

## Product Backlog with Prioritized User Stories

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### 1. User Authentication (Priority: High)

1. **As a user**, I want to create an account using my email and password so that I can log in securely.
    - **Acceptance Criteria:**
      - User inputs email and password to sign up.
      - Error messages for invalid inputs (duplicate email, invalid password).
      - Password encryption before storing in the database.
  2. **As a user**, I want to log in using my credentials so that I can access my account.
    - **Acceptance Criteria:**
      - Login form with email and password fields.
      - Token-based authentication for session management.
  3. **As a user**, I want to recover my password via email so that I can regain access if I forget it.
    - **Acceptance Criteria:**
      - "Forgot Password" on the login page.
      - Email verification for password reset.
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### 2. Browsing and Searching Products (Priority: High)

4. **As a user**, I want to browse a catalog of clothes with images, names, and prices so that I can explore available products.
  - **Acceptance Criteria:**
    - Product list page with pagination.
    - Products sorted by default (e.g., latest first).
5. **As a user**, I want to filter products by category, and price so that I can find specific items easily.
  - **Acceptance Criteria:**
    - Multi-criteria filters displayed in a collapsible menu.
    - Filters dynamically update the product list.
6. **As a user**, I want to search for products by name or keywords so that I can quickly find what I am looking for.

- **Acceptance Criteria:**
    - Search bar.
    - Results displayed within 3 seconds after typing.
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### 3. Product Details (Priority: High)

7. **As a user**, I want to view detailed information about a product, including images, description, price, available sizes, and rating, so that I can decide whether to buy it.
    - **Acceptance Criteria:**
      - A dedicated product detail page.
      - Display of "In Stock" or "Out of Stock" status.
  8. **As a user**, I want to see related products on the product detail page so that I can discover similar items.
    - **Acceptance Criteria:**
      - Carousel of related products based on category or user preferences.
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### 4. Cart Management (Priority: High)

9. **As a user**, I want to add items to my cart so that I can purchase them later.
    - **Acceptance Criteria:**
      - "Add to Cart" button on the product detail page.
      - A cart icon showing the number of items in the cart.
  10. **As a user**, I want to remove items from my cart so that I can modify my purchase list.
    - **Acceptance Criteria:**
      - Confirmation prompt before removal.
  11. **As a user**, I want to view the total price of items in my cart, including tax and shipping, so that I know the final cost.
    - **Acceptance Criteria:**
      - Dynamic price calculation as items is added or removed.
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### 5. Wishlist (Priority: Medium)

12. **As a user**, I want to add products to my Wishlist so that I can save them for future purchases.

- **Acceptance Criteria:**
  - "Add to Wishlist" button on product cards.

13. **As a user**, I want to remove items from my Wishlist so that I can keep it organized.

- **Acceptance Criteria:**
    - remove functionality in the Wishlist.
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## 6. Checkout and Payment (Priority: High)

14. **As a user**, I want to enter my shipping address during checkout so that my order can be delivered to the correct location.

- **Acceptance Criteria:**
    - Form validation for address inputs.
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## 7. Order Management (Priority: High)

17. **As a user**, I want to view my past orders with details so that I can track my purchase history.

- **Acceptance Criteria:**
  - Order history page showing product names, dates, and statuses.

18. **As a user**, I want to track the delivery status of my current orders so that I know when to expect them.

- **Acceptance Criteria:**
  - Real-time order tracking with statuses like "Shipped" and "Delivered".

19. **As a user**, I want to cancel an order before it ships so that I can avoid unwanted purchases.

- **Acceptance Criteria:**
    - "Cancel Order" button for eligible orders.
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## 8. Seller Features (Priority: Medium)

20. **As an admin**, I want to add, update, or delete products so that the catalog remains up-to-date.

- **Acceptance Criteria:**
  - Admin panel with product management functionality.
  - Validation for product details (e.g., price must be positive).

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## 9. User Reviews and Ratings (Priority: Low)

22. **As a user**, I want to leave a review and rating for purchased products so that I can share my experience.

- **Acceptance Criteria:**

- Review submission form with text and a star rating.
  - Reviews displayed on the product detail page.
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## 10. Admin Management (Priority high)

### User Story: Accept Seller

23. **As an admin**, I want to accept a seller after reviewing their application, So that they can list products and sell on the platform.

- **Acceptance Criteria:**

- The admin can view a list of pending seller applications.
- The admin can approve a seller by clicking an "Accept" button.
- The accepted seller can now access their seller dashboard and start listing products.

### User Story: Remove Seller or Customer

24. **As an admin**, I want to remove a seller or customer from the platform, So that I can manage users who violate platform rules or are no longer needed.

- **Acceptance Criteria:**

- The admin can search for and select a seller or customer from the user list.
- The admin can click a "Remove" button next to the user's name.
- The user's account should be deleted permanently from the platform.

### User Story: Remove Products

25. **As an admin**, I want to remove products listed by sellers, So that I can manage the product catalog and remove inappropriate or invalid products.

- **Acceptance Criteria:**

- The admin can view a list of all products in the product catalog.

- The admin can select a product and click a "Remove" button.
- The product should be removed from the marketplace and no longer visible to customers.

#### **User Story: Make Seller Inactive**

26. **As an admin**, I want to make a seller inactive,  
So that they can no longer list new products or access their seller dashboard.

- **Acceptance Criteria:**

- The admin can view a list of sellers.
  - The admin can select a seller and click a "Make Inactive" button.
  - The inactive seller should no longer be able to list new products.
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