Create a small order creating application using .NET and angular

1. **Product can be selected from dropdown**

* Pull all the produsts from tbl Products Table

viewbag. getProductsList = db.Products.select(s.ProductName).ToList();

@Html.DropDownListFor(m => m.ProductName , ViewBag. getProductsList as SelectList, new {@class = "form-control"})

* Apply java script for searching product (auto complete) to search product by Product name

var getProducts = db.Products.Where(u => u.ProductName.Contains (“PassingString”). ToList ();

you will get the similar product on the dropdown

1. **Order can be created with multiple items and Order list with sort/filter**

* Customer can select the multiple product from dropdown and it shows on data table (grid)in order by asc or desc

1. **Every row has the facility to add and remove items**

* If customer clicks on (+) add and (-) remove
* If quantity is 0 then the product is removed from the list

1. **Tax should be optional**

* Provide checkbox for tax inclusion

1. **Click on the order button for confirm the order**
2. **There are 2 cases for checkout (Placing order)**
3. Registered Customer
4. Guest Customer

1.Registered Customers

For these customers the shipping details are automatically populated from the customer details table while checkout

1. Guest Customer

For these customers the customer is required to fill in the shipping details while checkout

**Flow Diagram of Execution**

Search product on the list by using auto complete functionality

Product List is populated on the dropdown

Select the product from the list and it gets added to the grid

In the grid , every row has the facility to add and remove product

If the customer clicks (+) add and if (-) remove

If quantity is 0 then the product is removed from the grid

Provide checkbox for tax inclusion

Click Order confirmation button

Registered Customer

Yes

No

For these customers the shipping details are automatically populated from the customer details table while checkout

For these customers the customer is required to fill in the shipping details while checkout