

## **Admin Panel Page:**

### **1. Dashboard:**

- **A summary view displaying key metrics:**
  - **Total Products:** Count of all available products.
  - **Total Orders:** Count of all orders (completed, pending, etc.).
  - **Total Customers:** Count of registered customers.
  - **Stock Overview:** Quick view of low stock or out-of-stock products.

### **2. Product Management:**

- **Product List:** Display all products with details like:
  - **Product Name**
  - **Price**
  - **Stock Status**
  - **Category**
  - **Option to Edit or Delete**
- **Add New Product:** A form to add new products (name, description, price, stock, images, etc.).
- **Edit Product:** Ability to modify existing product details.
- **Stock Update:** Option to update product stock or mark products as out of stock.

### **3. Order Management:**

- **Order List:** Display a list of all orders with:
  - **Order ID**
  - **Customer Name**
  - **Order Status** (Pending, Shipped, Delivered, etc.)
  - **Payment Status**
  - **Shipping Status**
- **View Order Details:** Ability to view detailed order information (products ordered, quantities, shipping address, payment method).
- **Update Order Status:** Option to change order status (e.g., from "Pending" to "Shipped").
- **Track Shipments:** View tracking information for each order.

### **4. Customer Management:**

- **Customer List:** Display all customers with details such as:
  - **Name**
  - **Email**
  - **Order History**
  - **Shipping Addresses**
- **View Customer Profile:** View detailed customer profile including their orders, saved payment methods, and addresses.
- **Send Message:** Ability to send messages or notifications to customers (e.g., order updates).

### **5. Stock Overview:**

- **Low Stock Alert:** Highlight products that are low on stock or out of stock.

- **Stock Management:** Option to manually update stock levels for individual products.
- **Restock Notifications:** Option to set automatic alerts for products that need to be restocked.

**6. Analytics & Reports:**

- **Sales Reports:** View daily, weekly, or monthly sales data.
- **Order Status Analytics:** Visual representation of orders by status (pending, shipped, delivered, etc.).
- **Revenue Overview:** Display total revenue generated over a specified period.

**7. Settings & Configuration:**

- **Payment Configuration:** Manage payment gateway settings (Stripe).
- **Shipping Settings:** Configure shipping methods, integrate ShipEngine for label generation and tracking.
- **Product Categories:** Manage product categories and ensure they are correctly linked to products.
- **Admin User Management:** Ability to add or remove admin users with different roles (e.g., full access, read-only access).

**8. Notifications:**

- **Order Alerts:** Notifications for new orders, pending orders, or orders requiring attention.
- **Stock Alerts:** Alerts when a product is out of stock or when stock levels are low.