**Simple E-Commerce Application**

**Overview**

You are required to develop a simple e-commerce application using ASP.NET Core MVC and SQL Server. This application will allow users to browse products, manage a shopping cart, and place orders.

**Project Requirements**

1. **User Authentication**
   * Implement user registration and login using ASP.NET Core Identity.
   * Include features for password reset and user profile management.
2. **Product Management**
   * Create a Product Model with the following properties:
     + Product ID
     + Name
     + Description
     + Price
     + Image URL
     + Quantity in stock
   * **Admin Features:**
     + Admins should be able to create, read, update, and delete products.
     + Display a list of all products with options for managing them.
3. **Shopping Cart**
   * Users can view available products.
   * Users can add products to their shopping cart.
   * Users should be able to view the contents of their cart.
   * Allow users to remove items or update quantities in their cart.
4. **Order Placement**
   * Users can place orders for items in their cart.
   * Collect shipping information (name, address).
   * Store order details in the database, linking orders to the user.
5. **Order History**
   * Users can view their order history and details of past orders.

**Event Management System**

**Overview**

You are required to develop an event management system using **ASP.NET Core MVC** and **SQL Server**. This application will allow users to browse upcoming events, register for events, and manage their own created events.

**Project Requirements**

1. **User Authentication**
   * Implement user registration and login using ASP.NET Core Identity.
   * Include features for password reset and user profile management.
   * Registered users can register for events and create new events.
2. **Event Management**
   * Create an Event Model with the following properties:
     + Event ID
     + Event Name
     + Description
     + Date and Time
     + Location
     + Organizer (linked to the user who created it)
   * **Admin Features:**
     + Admins should be able to create, read, update, and delete events.
     + Admin can see a list of all registered users for each event.
3. **Event Registration**
   * Users can view upcoming events.
   * Users can register for an event.
   * Users should be able to view their registered events.
   * Admin can see a list of users who registered for any event.
4. **User's Created Events**
   * Users who create events can manage them.
   * Users can update, delete, or modify details of events they have created.
   * Users can see a list of participants for events they created.
5. **Event Search & Filtering**
   * Allow users to search for events based on event name, location, or date.
   * Users should be able to filter events by date or category (if applicable).
6. **Event Details Page**
   * Each event should have a detailed page that shows full event information (name, date, time, description, location, organizer, etc.).
   * Show the list of users who have registered for the event.

**Database Design**

* **SQL Server Database**:
  + **Users Table**: Managed by ASP.NET Core Identity.
  + **Events Table**: To store event details.
  + **EventRegistrations Table**: To store registrations for events (many-to-many relationship between users and events).