

# Thrift Shop Management System

## Functional Requirements:

### 1. Inventory Management

- Admin can access and manage the inventory
- Admin can add, edit, and remove items
- Admin can track the quantity of items

### 2. Donations Management

- Admin can track donated items and donor information

### 3. Order Tracking History

- Admin can monitor the history of client orders

### 4. Add to Cart

- User can add, remove, and edit products in the cart
- User can proceed to checkout from the cart

### 5. Wish List

- User can add out-of-stock products to their wish list
- User receives notifications when wish list items are restocked

### 6. Contact

- User can contact the admin for inquiries or assistance

### 7. Search

- User can search for products within the system

#### 8. Sort

- User can sort products by various criteria (e.g., price, type)

#### 9. Block

- User can hide specific items from their view

#### 10. Data Save

- User can save personal information for convenience in future interactions

#### 11. Reports Generation

- Admin can generate monthly sales reports

#### 12. Product Details

- User can view detailed information about a product

#### 13. Alerts

- Admin receives notifications for low or out-of-stock items

#### 14. Return or Refund

- User can request returns or refunds, managed by admin

#### 15. Donor Recognition

- Admin can identify and acknowledge top donors

#### 16. Discount

- Admin can apply discounts to selected products

#### 17. Checkout Notification

- User receives email notifications after making a purchase, showing order details

## 18. Product Tags and Categories

- Admin can add tags and categorize products for improved searchability

## Non-Functional Requirements:

### 1. Scalability

- System should handle a large user base without performance degradation

### 2. Usability

- User interface should be intuitive and interactive

### 3. Data Integrity

- Data stored in the system must remain consistent and accurate

### 4. Security

- User data should be stored securely and protected from unauthorized access