Test application assignment for .net developer

This is a simple store application that is intended to test the main skills required for the role and give you a chance to showcase your abilities.

**Business Requirements:**

The application is a website that allows users to order products. Here are the some business details:

Products have Name, Description, Url and Price. Products have Categories as well: Organic Products, Meat Products, Fish and Seafood, Frozen Products, Sweets. User can add products into Order, selecting quantity of products. After selecting the products and quantities, user can checkout the order and during checkout should fill following fields Address,City, Country, Email,, FirstName, LastName, OrderDate, Phone ,PostalCode, State, Total, Username.

The website will have 4 pages:

1. **Store Page**: This page displays all the products. Products list can be grid or ribbon list (up to you). User can allow products by their categories. User should be able to add products into shopping cart by increasing/decreasing quantity. After adding product into cart should be redirected into Shopping cart review page
2. **Shopping Cart page**:This page displays all selected products in grid. Grid should have following columns: Name, Price, Quantity and also should have one action column for removing the product from the shopping cart. Name Column should have link content which will redirect to the details of product. Under Action column user can see the total price of shopping cart products. Also there should be link button with checkout name which will redirect to Payment page for purchasing the products
3. **Payment Page** This page displays address and payment information. The page should display the form with shipping information. The Form contains following input boxes, First Name, Last Name, Address, City, State, Postal Code, Country, Phone Email, And has submit button. First Name, Last Name Address and Email are required fields
4. **Product Detail Page** This page should show Name, Image, Price and category of product. There should be button to redirect into products page

All pages should have main menu with navigation.

**Technical Requirements:**-

* You should use ASP.NET MVC 5 (use razor view engine) or higher for UI
* Please use .Net Web API for data providing service
* EF5 or higher as ORM (The method of EF up to you)
* Please use the best practices you know and apply the design patterns you believe are fit for the solution like Repository pattern, Dependency Injection etc
* The code may be pushed to a Github repository
* The code should be testable through unit tests
* If you able integrate authorization engine, logging infrastructure and etc it will be plus