviews from other users so that I can make an informed purchase decision.

### Acceptance Criteria:

- Reviews should be sorted by date or rating.
- Display reviewer name, date, and rating.

### User Story 4: Compare Products

As a shopper, I want to compare features of multiple products side by side so that I can choose the best one.

### Acceptance Criteria:

- Users can select up to 4 products to compare.
- Comparison table should show attributes like price, brand, rating, etc.

#### User Story 5: Filter Products

As a shopper, I want to filter products based on multiple criteria so that I can find what suits my needs faster.

### Acceptance Criteria:

- Filters include price range, brand, rating, category.
- Filter updates product list dynamically.

# 4. Backlog Grooming Notes

- Prioritize features for next two sprints.
- Discuss dependency on user login system for wishlist and reviews.
- Assign UX wireframe creation to design team (Figma or Balsamiq).
- Finalize API contracts for reviews and wishlist before sprint planning.
- Product owner to confirm legal approval for showing user-generated content.

# 5. Wireframe Descriptions (Textual Placeholder)

- 1. Wishlist Page Wireframe:
  - Product image, name, price, "Add to Cart" button, remove from wishlist icon.
- 2. Product Review Section:
  - Star rating selector, text box for comments, submit button, success message.
- 3. Product Comparison Table:
  - Columns for each product, rows for attributes like price, brand, availability.
- 4. Product Listing Filters:
  - Left-side panel with checkboxes/sliders for category, brand, price, rating.