Order & Invoicing System

Technologies to use: Asp.Net MVC, Entity Framework, SQL Server

#### Database: Create database as per following schema in your database.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Customer\_Master |  | Order |  | Order\_LineItem |  | Product\_Master |
| Id |  | Id |  | Id |  | Id |
| Name |  | CustomerId |  | OrderId |  | ProductName |
| Address |  | OrderDate |  | ProductId |  | Category |
| City |  | ScheduledDeliveryDate |  | Quantity |  | Rate |
| PinCode |  | TotalOrderPrice |  | Price |  | GSTRate |
| ContactNo |  | TotalGST |  | GST |  |  |
| EmailId |  |  |  | TotalPrice |  |  |

* Customer\_Master to Order: One to many relationship on CustomerId
* Order to Order\_LineItem: One to many relationship on OrderId
* Product\_Master to Order\_LineItem: One to Many relationship on ProductId
* Order.TotalOrderPrice: Column auto calculated by business logic, User should not be able to add or edit.
* Order.TotalGST: Column auto calculated by business logic, User should not be able to add or edit.

#### Implement fully functional views as per details given below:

**Part 1:** Use Visual Studio Scaffolding feature to **generate** Create, Edit, Delete, Details ad List View using Entity Framework templates for Asp.Net MVC Razor views for all database entities viz. Customer\_Master, Order, Order\_LineItem, Product\_Master.

**Part 2:** On the **List** View of **Order** entity, add one Action Link called “**Invoice**”. By clicking on Invoice action, following **Read-only html** view should appear.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer Name :** <Customer Name> | | |  |  | **Order Date:** <Order date> | | |
| **Address:** <Address, City, PinCode> | | |  |  | **Delivery Date:** <Delivery Date> | | |
|  |  |  |  |  | **Bill Date:** <Today's Date> | | |
| **Sr. No.** | **Product** | **Rate** | **Quantity** | **Value** | **GST Rate** | **GST** | **Total Price** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Total GST: |  |  |
|  |  |  |  |  | Order Total: |  |  |