### ****Technology Stack****

You'll need to categorize the technologies used in different layers:

#### ****Frontend (Client-Side)****

* **HTML, CSS, JavaScript** – Standard web technologies for UI.
* **Bootstrap** – For responsive design and UI styling.
* **Razor Views** – Used in **ASP.NET Core MVC** for server-side rendering.

#### ****Backend (Server-Side)****

* **ASP.NET Core MVC** – Web framework for building the application.
* **C#** – Primary programming language.
* **Entity Framework Core** – ORM for database access.
* **Repository Pattern + Unit of Work** – Used for database interactions.
* **Stripe API** – For handling online payments.

#### ****Database Layer****

* **Microsoft Azure SQL Database** – Cloud-hosted database.
* **EF Core Migrations** – For database schema management.

#### ****Security & Authentication****

* **ASP.NET Identity** – User authentication and authorization.
* **AES-256 Encryption** – For sensitive data (passwords, transactions).
* **HTTPS** – Enforced for secure communication.

#### ****Deployment & Hosting****

* **Microsoft Azure** – Hosting and cloud services.
* **Azure App Services** – Web app hosting.
* **Azure SQL Database** – Managed database service.

#### ****Version Control****

* **Git & GitHub** – Version control and code management.