FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

# Ice Cream Shop Management System

| | | |
|---|---|---|
| **Supervisor:** | Ms. Le Mong Thuy | |
| **Semester:** | 3 | |
| **Batch No:** | T1.1804.M1 | |
| **Group No:** | 5 | |
| **Order:** | **Full name** | **Roll No.** |
| 1. | Bui Van Huong | Student1093630 |
| 2. | CHAU THANH PHONG | Student1088413 |
| 3. | DANG NGUYEN DAN LINH | Student1053724 |
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| 5. | MAI HOANG MINH TIEN | Student1057354 |

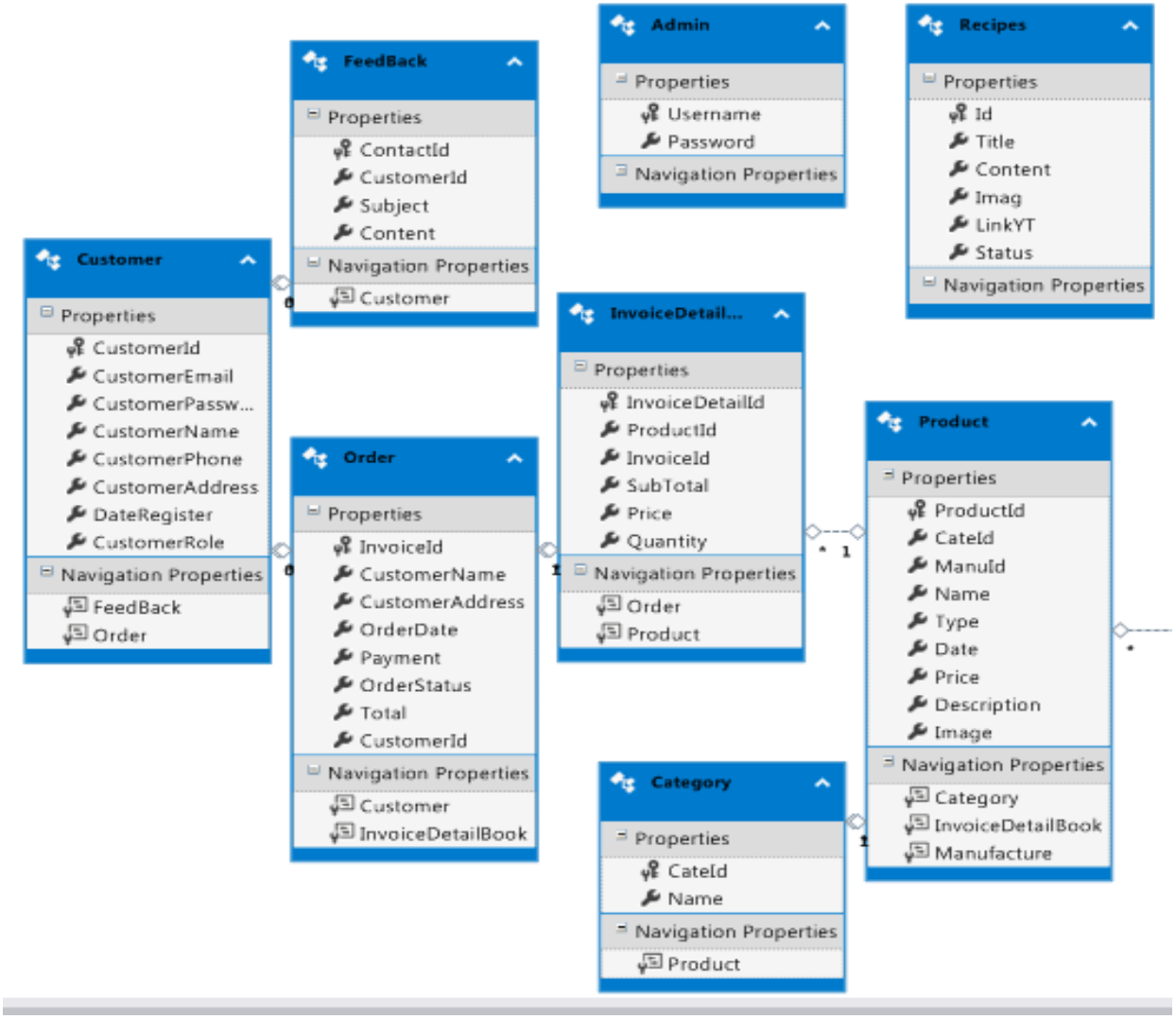
Month: July Year: 2019

# Contents

# REVIEW 3

# I. DATABASE DESIGN

## 1. Database Design Diagram



# 2. Database Structure

## 2.1. Table Admin

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | Username | varchar(20) | No | **admin** | PK | | Admin's Username |
| 2 | Password | varchar(20) | No | **123456** | | | Admin's Password |

## 2.2. Table Customer

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | CustomerId | int | No | Identity(1,1) | **PK** | | User's ID |
| 2 | CustomerPassword | varchar(50) | Yes | | | | User's Password |
| 3 | CustomerName | varchar(50) | Yes | | | | User's Name |
| 4 | CustomerPhone | varchar(100) | Yes | | | | User's Phone |
| 5 | CustomerAddress | datetime | Yes | | | | User's Address |
| 6 | DateRegister | varchar(50) | Yes | | | | User's Date Regist |
| 7 | CustomerRole | tinyint | Yes | | | | User's Role |
| 8 | CustomerEmail | varchar(50) | Yes | | | | User's Email |

## 2.3. Table Feedback

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | ContactId | int | No | Identity(1,1) | PK | | Feedback's ID |
| 2 | CustomerId | Int | No | | **FK** | User(ID) | User's ID |
| 3 | Subject | varchar(500) | No | | | | Feedback's Subject |
| 4 | [Content] | varchar(30) | No | | | | Feedback's Content |

## 2.4. Table Category

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | CateId | Int | No | Identity(1,1) | PK | Category's ID |
| 2 | Name | varchar(50) | No | | | Category's Name |

### 2.5. Table Product

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | ProductId | int | No | Identity(1,1) | PK | | Product's ID |
| 2 | CateId | int | No | | FK | Category (CateId) | Category's ID |
| 3 | ManuId | int | No | | FK | Manufacture (ManuId) | Manufacture's ID |
| 4 | Name | varchar(50) | No | | | | Product's Name |
| 5 | Type | varchar(50) | No | | | | Product's Type |
| 6 | Date | datetime | No | | | | Recipe Date |
| 7 | Price | double | No | | | | Product's Price |
| 8 | Description | varchar(1000) | No | | | | Product's Description |
| 9 | Image | varchar(50) | No | | | | Product's Image |

### 2.6. Table Recipes

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | Id | int | No | identity(1,1) | PK | | Recipe's ID |
| 2 | Title | varchar(100) | Yes | | | | Recipe's Ttile |
| 3 | [Content] | text | Yes | | | | Recipe's Content |
| 4 | Imag | text | Yes | | | | Recipe's Image |
| 5 | LinkYT | text | Yes | | | | Recipe's Link |
| 6 | Status | varchar(10) | Yes | | | | Recipe's Status |

### 2.7. Table Order

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | InvoiceId | int | No | Identity(1,1) | PK | | Order's ID |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | CustomerId | int | No | | FK | Customer(CustomerId) | Customer's ID |
| 3 | CustomerName | varchar(50) | No | | | | Order's Customer Name |
| 4 | CustomerAddress | varchar(50) | No | | | | Order's Customer Address |
| 5 | OrderDate | datetime | No | | | | Order Date |
| 6 | Payment | varchar(20) | No | | | | Payment |
| 7 | OrderStatus | bit | No | | | | Order Status |
| 8 | Total | int | No | | | | Total |

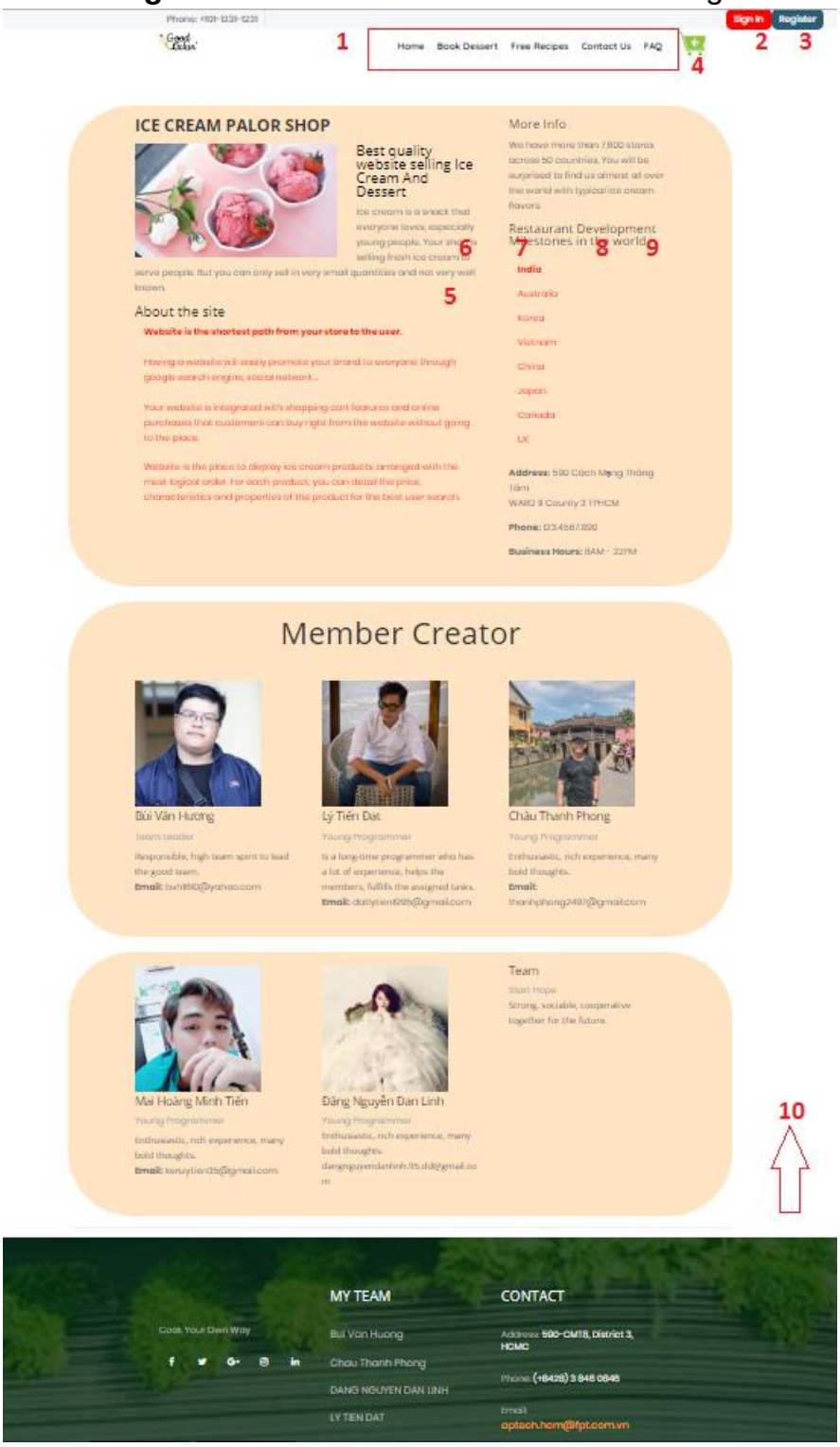
### 2.8. Table InvoiceDetailBook

| No | Field Name | Data Type | Null | Default | Key | Reference Table | Description |
|---|---|---|---|---|---|---|---|
| 1 | InvoiceDetailId | int | No | identity(1,1) | PK | | OrderDetails's ID |
| 2 | InvoiceId | int | No | | FK | Order (OrderId) | Order's ID |
| 3 | ProductId | int | No | | FK | Product (ProductId) | Product's ID |
| 4 | Price | double | No | | | | Product's Price |
| 5 | Quantity | int | No | | | | Product's Quantity |
| 6 | SubTotal | double | No | | | | Product's Sub Total |

# II. GUI DESIGN

## 1. User Interface

### 1.1. **Home Page:** Introduce the website with the navigation bar links.



| No | Name | Type | Source Code | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Navigation Bar | Hyperlink | | Click | Choose & click to go to sub pages | Enable |
| 2 | Login | Hyperlink | | Click | Click to go to login page | Enable |
| 3 | Register | Hyperlink | | Click | Click to go to register page | Enable |
| 4 | Cart | Hyperlink | Figure 1 | Click | Click to go to cart page | Enable |
| 5 | Form About Us | TextBox | Figure 2 | Focus | Information about website | Enable |
| 6 | Book Dessert | Hyperlink | | Click | Click to go to Book product page | Enable |
| 7 | Free Recipes | Hyperlink | | Click | Click to go to Recipes page(login to see Full Recipes) | Enable |
| 8 | FAQ | Hyperlink | Figure 1 | Click | Frequently asked questions | Enable |
| 9 | Conatct | Hyperlink | Figure 1 | Click | Send feedback | Enable |
| 10 | Footer | Hyperlink | Figure 3 | Click | Some information to contact with clinic | Enable |

## Source code:

## View:

```
                                }

                            </ul>
                        </div>
                    </div>
                </div>
            </div>
            <!-- LOGO AND MENU SECTION -->
            <div class="top-logo" data-spy="affix" data-offset-top="250">
                <div class="container">
                    <div class="row">

                        <div class="col-md-1 wed-logo">
                            <a href='@Url.Action("Index","Home")'>  <img src="~/Images/OCM.jpg" style="width:auto; height:auto;margin-bottom:-9px;"></a>

                        </div>
                        <div class="col-md-1">

                        </div>
                        <div class="main-menu col-lg-8">

                            <ul>
                                <li><a href="@Url.Action("Index","Home")">Home</a></li>
                                <!--<li><a class='dropdown-button ed-sub-menu' href='#' data-activates='dropdown1'>Courses</a></li>-->
                                <li>
                                    <a href="@Url.Action("Book","Product")">Book Dessert</a>
                                </li>
                                <li>
                                    <a href="@Url.Action("FreeRecipes","Home")">Free Recipes</a>
                                </li>
                                <li>
                                    <a href="@Url.Action("Contact","Contact")">Contact Us</a>
                                </li>
                                <li>
                                    <a href="@Url.Action("FAQ","FAQ")">FAQ</a>
                                </li>
                                @if (Session["email"] != null)
                                {
                                    <li> <a href="@Url.Action("Orderhistory","Shoppingcart")">Order History</a></li>
                                }

                                    <li>
                                        <a href="~/ShoppingCart/Index"><img src="~/images/Cart3.jpg" height="62" width="55" /></a>
                                        </li>
            </ul>
                        </div>
```

7 %

*Figure 1*

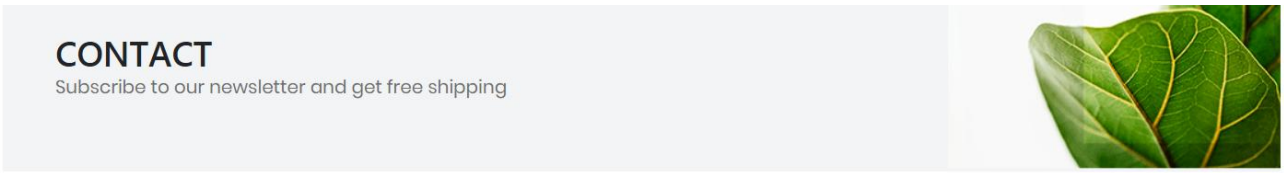
```
<footer class="footer-area bg-img" style=" background-image: url('../../images/35.jpg');">
    <!-- Main Footer Area -->
    <div class="main-footer-area">
        <div class="container">
            <div class="row">

                <!-- Single Footer Widget -->
                <div class="col-12 col-sm-6 col-lg-3">
                    <div class="single-footer-widget">
                        <div class="footer-logo mb-30">
                            <a href="#"><img src="img/core-img/logo.png" alt=""></a>
                        </div>
                        <p>Cook Your Own Way</p>
                        <div class="social-info">
                            <a href="https://www.facebook.com/aptech.fpt/?ref=br_rs" target="_blank"><i class="fa fa-facebook" aria-hidden="true"></i></a>
                            <a href="https://twitter.com/?lang=en" target="_blank"><i class="fa fa-twitter" aria-hidden="true"></i></a>
                            <a href="https://plus.google.com" target="_blank"><i class="fa fa-google-plus" aria-hidden="true"></i></a>
                            <a href="https://www.instagram.com/?hl=en" target="_blank"><i class="fa fa-instagram" aria-hidden="true"></i></a>
                            <a href="https://vn.linkedin.com/" target="_blank"><i class="fa fa-linkedin" aria-hidden="true"></i></a>
                        </div>
                    </div>
                </div>

                <!-- Single Footer Widget -->


                <!-- Single Footer Widget -->
                <div class="col-12 col-sm-6 col-lg-3">
                    <div class="single-footer-widget">
                        <div class="widget-title">
                            <h5>My Team</h5>
                        </div>

                        <!-- Single Best Seller Products -->
                        <div class="single-best-seller-product d-flex align-items-center">
                            <div class="product-info">
                                <a href="#">Bui Van Huong</a>
                            </div>
                        </div>
                        <!-- Single Best Seller Products -->
                        <div class="single-best-seller-product d-flex align-items-center">
                            <div class="product-info">
                                <a href="#">Chau Thanh Phong</a>
                            </div>
                        </div>
```

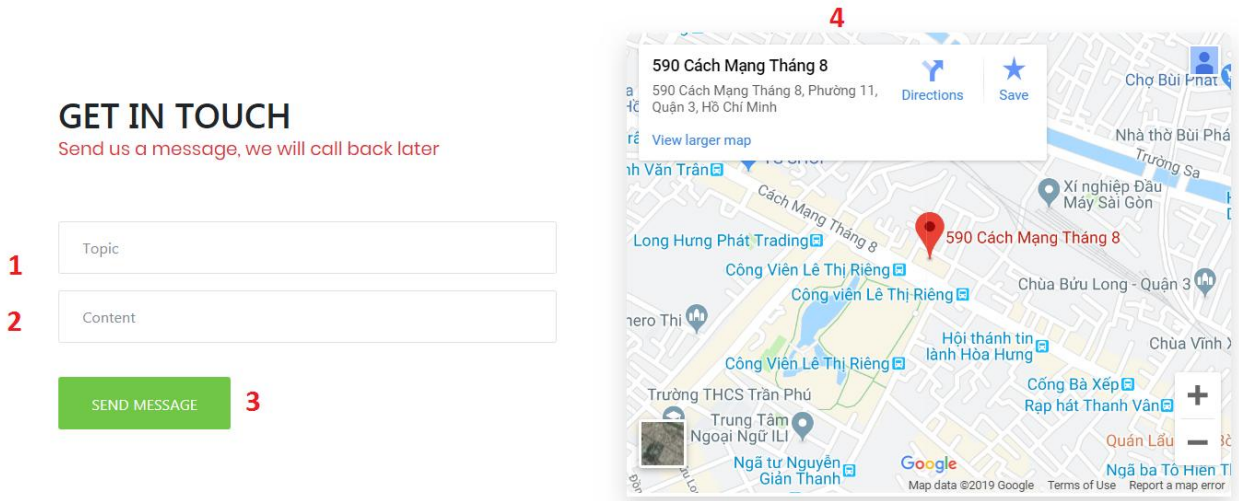
*Figure 2*


```
<footer class="footer-area bg-img" style=" background-image: url('../../images/35.jpg');">
    <!-- Main Footer Area -->
    <div class="main-footer-area">
        <div class="container">
            <div class="row">

                <!-- Single Footer Widget -->
                <div class="col-12 col-sm-6 col-lg-3">
                    <div class="single-footer-widget">
                        <div class="footer-logo mb-30">
                            <a href="#"><img src="img/core-img/logo.png" alt=""></a>
                        </div>
                        <p>Cook Your Own Way</p>
                        <div class="social-info">
                            <a href="https://www.facebook.com/aptech.fpt/?ref=br_rs" target="_blank"><i class="fa fa-facebook" aria-hidden="true"></i></a>
                            <a href="https://twitter.com/?lang=en" target="_blank"><i class="fa fa-twitter" aria-hidden="true"></i></a>
                            <a href="https://plus.google.com" target="_blank"><i class="fa fa-google-plus" aria-hidden="true"></i></a>
                            <a href="https://www.instagram.com/?hl=en" target="_blank"><i class="fa fa-instagram" aria-hidden="true"></i></a>
                            <a href="https://vn.linkedin.com/" target="_blank"><i class="fa fa-linkedin" aria-hidden="true"></i></a>
                        </div>
                    </div>
                </div>

                <!-- Single Footer Widget -->


                <!-- Single Footer Widget -->
                <div class="col-12 col-sm-6 col-lg-3">
                    <div class="single-footer-widget">
                        <div class="widget-title">
                            <h5>My Team</h5>
                        </div>

                        <!-- Single Best Seller Products -->
                        <div class="single-best-seller-product d-flex align-items-center">
                            <div class="product-info">
                                <a href="#">Bui Van Huong</a>
                            </div>
                        </div>
                        <!-- Single Best Seller Products -->
                        <div class="single-best-seller-product d-flex align-items-center">
                            <div class="product-info">
                                <a href="#">Chau Thanh Phong</a>
                            </div>
                        </div>
```


*Figur*

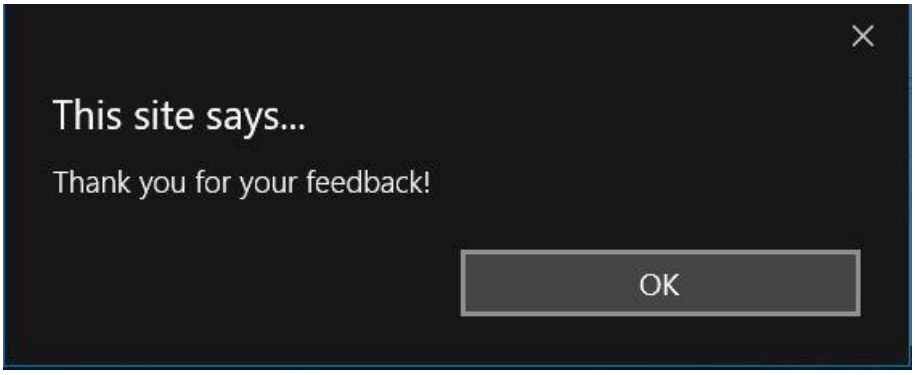
**1.2. Contact Us Page:** Show contact information of clinic & feedback form for user. (must login first to send feedback)



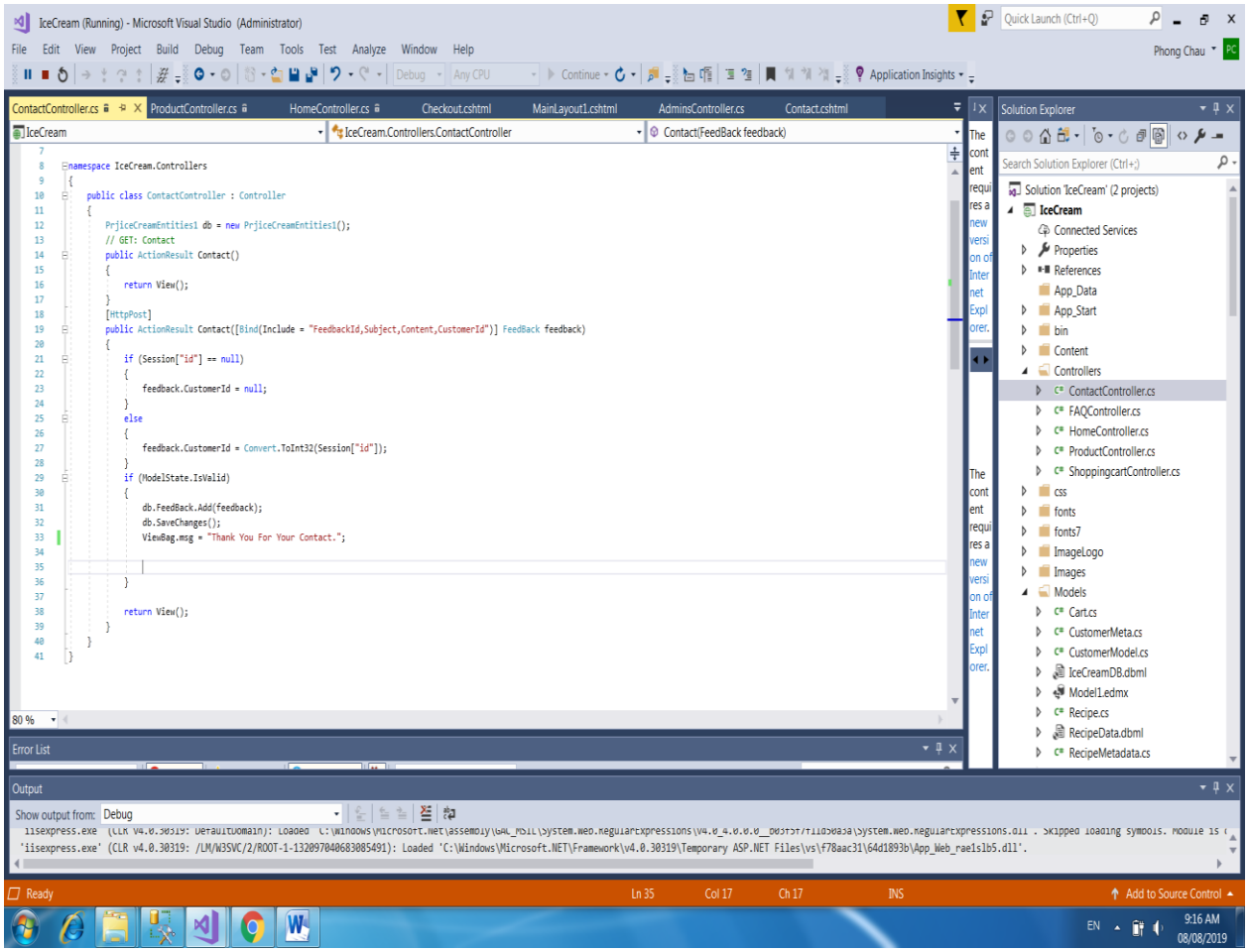

| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Subject | Textbox | - Not null<br>- Max length:50 | Focus | Input feedback's subject | Enable |
| 2 | Message | Textbox | - Not null<br>- Max length:500 | Focus | Input feedback's content | Enable |
| 3 | Send Message | Button | | Click | Click to send feedback | Enable |
| 4 | Map | | | | Location of My Store | Enable |

If send feedback successfully, a notification will appear, click to go back contact page:




**Source code:**

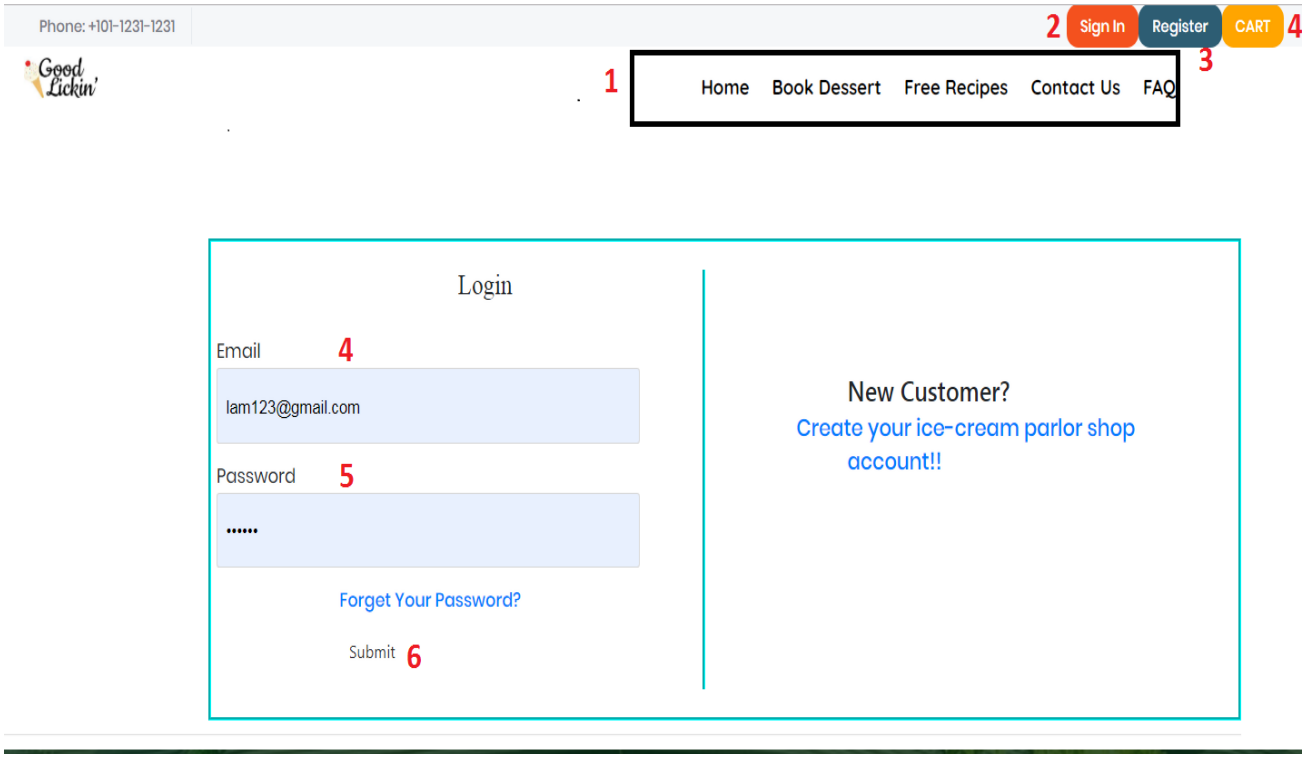
## Controller:


IceCream (Running) - Microsoft Visual Studio (Administrator)
ContactController.cs
ProductController.cs
HomeController.cs
Checkout.cshtml
MainLayout1.cshtml
AdminsController.cs
Contact.cshtml
Solution Explorer
Solution 'IceCream' (2 projects)
IceCream
Controllers
ContactController.cs
FAQController.cs
HomeController.cs
ProductController.cs
ShoppingcartController.cs
Models
Error List
Output
Ready

## View:

```
    }
    <!-- ##### Subscribe Area Start ##### -->
<section class="subscribe-newsletter-area" style="background-image: url('../../images/subscribe.png');">
    <div class="container">
        <div class="row align-items-center justify-content-between">
            <div class="col-12 col-lg-5">
                <!-- Section Heading -->
                <div class="section-heading mb-0">
                    <h2>Contact</h2>
                    <p>Subscribe to our newsletter and get free shipping</p>
                </div>
            </div>
            <div class="col-12 col-lg-6">
            </div>
        </div>
    </div>

    <!-- Subscribe Side Thumbnail -->

</section>
    <!-- ##### Subscribe Area End ##### -->
    <!-- ##### Contact Area Start ##### -->
<section class="contact-area section-padding-100-0">
    <div class="container">
        <div class="row align-items-center justify-content-between">
            <div class="col-12 col-lg-5">
                <!-- Section Heading -->
                <div class="section-heading">
                    <h2>GET IN TOUCH</h2>

                        <p class="text-success">Send us a message, we will call back later</p>
                </div>
                <!-- Contact Form Area -->
                <div class="contact-form-area mb-100">

                        @using (Html.BeginForm("Contact", "Contact", FormMethod.Post))
                        {

                            <div class="row">
                                <div class="col-12 col-sm-6">
                                    <div class="form-group">
                                        @Html.ValidationMessageFor(model =>model.CustomerId, "", new { @class = "text-danger" })
                                        @Html.HiddenFor(model => model.CustomerId, new { htmlAttributes = new { @class = "form-control" } })
                                    </div>
                                </div>
                                @Html.ValidationSummary(true)
                                <div class="col-12">
```

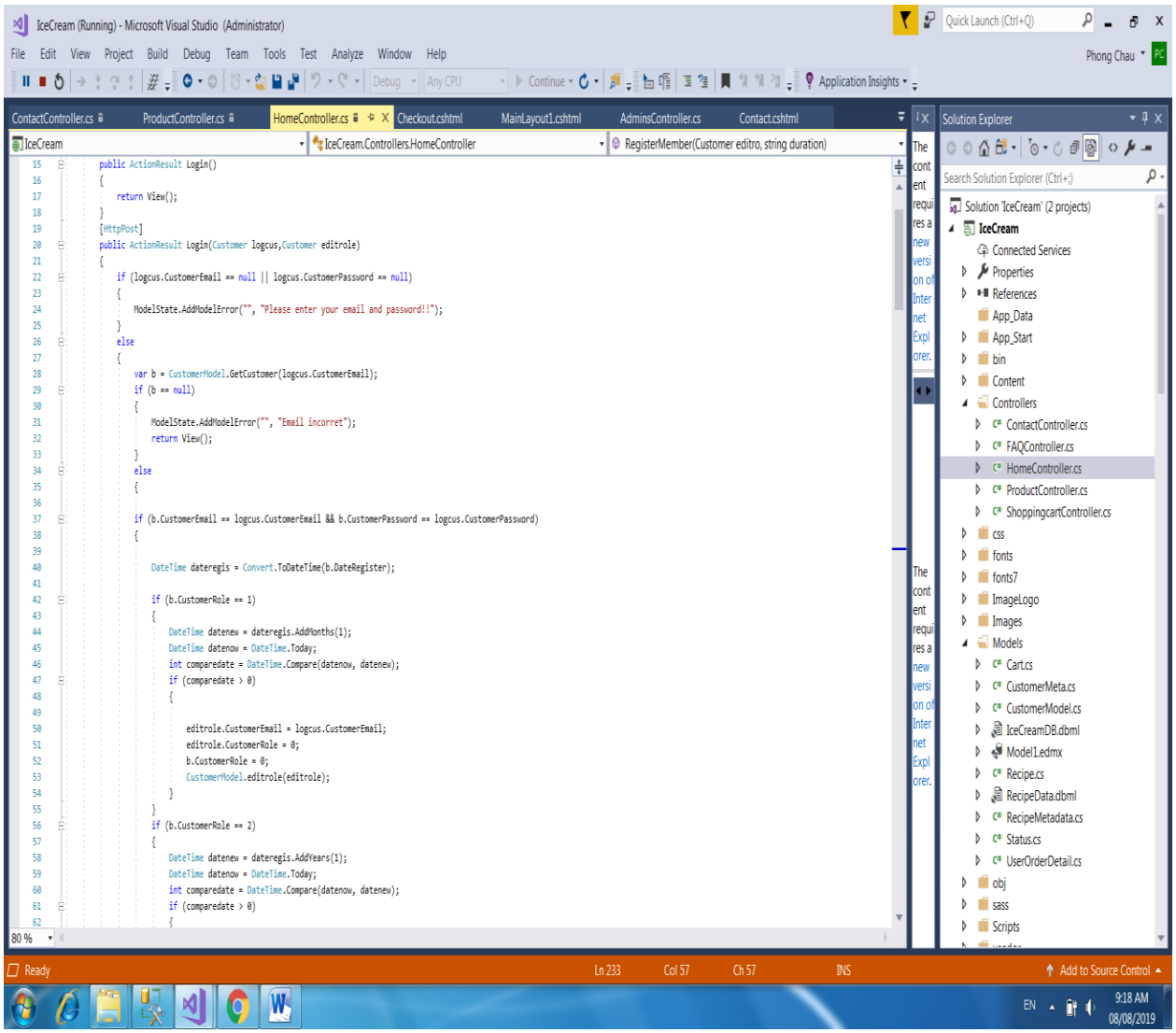
### 1.3. **Login Page:** Login form for user




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Navigation Bar | Hyperlink | | Click | Choose & click to go to sub pages | Enable |
| 2 | Login | Hyperlink | | Click | Click to go to login page | Enable |
| 3 | Register | Hyperlink | | Click | Click to go to register page | Enable |
| 4 | Cart | Hyperlink | | Click | Click to go to cart page (must be login first) | Enable |
| 5 | Email | Textbox | - Not null<br>- Min lengh:5<br>- Max length:20 | Focus | Input Email | Enable |
| 6 | Password | Password | - Not null<br>- Min lengh:6<br>- Max length:20 | Focus | Input password | Enable |
| 7 | Login | Button | | Click | Click to login | Enable |

**Source code:**

**Controller:**

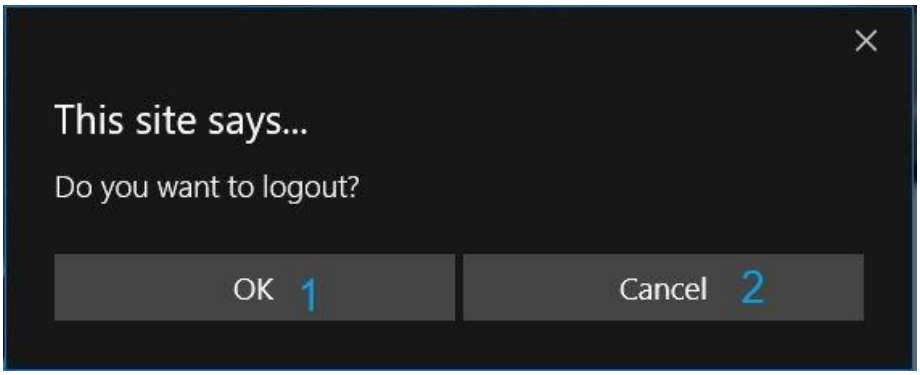

IceCream (Running) - Microsoft Visual Studio (Administrator)
File Edit View Project Build Debug Team Tools Test Analyze Window Help
Phong Chau
ContactController.cs ProductController.cs HomeController.cs Checkout.cshtml MainLayout1.cshtml AdminsController.cs Contact.cshtml
IceCream IceCream.Controllers.HomeController RegisterMember(Customer editro, string duration)
public ActionResult Login()
{
return View();
}
[HttpPost]
public ActionResult Login(Customer logcus,Customer editrole)
{
if (logcus.CustomerEmail == null || logcus.CustomerPassword == null)
{
ModelState.AddModelError("", "Please enter your email and password!!");
}
else
{
var b = CustomerModel.GetCustomer(logcus.CustomerEmail);
if (b == null)
{
ModelState.AddModelError("", "Email incorret");
return View();
}
else
{
if (b.CustomerEmail == logcus.CustomerEmail && b.CustomerPassword == logcus.CustomerPassword)
{
DateTime dateregis = Convert.ToDateTime(b.DateRegister);
if (b.CustomerRole == 1)
{
DateTime datenew = dateregis.AddMonths(1);
DateTime datenow = DateTime.Today;
int comparedate = DateTime.Compare(datenow, datenew);
if (comparedate > 0)
{
editrole.CustomerEmail = logcus.CustomerEmail;
editrole.CustomerRole = 0;
b.CustomerRole = 0;
CustomerModel.editrole(editrole);
}
}
if (b.CustomerRole == 2)
{
DateTime datenew = dateregis.AddYears(1);
DateTime datenow = DateTime.Today;
int comparedate = DateTime.Compare(datenow, datenew);
if (comparedate > 0)
{
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'IceCream' (2 projects)
IceCream
Connected Services
Properties
References
App_Data
App_Start
bin
Content
Controllers
ContactController.cs
FAQController.cs
HomeController.cs
ProductController.cs
ShoppingcartController.cs
css
fonts
fonts7
ImageLogo
Images
Models
Cart.cs
CustomerMeta.cs
CustomerModel.cs
IceCreamDB.dbml
Model1.edmx
Recipe.cs
RecipeData.dbml
RecipeMetadata.cs
Status.cs
UserOrderDetail.cs
obj
sass
Scripts
Ready
Ln 233 Col 57 Ch 57 INS
Add to Source Control
EN
9:18 AM
08/08/2019

## View:

```
<div class="form-horizontal" style="border:groove;border-color:aqua;margin-left:200px;padding:20px;margin-top:80px;display:flex;">
    <div style="padding-right:70px;border-right:groove;border-color:aqua;width:50%;padding-left:20px;">
        <h2 style="margin-left:50px;padding-bottom:20px;font-family:HP-Ashley;text-align:center;font-size:40px">Login</h2>
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
        <div class="form-group">
            <span class="label-input100">Email</span>
            @Html.EditorFor(model => model.CustomerEmail, new { htmlAttributes = new { @class = "form-control", @autofocus = "true" } })

            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerEmail, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <span class="label-input100">Password</span>
            @Html.EditorFor(model => model.CustomerPassword, new { htmlAttributes = new { @class = "form-control" } })

            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerPassword, "", new { @class = "text-danger" })
            </div>
        </div>
        <div class="form-group">
            <div class="col-md-9">
                <input type="submit" value="Submit" class="btn btn-primary" style="padding-left:50px;padding-right:50px"/>
            </div>
        </div>
    </div>
    <div style="margin-left:125px;margin-top:75px;">
        <h2>New Customer?</h2>
            <a href='@Url.Action("Register","Home")' style="text-decoration:none;margin-left:-45px;font-size:17px;">Create your ice-cream parlor shop account!!</a>
    </div>
</div>
}
```

*Figure 1*

### 1.4. **Logout:** notification will appear when admin click logout button



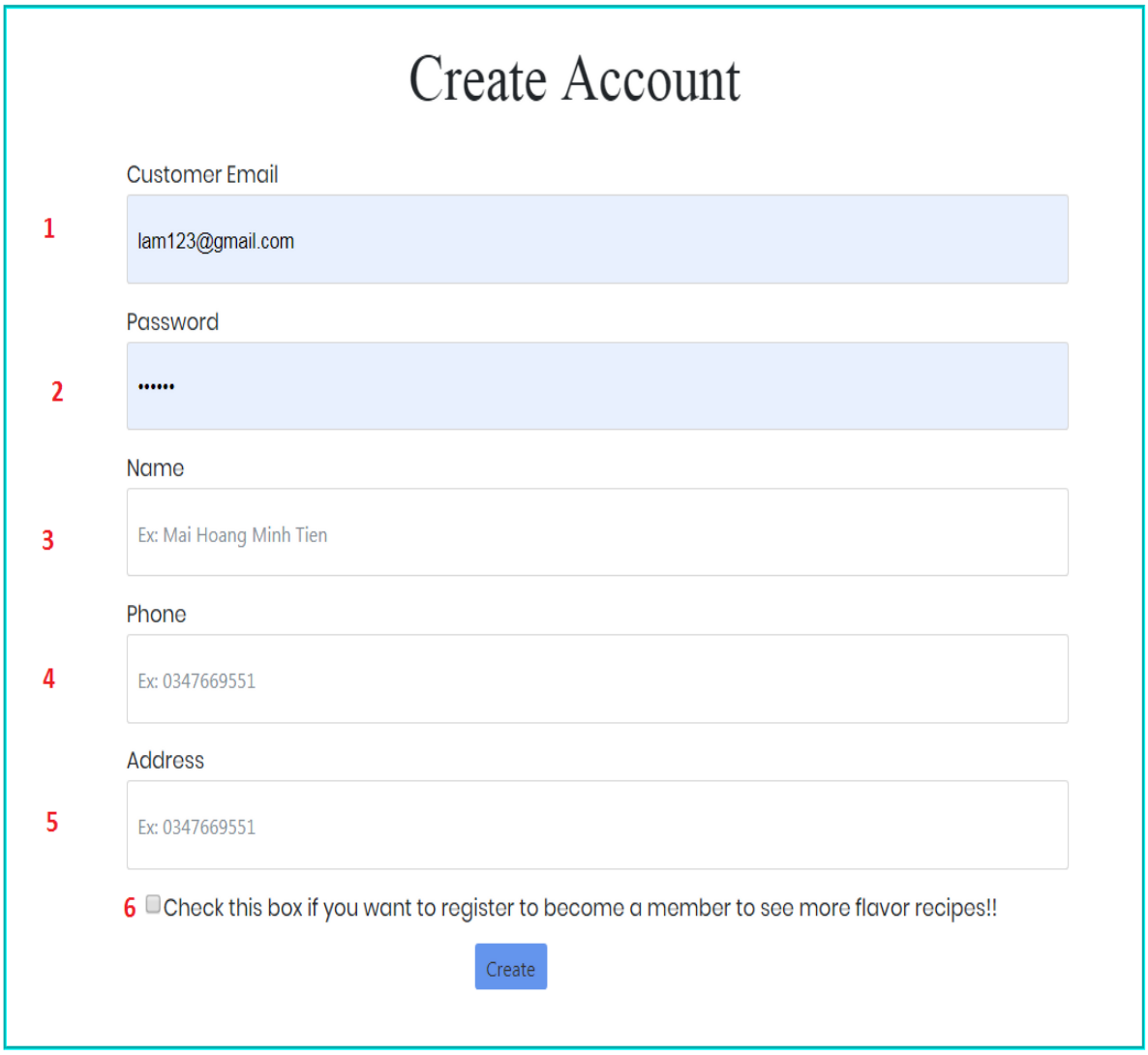

| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | btnOk | Button | | Click | Click to logout | Enable |
| 2 | btnCancel | Button | | Click | Click to return | Enable |

**Source code:**

**Controller:**

```
public ActionResult Logout()
{
    Session["email"] = null;
    Session["password"] = null;
    Session["role"] = null;
    Session["id"] = null;
    return RedirectToAction("Index");
}
```

### 1.5. **Register Page:** Register form for user if they haven't account.

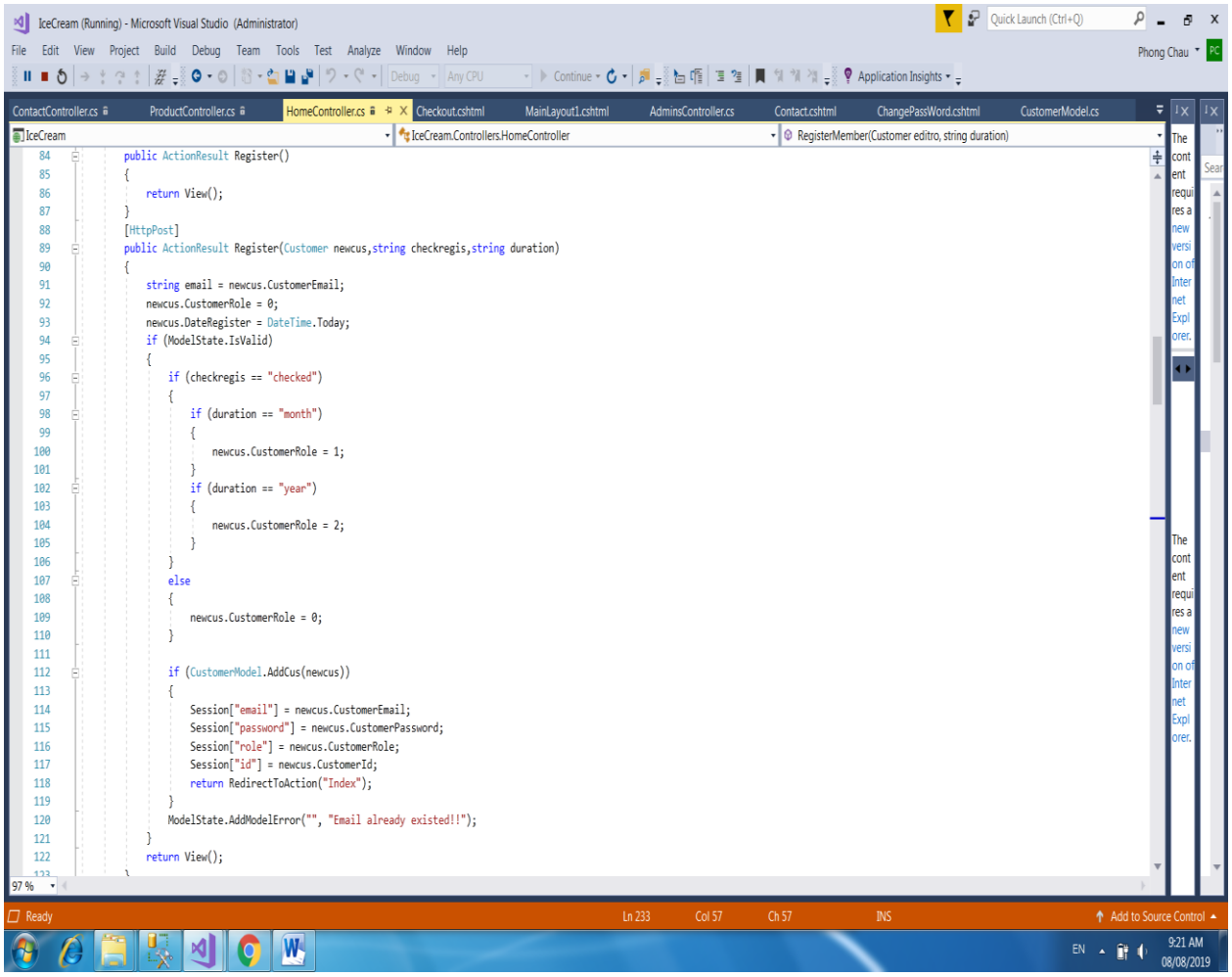



| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | CustomerEmail | Textbox | - Not null<br>- Min lengh:5<br>- Max length:20 | Focus | Show your Email | Enable |
| 2 | Password | Password | - Not null<br>- Min lengh:6<br>- Max length:20 | Focus | Input password | Enable |
| 3 | Name | Textbox | - Not null<br>- Max length:50 | Focus | Input name | Enable |
| 4 | Phone Number | Textbox | - Not null<br>- Max length:15 | Focus | Input phone number | Enable |
| 5 | Address | Textbox | - Not null<br>- Max length:50 | Focus | Input address | Enable |

| | | | | | |
|---|---|---|---|---|---|
| 6 | CheckBox | Radio | Focus | Check value member if user want | Enable |

## Source code:

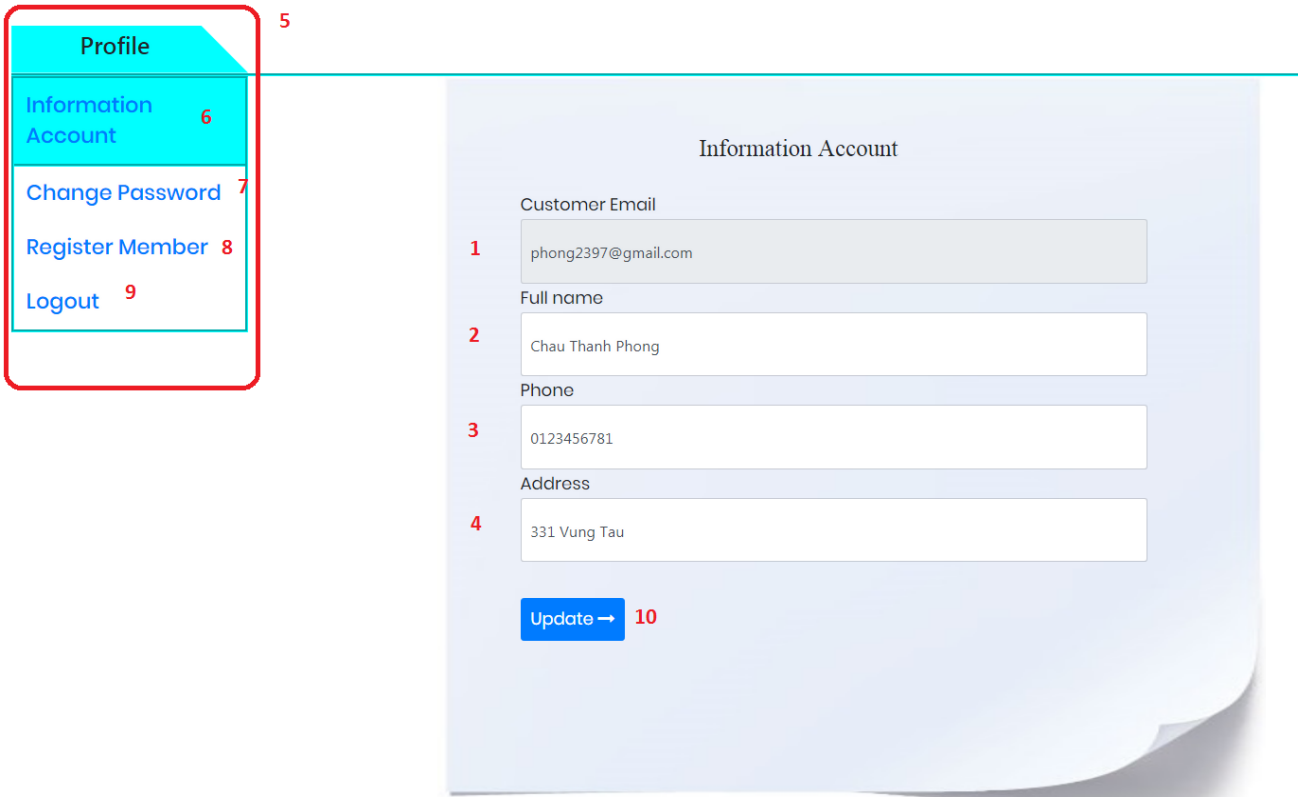
## Controller:



## View:

```
<div class="form-horizontal" style="border:groove;border-color:aqua;margin-left:150px;margin-right:100px;padding:20px;margin-top:80px;">
    <h2 style="text-align:center;padding-bottom:20px;font-family:HP-Ashley;font-size:40px;" >Create Account</h2>
    <div style="margin-left:75px;padding-left:10px;padding-right:50px;">
        <div class="form-group">
            <span class="label-input100" >Customer Email</span>
            @Html.EditorFor(model => model.CustomerEmail, new { htmlAttributes = new { @class = "form-control", @placeholder = "Ex: kenzytien35@gmail.com" } })
            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerEmail, "", new { @class = "text-danger" })
                @Html.ValidationSummary(true, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <span class="label-input100">Password</span>
            @Html.EditorFor(model => model.CustomerPassword, new { htmlAttributes = new { @class = "form-control" } })

            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerPassword, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <span class="label-input100">Name</span>
            @Html.EditorFor(model => model.CustomerName, new { htmlAttributes = new { @class = "form-control", @placeholder = "Ex: Mai Hoang Minh Tien" } })
            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerName, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <span class="label-input100">Phone</span>
            @Html.EditorFor(model => model.CustomerPhone, new { htmlAttributes = new { @class = "form-control", @placeholder = "Ex: 0347669551" } })
            <div class="col-md-9">

                @Html.ValidationMessageFor(model => model.CustomerPhone, "", new { @class = "text-danger" })
            </div>
        </div>
```

### 1.6. **Change Personal Information Page:** User can change their information here.

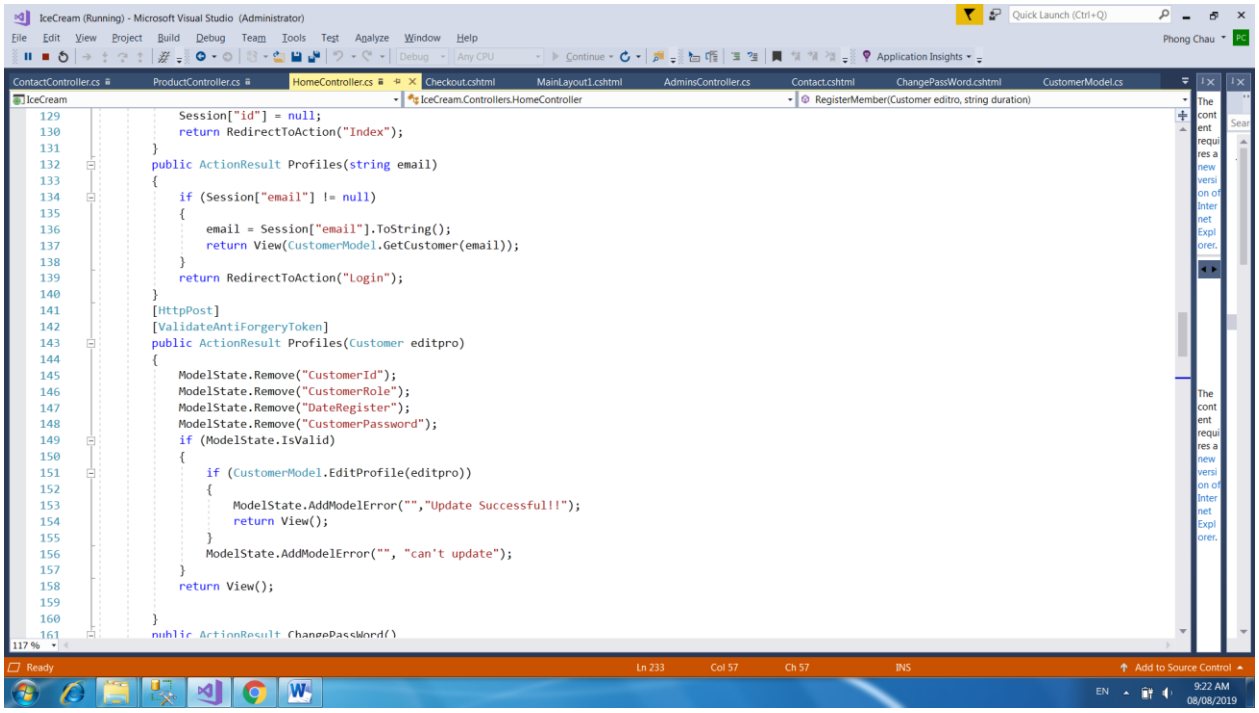



| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Customer Email | Textbox (Read only) | | Focus | Email | Disable |
| 2 | Full name | Textbox | - Not null<br>- Max length:50 | Focus | Input to change full name | Enable |
| 3 | Phone Number | Textbox | - Not null<br>- Max length:15 | Focus | Input to change phone number | Enable |
| 4 | Address | Textbox | - Not null<br>- Max length:50 | Focus | Input to change address | Enable |
| 5 | Profile | Textbox | | Focus | Tab to change page | Enable |
| 6 | Information Account | Hyperlink | | Click | Go to Profile page(must be login) | Enable |
| 7 | Register Member | Hyperlink | | Click | Go to Register page (must be login) | Enable |
| 8 | Change Password | Hyperlink | | Click | Go to Change Password Page | Enable |
| 9 | Logout | Hyperlink | | Click | Sign out the page | Enable |
| 10 | Update | Button | | Click | Click to update information | Enable |

## Source code:

## Controller:

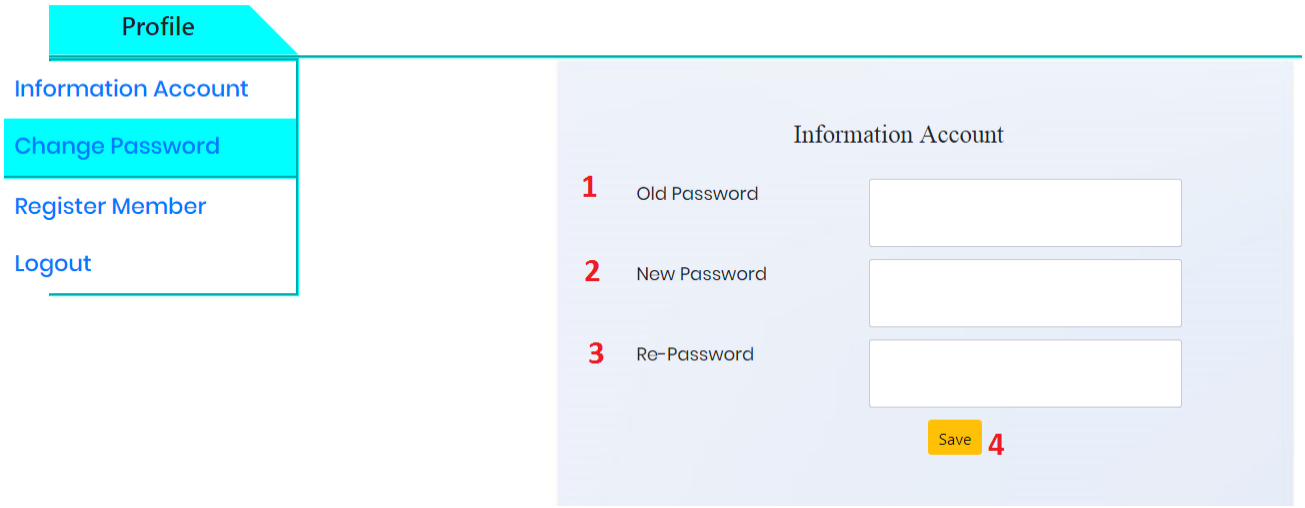
```
public static bool EditProfile(Customer editpro)
{
    var b = GetCustomer(editpro.CustomerEmail);
    if (b != null)
    {
        b.CustomerName = editpro.CustomerName;
        b.CustomerPhone = editpro.CustomerPhone;
        b.CustomerAddress = editpro.CustomerAddress;
        db.SubmitChanges();
        return true;
    }
    return false;
}
```



## View:

```
<div id="title-profile">
    <div id="title-profile-design">
        <h2 style="text-align:center;margin-left:-25px">Profile</h2>
    </div>
</div>

<div id="menu-profile-style">
    <div id="menu-profile">
        <ul>
            <li style="background-color:aqua;border-bottom:groove aqua;"><a href='@Url.Action("Profiles","Home")'>Information Account</a></li>
            <li><a href='@Url.Action("ChangePassWord","Home")'>Change Password</a></li>
            <li><a href='@Url.Action("RegisterMember","Home")'>Register Member</a></li>
            <li style="border-bottom:none;"><a href='@Url.Action("Logout","Home")'>Logout</a></li>
        </ul>
    </div>
    <div id="form-profile">
        <div id="fix-form-profile">
            <h2 style="text-align:center;margin-left:-110px;font-family:HP-Ashley;padding-bottom:20px">Information Account</h2>

            @using (Html.BeginForm())
            {
                @Html.AntiForgeryToken()

            <div class="form-horizontal" style="padding-right:50px">


                @Html.ValidationSummary(true, "", new { @class = "text-danger" })
                @Html.HiddenFor(model => model.CustomerId)


                <div class="wrap-input100 rs1-wrap-input100 validate-input">
                    <span class="label-input100">Customer Email</span>
                    @Html.EditorFor(model => model.CustomerEmail, new { htmlAttributes = new { @class = "form-control", @readonly = "true" } })
                    @Html.ValidationMessageFor(model => model.CustomerEmail, "", new { @class = "text-danger" })
                    <span class="focus-input100"></span>
                </div>

                <div class="wrap-input100 rs1-wrap-input100 validate-input">
                    <span class="label-input100">Full name</span>
                    @Html.EditorFor(model => model.CustomerName, new { htmlAttributes = new { @class = "form-control" } })
                    @Html.ValidationMessageFor(model => model.CustomerName, "", new { @class = "text-danger" })
                </div>
```

### 1.7. **Update Password Page:** User can change their Password here.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Old Password | Old Password | - Not null<br>- Min lengh:6<br>- Max length:20 | Focus | Input the old password | Enable |
| 2 | New Password | New Password | - Not null<br>- Min lengh:6<br>- Max length:20 | Focus | Input the new password | Enable |
| | RePassword | Re Password | Not null<br>- Max length:50 | Focus | reinput the new password | Enable |
| 3 | Save | Button | - | Click | Click to update information | Enable |

**Source code:**

**Controller:**

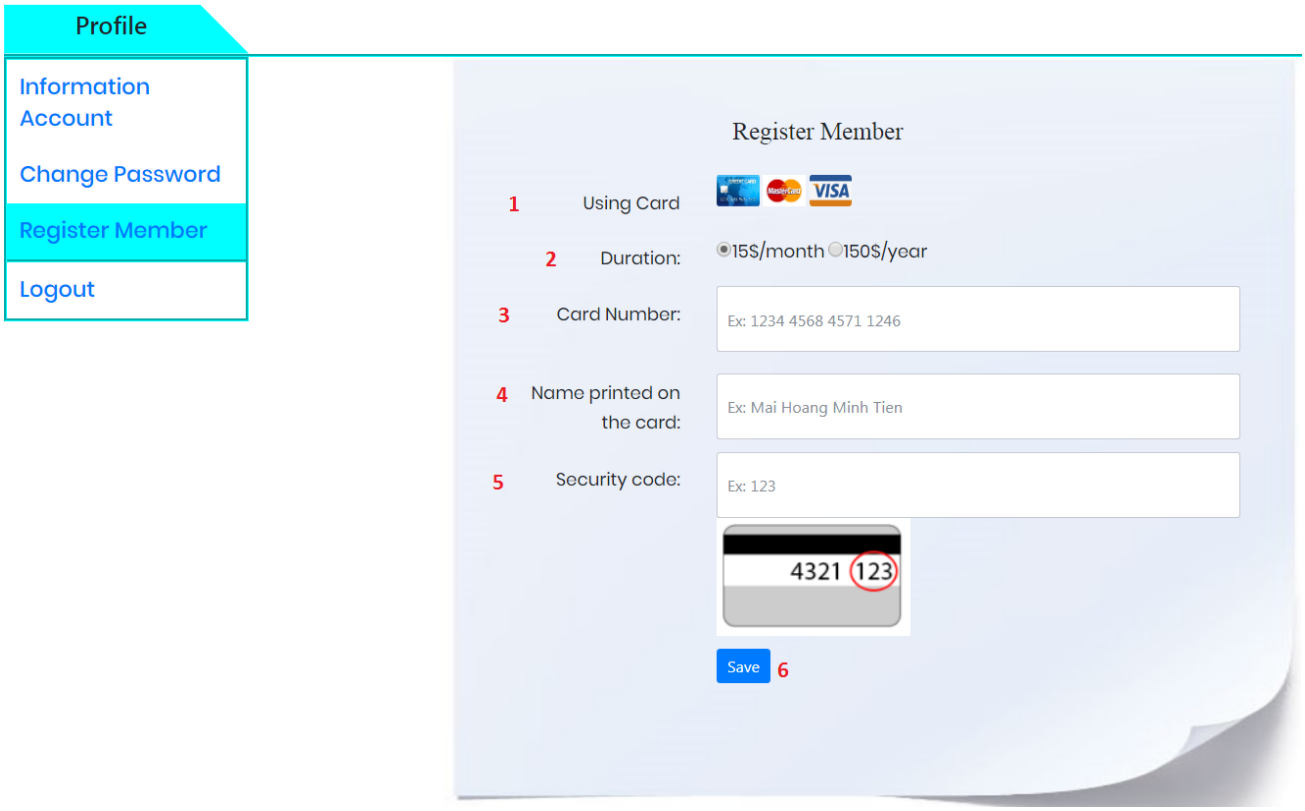
```
        public static bool EditPassword(Customer editpass)
        {
            var b = GetCustomer(editpass.CustomerEmail);
            if (b != null)
            {
                b.CustomerPassword = editpass.CustomerPassword;
                db.SubmitChanges();
                return true;
            }
            return false;
        }
```

```
        public ActionResult ChangePassWord()
        {
            if (Session["email"] != null)
            {
                return View();
            }
            return RedirectToAction("Login");
        }
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult ChangePassWord(Customer editpass,string newpassword,string repassword)
        {
            ModelState.Remove("CustomerId");
            ModelState.Remove("CustomerRole");
            ModelState.Remove("DateRegister");
            ModelState.Remove("CustomerName");
            ModelState.Remove("CustomerAddress");
            ModelState.Remove("CustomerPhone");
            ModelState.Remove("CustomerEmail");
           editpass.CustomerEmail = Session["email"].ToString();
            if (newpassword != repassword)
            {
                ModelState.AddModelError("","Incorrect re-password");
            }
            else
            {
                if (ModelState.IsValid)
                {
                    if (editpass.CustomerPassword == Session["password"].ToString())
                    {

                        editpass.CustomerPassword = newpassword;
                        if (CustomerModel.EditPassword(editpass))
                        {
                            Session["password"] = newpassword;
                            ModelState.AddModelError("", "Update Successful!!");
                            return View();
                        }
                        ModelState.AddModelError("", "Incorrect Old Password!!");
                    }
```

## View:

```
<div id="menu-profile-style">
    <div id="menu-profile">
        <ul>
            <li><a href='@Url.Action("Profiles","Home")'>Information Account</a></li>
            <li style="background-color:aqua;border-bottom:groove aqua;"><a href='@Url.Action("ChangePassWord","Home")'>Change Password</a></li>
            <li><a href='@Url.Action("RegisterMember","Home")'>Register Member</a></li>
            <li style="border-bottom:none;"><a href='@Url.Action("Logout","Home")'>Logout</a></li>
        </ul>
    </div>
    <div id="form-profile">

        <div id="fix-form-profile">
            <h2 style="text-align:center;margin-left:-110px;font-family:HP-Ashley;padding-bottom:20px">Information Account</h2>

            @using (Html.BeginForm())
            {
                @Html.AntiForgeryToken()

            <div class="form-horizontal">


                @Html.ValidationSummary(true, "", new { @class = "text-danger" })

                <div class="form-group">
                    <div class="col-md-4">
                        <span class="label-input100">Old Password</span>
                        </div>


                        <div class="col-md-6">
                            @Html.EditorFor(model => model.CustomerPassword, new { htmlAttributes = new { @class = "form-control", @required = "" } })
                            @Html.ValidationMessageFor(model => model.CustomerPassword, "", new { @class = "text-danger" })
                            <span id="erro-oldpass" style="color:red;"></span>
                        </div>
                    </div>
                <div class="form-group">
                    <div class="col-md-4">
                        <span class="label-input100">New Password</span>
                    </div>
                    <div class="col-md-6">
                        <input type="password" class="form-control" id="newpass" required="" name="newpassword" />
                        <span id="erro-newpass" style="color:red;"></span>
                    </div>
```

**1.8. Register Member Page:** If the user is not register ,user can fill value member is this profiles.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Using Card | img | | Focus | | Enable |
| 2 | Duration | Radio Btn | | Focus | Choose member price | Enable |
| 3 | Name Printed on the card | Textbox | | Focus | Input Full Name | Enable |
| 4 | Name Printed on the card | TextBox | | Focus | Input Name On Card | Enable |
| 5 | Security Code | Textbox | | Focus | Input the number | Enable |

**Source code:**

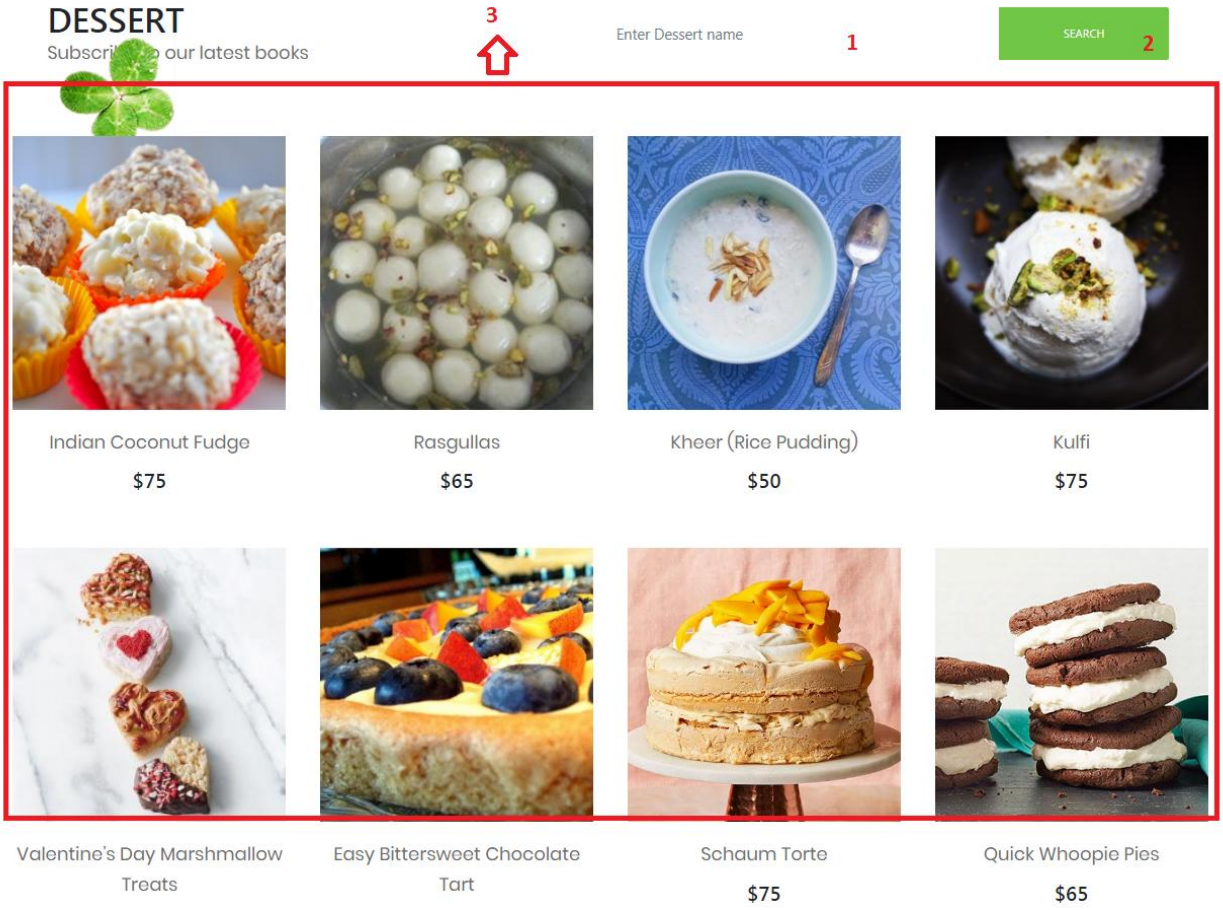
## Controller:

```
        public ActionResult RegisterMember()
        {
            if (Session["email"] != null)
            {
                return View();
            }
            return RedirectToAction("Login");
        }
        [HttpPost]
        public ActionResult RegisterMember(Customer editro,string duration)
        {
            editro.CustomerEmail = Session["email"].ToString();
            if (duration == "month")
            {
                editro.CustomerRole = 1;
                Session["role"] = 1;
            }
            if (duration == "year")
            {
                editro.CustomerRole = 2;
                Session["role"] = 1;
            }
            if (CustomerModel.editrole(editro))
            {
                return RedirectToAction("RegisterMember");
            }
            ModelState.AddModelError("", "Can't Register");
            return View();

        }
```

## View:

```
    <div id="form-profile">

        <div id="fix-form-profile">
            <h2 style="text-align:center;margin-left:-110px;font-family:HP-Ashley;padding-bottom:20px">Register Member</h2>
            @using (Html.BeginForm())
            {
                @Html.AntiForgeryToken()

                <div class="form-horizontal">
                    @if (sessrole != 0)
                    {
                        <h2 style="font-family:'UTM Ong Do Gia';font-size:115px;color:lawngreen;">You already a member!!!</h2>
                    }
                    else
                    {
                        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
                        @Html.HiddenFor(model => model.CustomerId)

                        <div class="form-group">
                            <div class="control-label col-md-3"><span class="label-input100">Using Card</span></div>
                            <div class="col-md-4">
                                <img src="~/ImageLogo/Credit-card.jpg" style="width:35px;height:25px;" />
                                <img src="~/ImageLogo/master-card.jpg" style="width:35px;height:25px;" />
                                <img src="~/ImageLogo/visa-icon.png" style="width:35px;height:25px;" />
                            </div>
                        </div>
                        <div class="form-group">
                            <div class="control-label col-md-3"><span class="label-input100">Duration: </span></div>
                            <div class="col-md-9" style="margin-top:5px;">
                                <input type="radio" name="duration" checked="" value="month" /><span class="label-input100">15$/month</span>
    <input type="radio" name="duration" value="year" /><span class="label-input100">150$/year</span>
</div>
                            </div>

                        <div class="form-group">
                            <div class="control-label col-md-3"><span class="label-input100">Card Number:</span> </div>
                            <div class="col-md-9">
                                <input type="text" class="form-control" id="cardnum" name="cardnumber" required="" pattern="[0-9]{12}" placeholder="Ex: 1234 4568 4571 1246"
                            </div>
                        </div>
                        <div class="form-group">
                            <div class="control-label col-md-3"><span class="label-input100">Name printed on the card: </span></div>
```

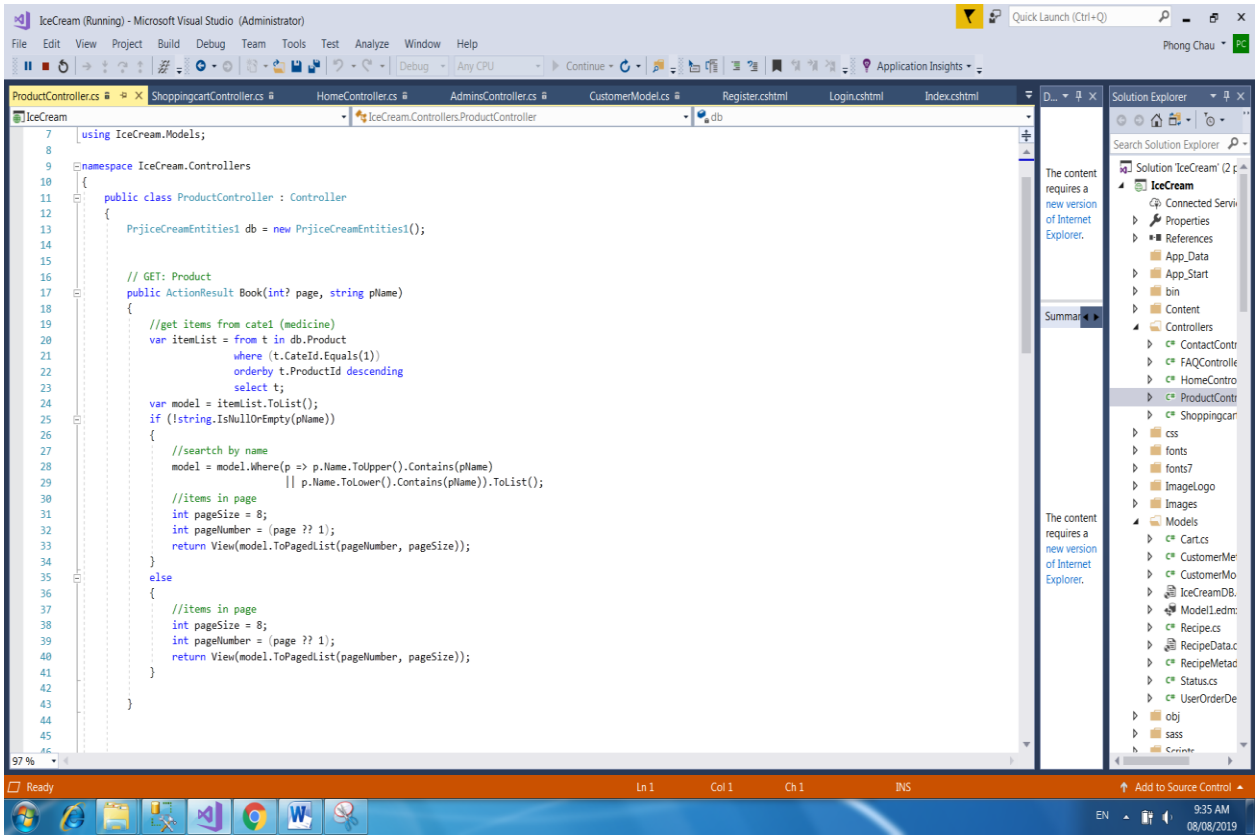
**1.9. Book Page:** This page display list of medicines, user can search item with search bar.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtSearch | Textbox | | Focus | Input medicine name to search | Enable |
| 2 | btnSearch | Button | | Click | Click to search Book | Enable |
| 3 | btnAdd to Cart | Button | | Click | Click to search medicine | Enable |

**Source code:**

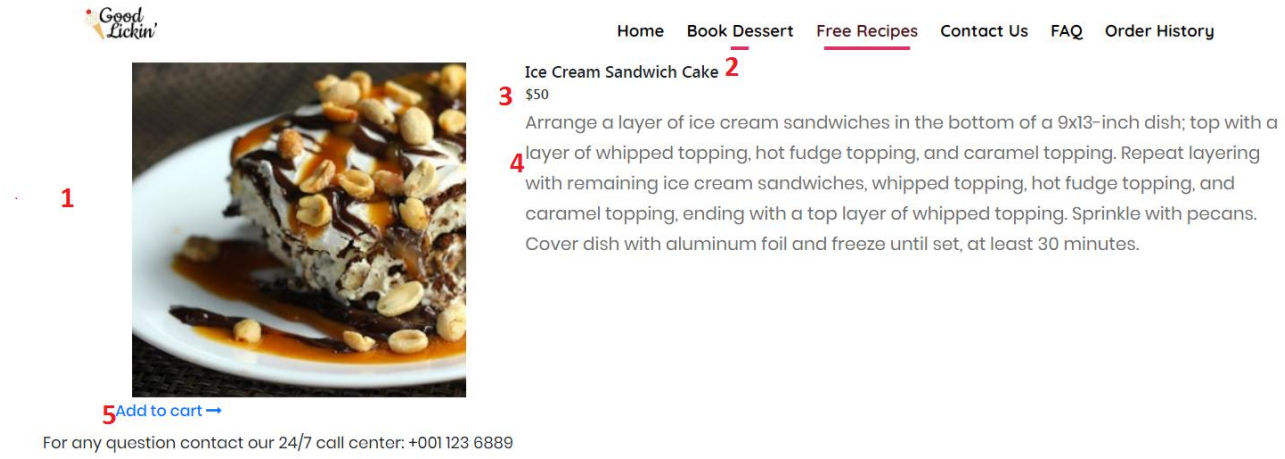
## Controller:


IceCream (Running) - Microsoft Visual Studio (Administrator)
ProductController.cs
ShoppingcartController.cs
HomeController.cs
AdminsController.cs
CustomerModel.cs
Register.cshtml
Login.cshtml
Index.cshtml
IceCream
IceCream.Controllers.ProductController
db
using IceCream.Models;
namespace IceCream.Controllers
{
public class ProductController : Controller
{
PrjiceCreamEntities1 db = new PrjiceCreamEntities1();
// GET: Product
public ActionResult Book(int? page, string pName)
{
//get items from cate1 (medicine)
var itemList = from t in db.Product
where (t.CateId.Equals(1))
orderby t.ProductId descending
select t;
var model = itemList.ToList();
if (!string.IsNullOrEmpty(pName))
{
//seartch by name
model = model.Where(p => p.Name.ToUpper().Contains(pName)
|| p.Name.ToLower().Contains(pName)).ToList();
//items in page
int pageSize = 8;
int pageNumber = (page ?? 1);
return View(model.ToPagedList(pageNumber, pageSize));
}
else
{
//items in page
int pageSize = 8;
int pageNumber = (page ?? 1);
return View(model.ToPagedList(pageNumber, pageSize));
}
}
Solution Explorer
Ready

## View:

```
                </div>
            </div>
        </div>

        <!-- Subscribe Side Thumbnail -->
        <div class="subscribe-side-thumb wow fadeInUp" data-wow-delay="500ms">
            <img class="first-img" src="~/images/leaf.png" />
        </div>
    </section>
    <!-- ##### Subscribe Area End ##### -->
    <!-- Single Product Area -->
    <div>
        @foreach (var item in Model)
        {
            <div class="col-xs-12 col-lg-3">
                <div class="single-product-area mb-50 wow fadeInUp" data-wow-delay="100ms">
                    <!-- Product Image -->
                    <div class="product-img">
                        <a href="@Url.Action("ProductDetails","Product",new { id=item.ProductId},null)" @*class="Show-Details"*@>
                            <img src="@item.Image" />
                        </a>
                        <!-- Product Tag -->

                        <div class="product-meta d-flex">
                            <a href="#" class="wishlist-btn"><i class="icon_heart_alt">Like</i></a>
                            <a href="@Url.Action("OrderNow","ShoppingCart",new { id=item.ProductId},null)" class="add-to-cart-btn">Add to cart</a>
                            <a href="#" class="compare-btn"><i class="arrow_left-right_alt">Buy</i></a>
                        </div>
                    </div>
                    <!-- Product Info -->
                    <div class="product-info mt-15 text-center">
                        <h6>
                            <p>@item.Name</p>
                        </h6>
                        <h6>$@item.Price</h6>
                    </div>
```

**1.10. Product Details Page:** This page display information of a product. User also can add this product to cart




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Image | Image | | | Product's image | Enable |
| 2 | Name | Textbox (Read only) | | | Product's name | Enable |
| 3 | Price | Textbox (Read only) | | | Product's price | Enable |
| 4 | Description | Textbox (Read only) | | | Product's description | Enable |
| 5 | Add to Cart | Button | | Click | Click to add product to your cart (must be login first) | Enable |

**Source code:**

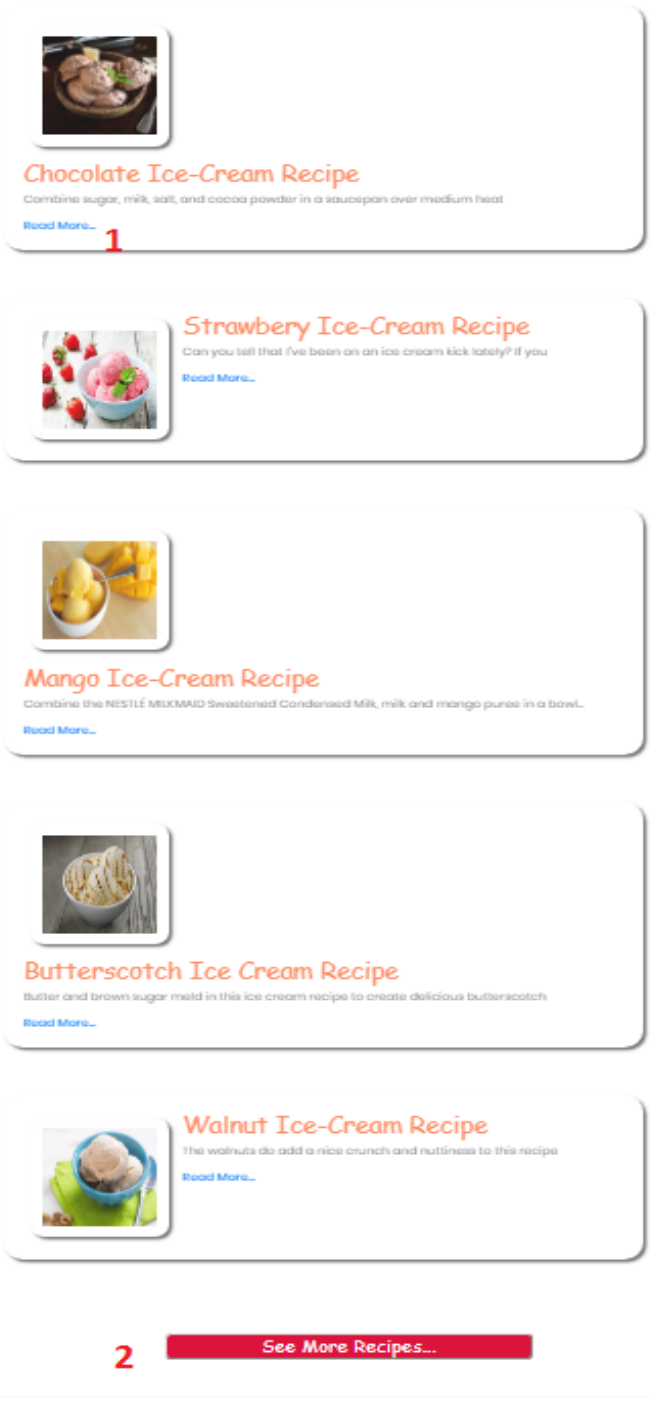
**Controller:**

```
public ActionResult ProductDetails(int id)
{
    var model = db.Product.Find(id);
    //to take id from product details view
    Session["IdDetail"] = model.ProductId;
    if (model != null)
    {
        return View(model);
    }
    return View();
}
```

## View:

```
<div class="container-contact100">
    <div class="pro-de">
        <div class="row">
            <div class="col-lg-4">
                <img src="@Html.DisplayFor(model => model.Image)" alt="" />
            </div>
            <div class="col-lg-8">
                <div class="testi_text">
                    <h4>@Html.DisplayFor(model => model.Name)</h4>
                    <h5>$@Html.DisplayFor(model => model.Price)</h5>
                    <p>@Html.DisplayFor(model => model.Description) </p>
                </div>
            </div>
            <br />
            <br />
            <form>
                <h3 class="contact100-form-btn">
                    <a href="@Url.Action("OrderNow","ShoppingCart",new { id=@Session["IdDetail"]},null)">

                        Add to cart
                        <i class="fa fa-long-arrow-right m-l-7" aria-hidden="true"></i>
                    </a>
                </h3>
            </form>
        </div>
    </div>
    <span class="contact100-more">
        For any question contact our 24/7 call center: <span class="contact100-more-highlight">+001 123 6889</span>
    </span>
</div>
```

**1.11. Free Recipes:** This page display list of recipes for your user don't use account.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Read | Button | | Click | Go to the video detail of recipes | Enable |
| 2 | See More Recipe | Button | | Click | Click to Full Recipes(must be login) | Enable |

**Source code:**

**Controller:**

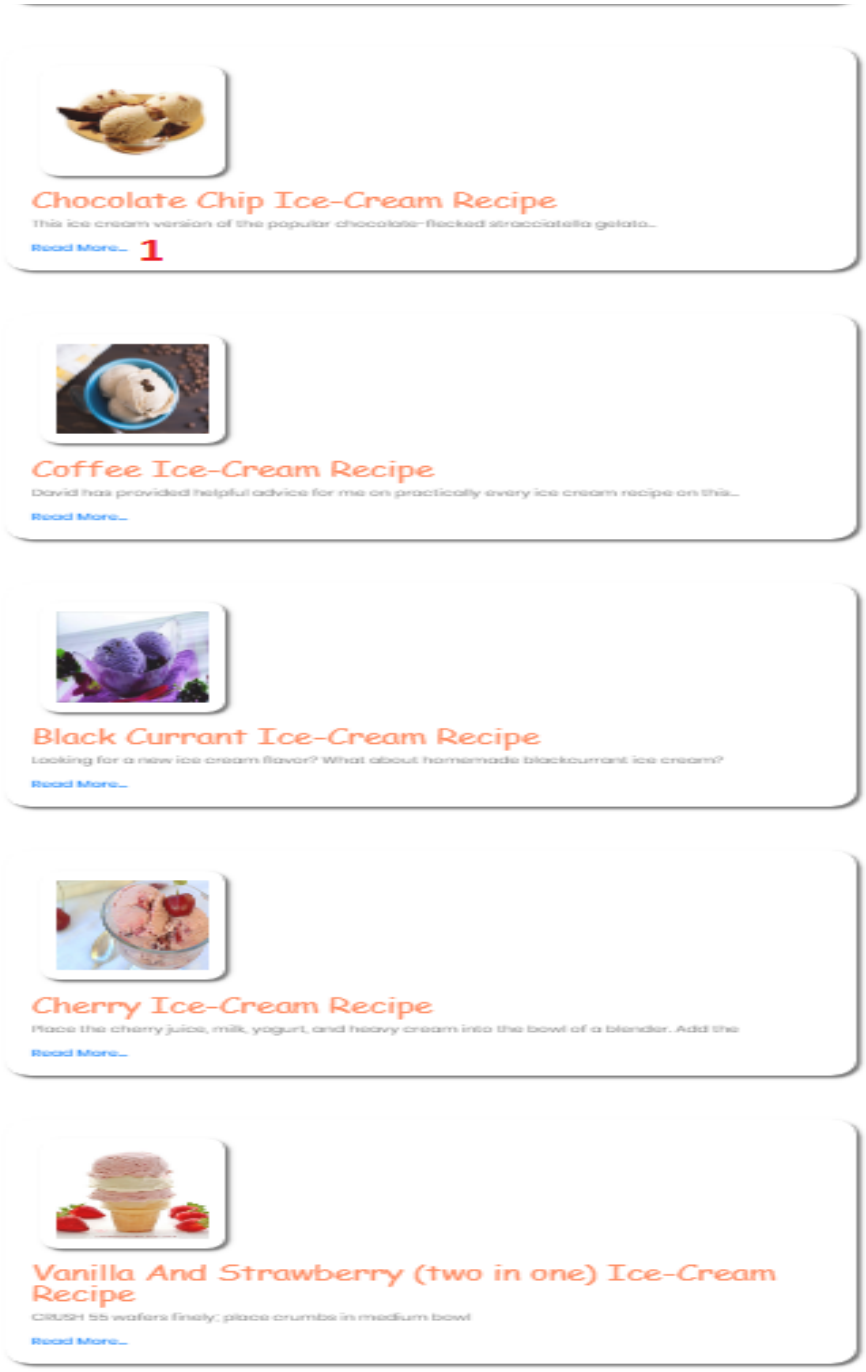
```
public ActionResult Index()
{
    return View();
}

public IEnumerable<Recipe> GetRecipes()
{
    return db.Recipes;
}
public Recipe Get(int id)
{
    return db.Recipes.SingleOrDefault(item => item.Id == id);

}
```

```
RecipeDataDataContext db = new RecipeDataDataContext();

public ActionResult FreeRecipes()
{

    GetRecipes();
    return View(db.Recipes);
}
```

## View:

```
@foreach (var item in Model)
{
    if (item.Status == "Free")
    {
        <div class="container">
            <div class="frameItem">
                <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })"><img src="@Html.DisplayFor(modelItem => item.Imag)"
                <div style="display: inline-block;" class="contentItem">
                    <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })" style="text-decoration: none;"><h5 class="hh5">
                    <p>@Html.DisplayFor(modelItem => item.Content)</p>
                    <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })" style="text-decoration: none;">Read More...</a>
                </div>
            </div>

            <br /><br /><br />
        </div>
    }
}

        <center>
            @if (Session["email"] == null)
            {
                <a href="@Url.Action("FullRecipes", "Home")" onclick="return confirm('Please create account or login to see full recipes
                    <button style="margin: 50px; padding: 10px; padding-left: 150px; padding-right: 150px;
                        border-radius: 10px; font-family: 'Satisfy', cursive; font-size: 30px; color: white;
                        background: crimson;">
                        See More Recipes...
                    </button>
                </a>
            }
            else
            {
                if (int.Parse(Session["role"].ToString()) == 0)
                {
```

**1.12. Full Recipes:** This page display list of recipes for your user register a member as month or year




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Read | Button | | Click | Go to the video detail of recipes | Enable |

**Source code:**

**Controller:**

```
public ActionResult FullRecipes()
{
    if (Session["email"] == null)
    {
        return RedirectToAction("Login");
    }
    if (int.Parse(Session["role"].ToString()) == 0)
    {
        return RedirectToAction("RegisterMember");
    }
    GetRecipes();
    return View(db.Recipes);
}
```

**View:**

```
@foreach (var item in Model)
{
    if (item.Status == "VIP")
    {

        <div class="container">

            <div class="frameItem">
                <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })"><img src="@Html.DisplayFor(modelItem => item.Imag)" class="itemBanner" style="display: inline-block;"></a>
                <div style="display: inline-block;" class="contentItem">
                    <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })" style="text-decoration: none;"><h5 class="hh5">@Html.DisplayFor(modelItem => item.Title)</h5></a>
                    <p>@Html.DisplayFor(modelItem => item.Content)</p>
                    <a href="@Url.Action("RecipeDetails", "Home", new { id = item.Id })" style="text-decoration: none;">Read More...</a>
                </div>
            </div>

            <br /><br /><br />
        </div>
    }

}
```

**1.13. Detail of Recipes:** This page display the way to cook this favourite ice cream.


| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Video | Linkyt | | | Product's Video | Enable |
| 2 | Name | Textbox (Read only) | | | Recipes's name | Enable |
| 3 | btnRecipes | Button | Login before see full recipes | | Click go to the full recipes page (must be login first) | Enable |

## Source code:

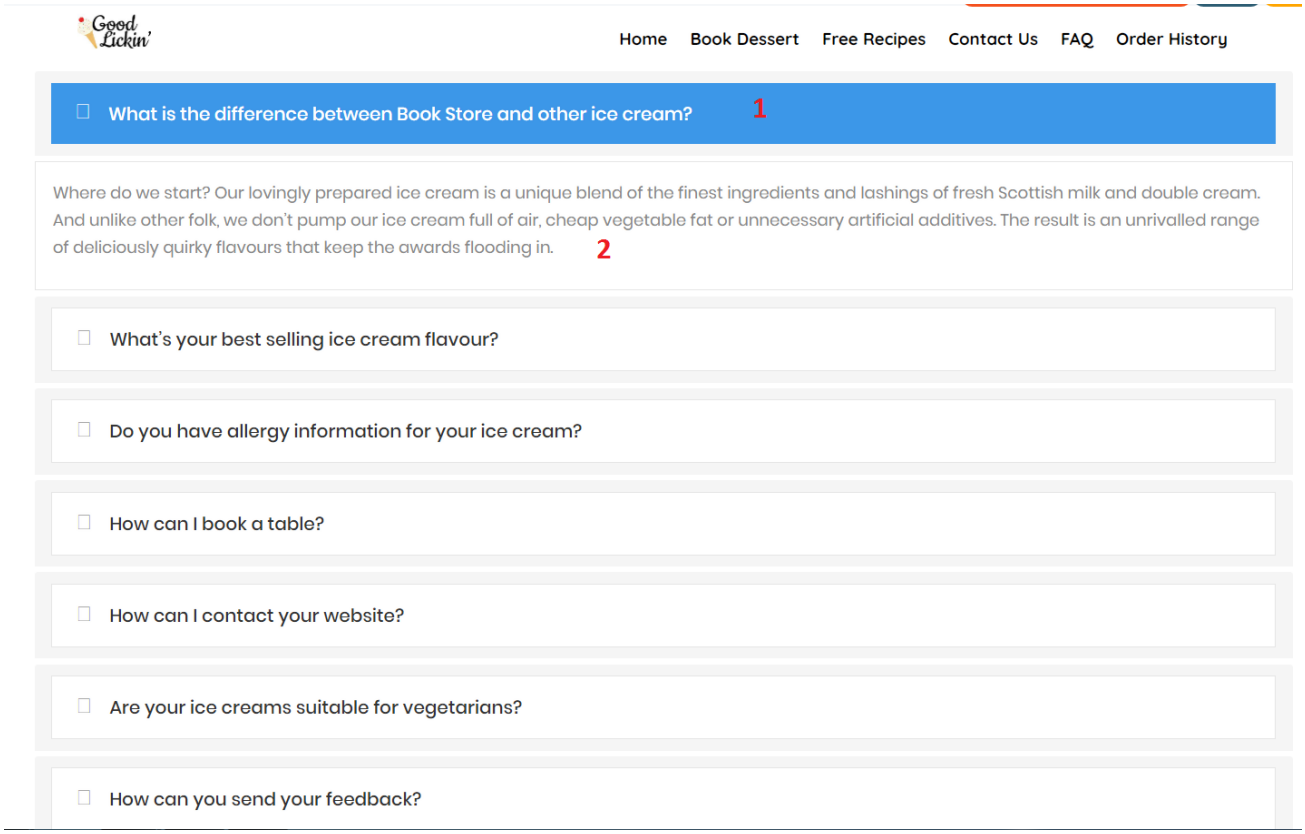
## Controller:

```
public ActionResult RecipeDetails(int id)
{
    return View(Get(id));
}
```

## View:

```
h2 class="hh2">@Html.DisplayFor(model => model.Title)</h2>

div class="container">
  @{
    string preFix = "https://www.youtube.com/embed/";
    string YT = Model.LinkYT;
    YT = YT.Substring(32);
    YT = preFix + YT;
  }
  <div>
    <div>
      <center><iframe width="700" height="400" src="@YT" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe></center>
    </div>
  </div>



  <!--Button See More Recipes-->
  <center>
    <a href="@Url.Action("FullRecipes", "Home")">
      <button style="margin: 50px; padding: 10px; padding-left: 150px; padding-right: 150px;
    border-radius: 10px; background: #ffe82b; text-decoration: none; font-family: 'Satisfy', cursive; font-size: 30px; color: white;">
        See Premium Recipes...
      </button>
    </a>
  </center>

/div>


link rel="stylesheet" type="text/css" href="~/Content/styledetails.css">
```

**1.14. FAQ Page:** This page display list of frequently of question.



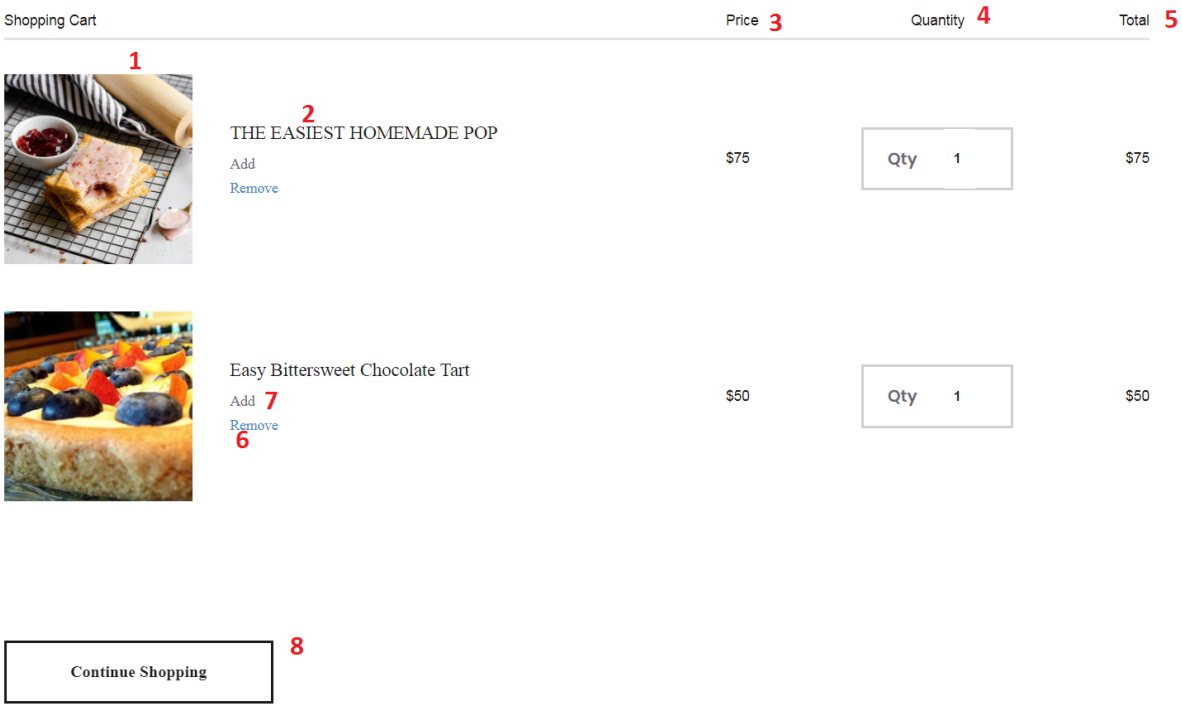

| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | PanelTitle | Textbox | | Focus | Question's Customer | Enable |
| 2 | PanelBody | Textbox | | Focus | Anser from my website | Enable |

## Source code:

## View:

```
<div class="panel-group" id="accordion" role="tablist" aria-multiselectable="true">
    <div class="panel panel-default">
        <div class="panel-heading" role="tab" id="headingOne">
            <h4 class="panel-title">
                <a role="button" data-toggle="collapse" data-parent="#accordion" href="#collapseOne" aria-expanded="true" aria-controls="collapseOne">
                    What is the difference between Book Store and other ice cream?
                </a>
            </h4>
        </div>
        <div id="collapseOne" class="panel-collapse collapse in" role="tabpanel" aria-labelledby="headingOne">
            <div class="panel-body">
                <ul>

                    <li>Where do we start? Our lovingly prepared ice cream is a unique blend of the finest ingredients and lashings of fresh Scottish milk and double cream. And unlike other fol

                </ul>
            </div>
        </div>
    </div>
    <div class="panel panel-default">
        <div class="panel-heading" role="tab" id="headingTwo">
            <h4 class="panel-title">
                <a class="collapsed" role="button" data-toggle="collapse" data-parent="#accordion" href="#collapseTwo" aria-expanded="false" aria-controls="collapseTwo">
                    What’s your best selling ice cream flavour?

                </a>
            </h4>
        </div>
        <div id="collapseTwo" class="panel-collapse collapse" role="tabpanel" aria-labelledby="headingTwo">
            <div class="panel-body">
                <ul>
                    <li>Double cream vanilla of course!</li>
                </ul>
            </div>
        </div>
    </div>
    <div class="panel panel-default">
        <div class="panel-heading" role="tab" id="headingThree">
            <h4 class="panel-title">
                <a class="collapsed" role="button" data-toggle="collapse" data-parent="#accordion" href="#collapseThree" aria-expanded="false" aria-controls="collapseThree">
```

### 1.15. **Your Cart Page:** Items which user had chosen will display here.

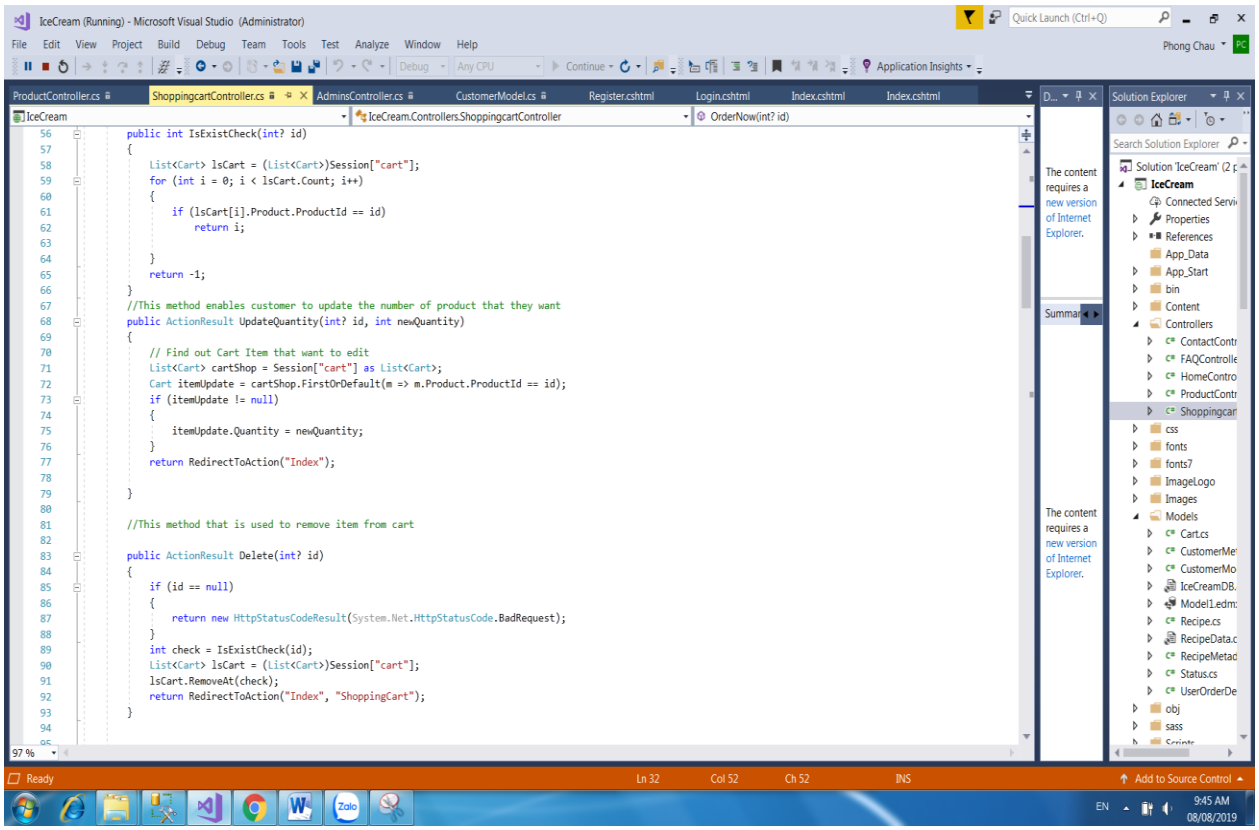



| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Image | Image | | | Product's image | Enable |
| 2 | Name | Textbox (Read only) | | | Product's name | Enable |
| 3 | Price | Textbox (Read only) | | | Product's unit price | Enable |
| 4 | Quantity | Textbox | | Focus | Product's quantity, if user want update quantity, type number of product want to buy and then press enter, the cart will reload & update | Enable |
| 5 | Subtotal | Textbox (Read only) | | | Product's subtotal price | Enable |
| 6 | Remove | Button | | Click | Click to clear cart | Enable |
| 7 | Add | Button | | Click | Click to update quantity | Enable |
| 8 | Continue shopping | Button | | Click | Click to go back home page | Enable |

**Source code:**

**Controller:**

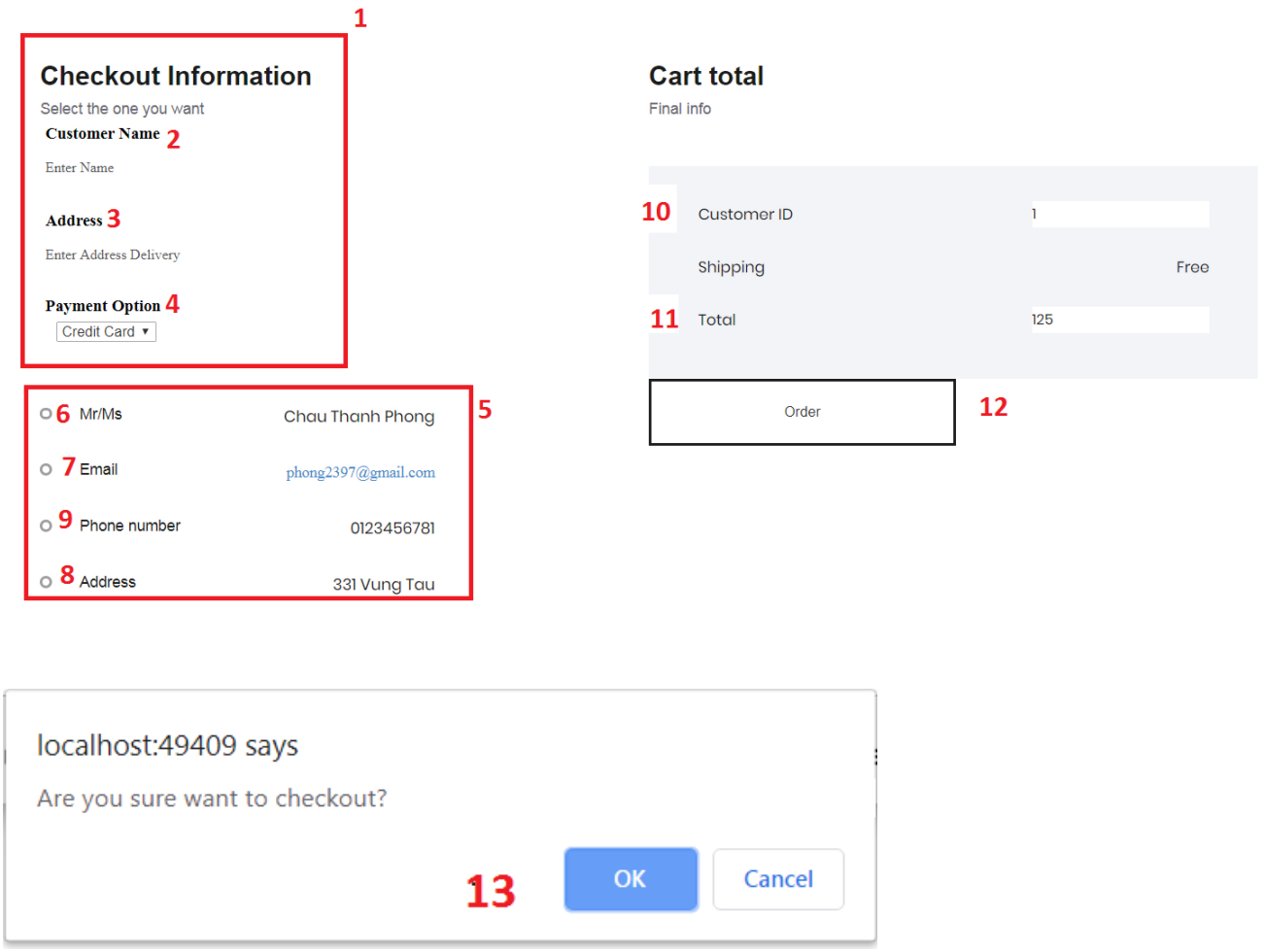
```
// GET: Shoppingcart
public ActionResult Index()
{
    return View();
}
public ActionResult OrderNow(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    if (Session["cart"] == null)
    {
        List<Cart> lsCart = new List<Cart>
        {
            new Cart(db.Product.Find(id),1)

        };
        Session["cart"] = lsCart;
    }
    else
    {
        List<Cart> lsCart = (List<Cart>)Session["cart"];
        int check = IsExistCheck(id);
        if (check == -1)
        {
            lsCart.Add(new Cart(db.Product.Find(id), 1));

        }
        else

        lsCart[check].Quantity++;
        Session["cart"] = lsCart;

    }

    return View("Index");
}
```



## View:

```
<div class="super_container">

    @{if (Session["cart"] != null)
        {       <div class="cart_info">
                <div class="container">
                    <div class="row">
                        <div class="col">
                            <!-- Column Titles -->
                            <div class="cart_info_columns clearfix">
                                <div class="cart_info_col cart_info_col_product">Shopping Cart</div>
                                <div class="cart_info_col cart_info_col_price">Price</div>
                                <div class="cart_info_col cart_info_col_quantity">Quantity</div>
                                <div class="cart_info_col cart_info_col_total">Total</div>
                            </div>
                        </div>
                    </div>
                    <div class="row cart_items_row">
                        <div class="col">


                            <!-- Cart Item -->
                            @foreach (var item in (List<Cart>)Session["cart"])
                            {
                                <div class="cart_item d-flex flex-lg-row flex-column align-items-lg-center align-items-start justify-content-start">
                                    <!-- Name -->
                                    <div class="cart_item_product d-flex flex-row align-items-center justify-content-start">
                                        <div class="cart_item_image">
                                            <div><img src="@item.Product.Image" alt=""></div>
                                        </div>
                                        <div class="cart_item_name_container">
                                            <div class="cart_item_name"><a href="#">@item.Product.Name</a></div>
                                            <div class="cart_item_edit"><a href="">Add</a></div>
                                            @Html.ActionLink("Remove", "Delete", "ShoppingCart", new { id = item.Product.ProductId }, new { @onclick = "return confirm('Are you sure want to remo
                                        </div>
                                        <div class="remove-btn">
                                            <div class="cart_item_name">
                                                @*@Html.ActionLink("Update", "UpdateQuantity", "ShoppingCart", new { id = item.Product.ProductId })*@

                                            </div>
```

**1.16. Checkout page:** This page show for user confirm payment.



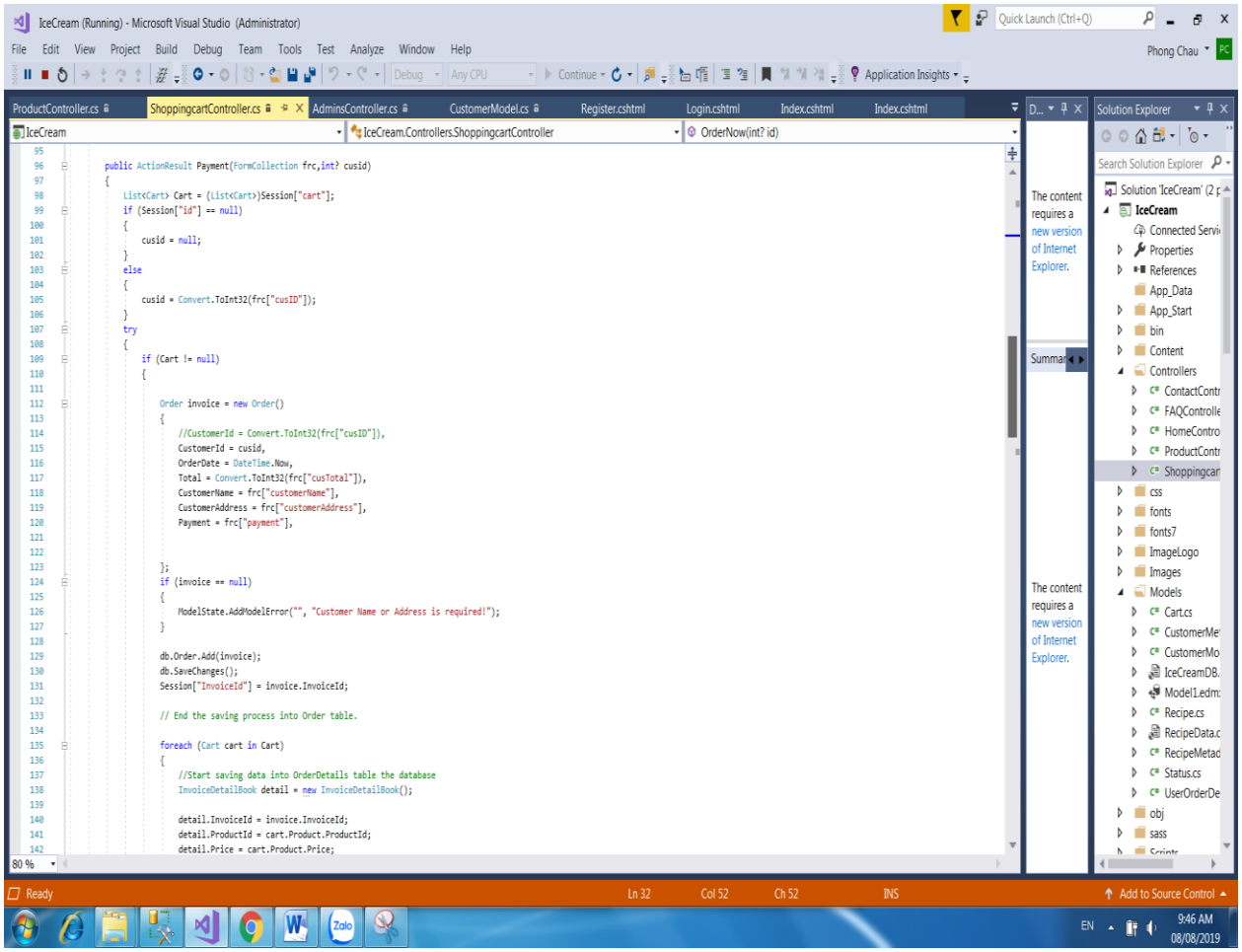

| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | User'Order | Textbox | | | Form Order | Enable |
| 2 | Customer name | Textbox | Not null<br>Max length :30 | | User input into the name<br>(both user register and no register) | Enable |
| 3 | Address | Textbox | Not null<br>Max length :30 | | User input into the Address<br>(both user register and no register) | Enable |
| 4 | Payment option | Select | Not null | | User choose your payment to order(both user register and no register) | Enable |
| 5 | Inforamtion user | Textbox (Read only) | | | User's information(must be login) | Enable |
| 6 | User Name | Textbox (Read only) | | | User's Name | Enable |

| | | | | | |
|---|---|---|---|---|---|
| 7 | Email | Textbox (Read only) | | User's Email | Enable |
| 8 | Address | Textbox (Read only) | | User's Address | Enable |
| 9 | Phone Number | Textbox (Read only) | | User's Phone | Enable |
| 10 | CustomerID | TextBox(Read only) | Focus | Primary key of Customer | Enable |
| 11 | Total | TextBox(read only) | Focus | Sum of quantity and price of product | Enable |
| 12 | Order | Button | Click | Click to checkout order | Enable |
| 13 | Ok | Button | Click | Click to confirm checkout | Enable |

**Source code:**

**Controller:**

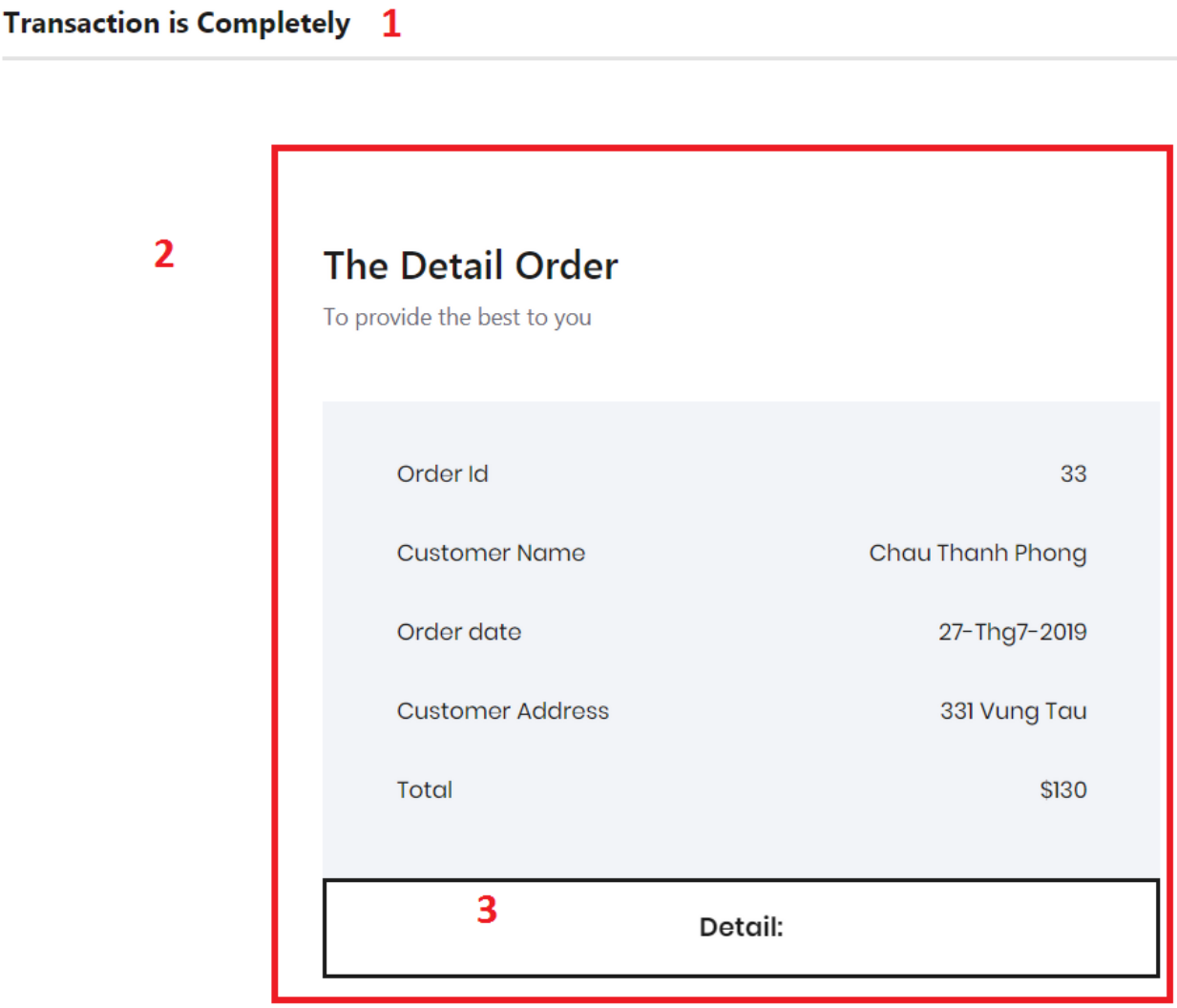
```
public PartialViewResult Shipping()
{
    if (Session["email"] != null)
    {
        var user = Session["email"].ToString();
        var model = CustomerModel.GetCustomer(user);
        if (model != null)
        {
            return PartialView(model);
        }
    }
    return PartialView();
}
```


IceCream (Running) - Microsoft Visual Studio (Administrator)
ProductController.cs
ShoppingcartController.cs
AdminsController.cs
CustomerModel.cs
Register.cshtml
Login.cshtml
Index.cshtml
Index.cshtml
IceCream
IceCream.Controllers.ShoppingcartController
OrderNow(int? id)
public ActionResult Payment(FormCollection frc,int? cusid)
{
List<Cart> Cart = (List<Cart>)Session["cart"];
if (Session["id"] == null)
{
cusid = null;
}
else
{
cusid = Convert.ToInt32(frc["cusID"]);
}
try
{
if (Cart != null)
{
Order invoice = new Order()
{
//CustomerId = Convert.ToInt32(frc["cusID"]),
CustomerId = cusid,
OrderDate = DateTime.Now,
Total = Convert.ToInt32(frc["cusTotal"]),
CustomerName = frc["customerName"],
CustomerAddress = frc["customerAddress"],
Payment = frc["payment"],
};
if (invoice == null)
{
ModelState.AddModelError("", "Customer Name or Address is required!");
}
db.Order.Add(invoice);
db.SaveChanges();
Session["InvoiceId"] = invoice.InvoiceId;
// End the saving process into Order table.
foreach (Cart cart in Cart)
{
//Start saving data into OrderDetails table the database
InvoiceDetailBook detail = new InvoiceDetailBook();
detail.InvoiceId = invoice.InvoiceId;
detail.ProductId = cart.Product.ProductId;
detail.Price = cart.Product.Price;
The content requires a new version of Internet Explorer.
The content requires a new version of Internet Explorer.
Solution Explorer
Search Solution Explorer
Solution 'IceCream' (2 p
IceCream
Connected Servi
Properties
References
App_Data
App_Start
bin
Content
Controllers
ContactContr
FAQControlle
HomeContro
ProductContr
Shoppingcar
css
fonts
fonts7
ImageLogo
Images
Models
Cart.cs
CustomerMe
CustomerMo
IceCreamDB.
Model1.edm
Recipe.cs
RecipeData.c
RecipeMetad
Status.cs
UserOrderDe
obj
sass
80 %
Ready
Ln 32
Col 52
Ch 52
INS
Add to Source Control
EN
9:46 AM
08/08/2019

## View:

```
@using (Html.BeginForm("Payment", "ShoppingCart", new { id = "customer-form" }, FormMethod.Post))
{
    if (Session["email"] != null)
    {
        if (Session["cart"] != null)
        {
            <form action="@Url.Action("Payment")" method="get">
                <div class="row row_extra">
                    <div class="col-lg-4">

                        <!-- Delivery -->
                        <div class="delivery">
                            <div class="section_title">Checkout Information</div>
                            <div class="section_subtitle">Select the one you want</div>
                            @{Html.RenderAction("Checkout", "Shoppingcart");}
                            @{Html.RenderAction("Shipping", "Shoppingcart");}
                        </div>
                         <!-- Coupon Code -->
                        @{
                            List<Cart> temp = (List<Cart>)Session["cart"];
                            var total = temp.Sum(x => x.Quantity * x.Product.Price);
                            // var total = String.Format("{0:N0}", temp.Sum(x => x.Quantity * x.Product.Price));
                        }

                    </div>

                    <div class="col-lg-6 offset-lg-2">
                        <div class="cart_total">
                            <div class="section_title">Cart total</div>
                            <div class="section_subtitle">Final info</div>
                            <div class="cart_total_container">
                                <ul>


                                    <input type="text" name="cusID" class="cart_total_value ml-auto" hidden="" value="@Session["id"]" />

                                   <li class="d-flex flex-row align-items-center justify-content-start">
                                        <div class="cart_total_title">Shipping</div>
                                        <div class="cart_total_value ml-auto">Free</div>
```

**1.17. InvoiceDetailBook:** this page display information about order user just bought




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Result | Textbox (Read only) | | | Message to customer order complete | Enable |
| 2 | Order information | Textbox (Read only) | | | Order information | Enable |
| 3 | Details | Button | | | Click to view details of this order | Enable |

**Source code:**

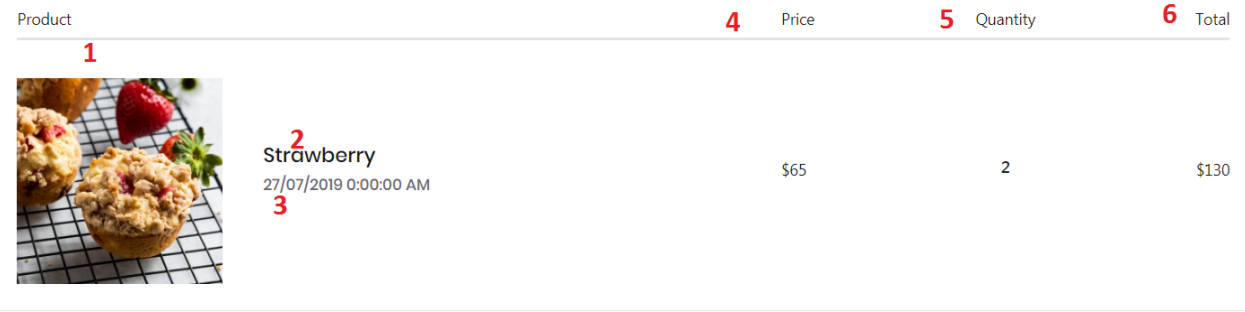
**Controller:**

```
public ActionResult Order()
{

    int id = (int)Session["InvoiceId"];
    var model = db.Order.Find(id);
    return View(model);
}


public ActionResult Checkout()
{
    return View();
}
```

**View:**

```
<div class="col">
    <!-- Column Titles -->
    <div class="cart_info_columns clearfix">
        <div class="cart_info_col cart_info_col_product"><h3 style="font-weight:bolder">Transaction is Completely</h3></div>

    </div>
</div>
</div>

<div class="row row_extra">
    <div class="container">

        <div class="col-lg-6 offset-lg-2">
            <div class="cart_total">
                <div class="section_title">The Detail Order</div>
                <div class="section_subtitle">To provide the best to you</div>
                <div class="cart_total_container">
                    <ul>
                        <li class="d-flex flex-row align-items-center justify-content-start">
                            <div class="cart_total_title">Order Id</div>
                            <div class="cart_total_value ml-auto">@Html.DisplayFor(model => model.InvoiceId)</div>
                        </li>
                        <li class="d-flex flex-row align-items-center justify-content-start">
                            <div class="cart_total_title">Customer Name</div>
                            <div class="cart_total_value ml-auto">@Html.DisplayFor(model => model.CustomerName)</div>
                        </li>
                        <li class="d-flex flex-row align-items-center justify-content-start">
                            <div class="cart_total_title">Order date</div>
                            <div class="cart_total_value ml-auto">@Html.DisplayFor(model => model.OrderDate)</div>
                        </li>
                        <li class="d-flex flex-row align-items-center justify-content-start">
                            <div class="cart_total_title">Customer Address</div>
                            <div class="cart_total_value ml-auto">@Html.DisplayFor(model => model.CustomerAddress)</div>
                        </li>

                        <li class="d-flex flex-row align-items-center justify-content-start">
                            <div class="cart_total_title">Total</div>
                            <div class="cart_total_value ml-auto">$@Html.DisplayFor(model => model.Total)</div>
                        </li>
                    </ul>
```

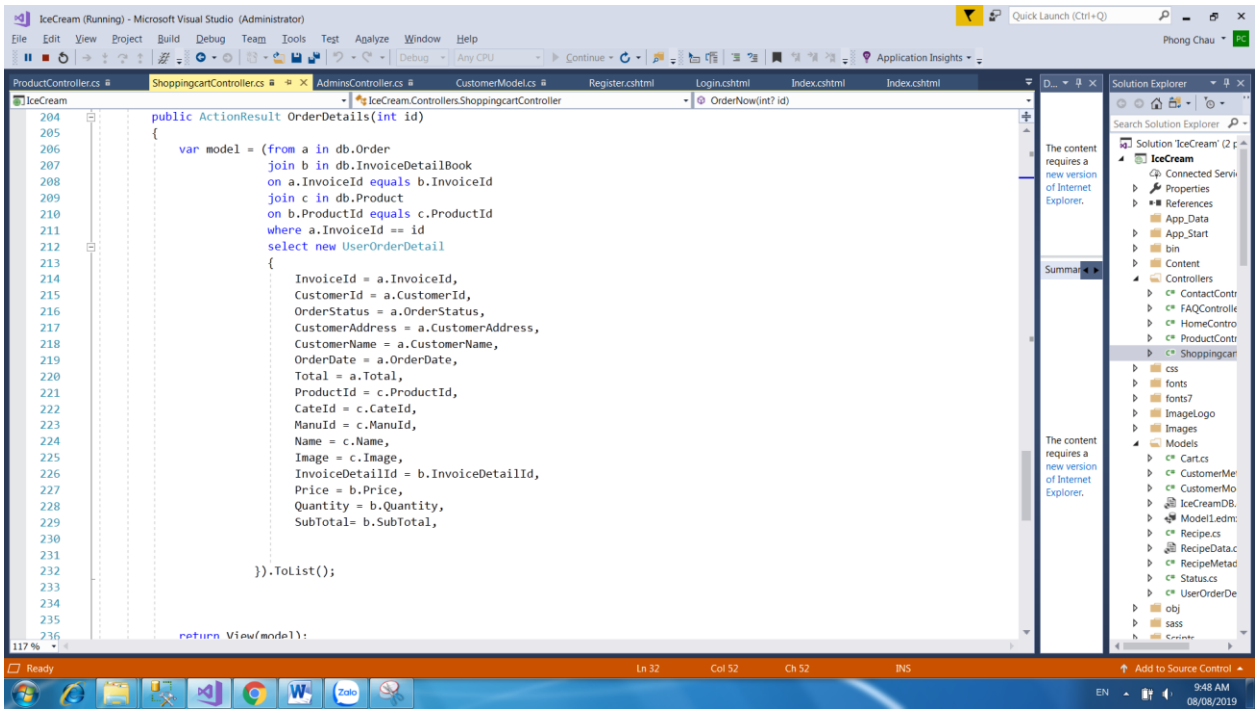
**1.18. Details of an order:** when user click details button in order details page, it will show details of it.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Image | Textbox (Read only) | | | Product's image | Enable |
| 2 | Product Name | Textbox (Read only) | | | Product's name | Enable |
| 3 | Order Date | Textbox (Read only) | | | Order date | Enable |
| 4 | Unit price | Textbox (Read only) | | | Product's unit price | Enable |
| 5 | Quantity | Textbox (Read only) | | | Quantity | Enable |
| 6 | Subtotal | Textbox (Read only) | | | Product's subtotal | Enable |

## Source code:

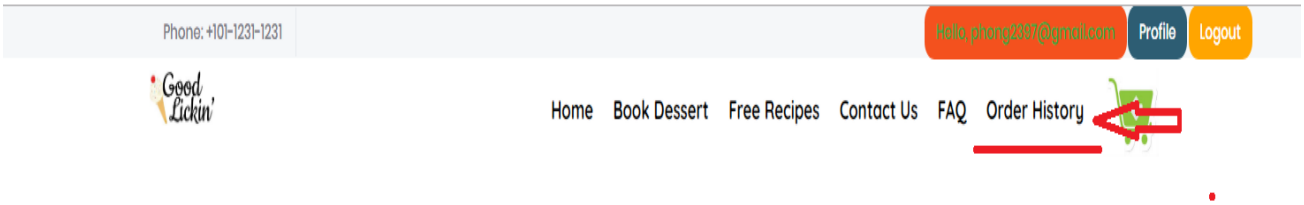
## Controller:

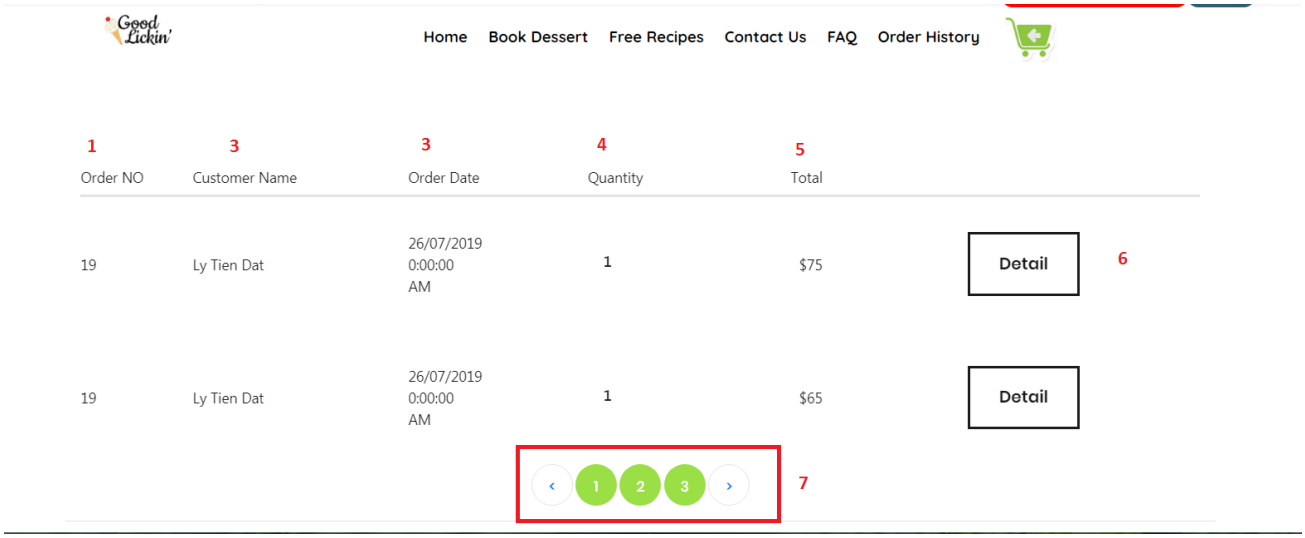


**View:**

```
<div class="super_container">
    <div class="cart_info">
        <div class="container">
            <div class="row">
                <div class="col">
                    <!-- Column Titles -->
                    <div class="cart_info_columns clearfix">
                        <div class="cart_info_col cart_info_col_product">Product</div>
                        <div class="cart_info_col cart_info_col_price">Price</div>
                        <div class="cart_info_col cart_info_col_quantity">Quantity</div>
                        <div class="cart_info_col cart_info_col_total">Total</div>
                    </div>
                </div>
            </div>
            <div class="row cart_items_row">
                <div class="col">

                    <!-- Cart Item -->
                    @foreach (var item in Model)
                    {
                        <div class="cart_item d-flex flex-lg-row flex-column align-items-lg-center align-items-start justify-content-start">
                            <!-- Name -->
                            <div class="cart_item_product d-flex flex-row align-items-center justify-content-start">
                                <div class="cart_item_image">
                                    <div><img src="@item.Image" alt=""></div>
                                </div>
                                <div class="cart_item_name_container">
                                    <div class="cart_item_name"><a href="#">@item.Name</a></div>
                                    <div class="cart_item_edit"><a href="#">@item.OrderDate</a></div>
                                </div>
                            </div>

                            <!-- Price -->
                            <div class="cart_item_price">$@item.Price</div>
                            <!-- Quantity -->
```

**1.19. Personal order history:** this page display history all orders of personal user. User can view it by click to menu “Order History” appears when user login successfully.

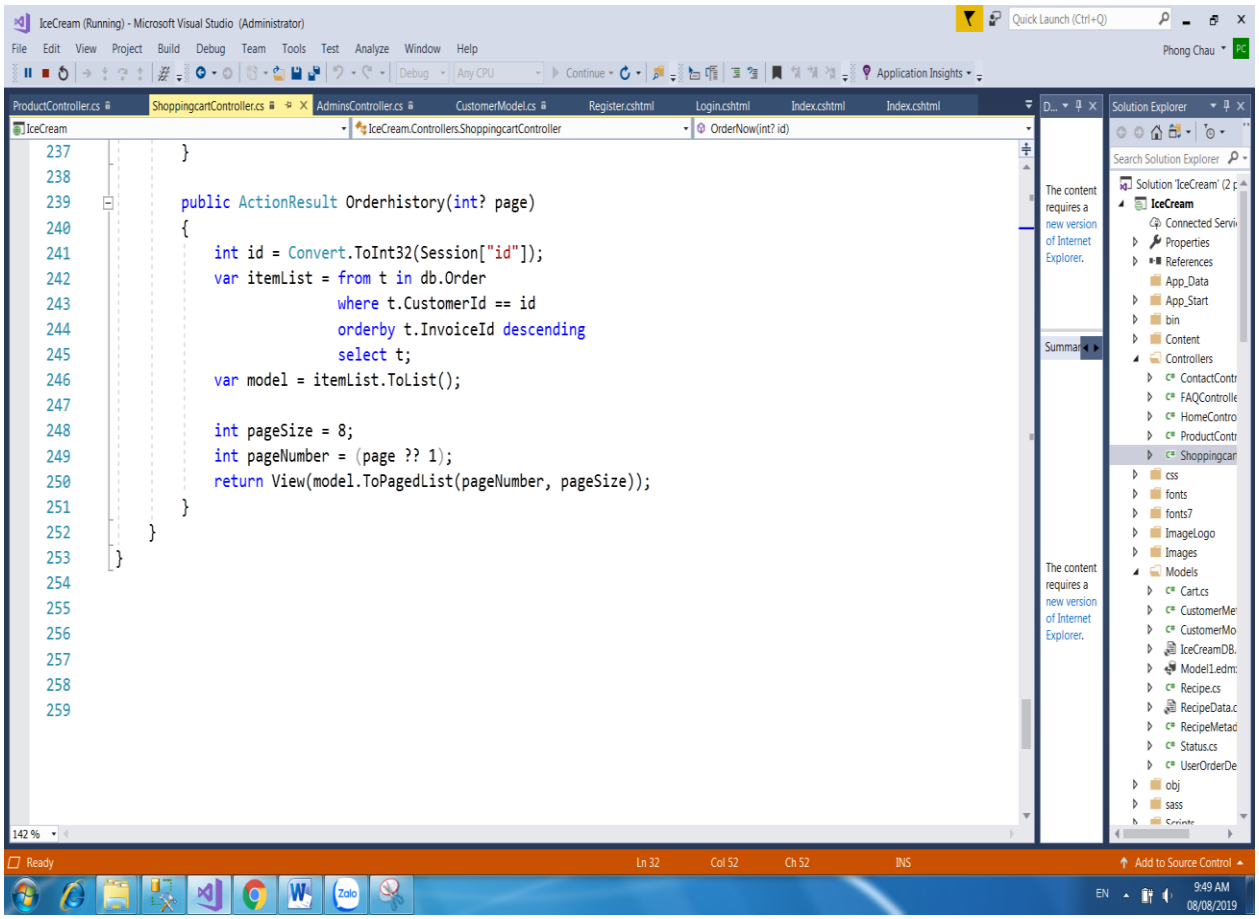





| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | OrderId | Textbox (Read only) | | | Id of Order | Enable |
| 2 | Customer Name | Textbox (Read only) | | | Customer's Name | Enable |
| 3 | Order Date | Textbox (Read only) | | | Order date | Enable |
| 4 | Quantity | Textbox (Read only) | | | Quantity | Enable |
| 5 | Subtotal | Textbox (Read only) | | | Product's subtotal | Enable |
| 6 | btnDetail | Button | | Click | Details of Order | Enable |
| 7 | Number Page | Hyperlink | | Click | Number Page Order history | |

**Source code:**

**Controller:**

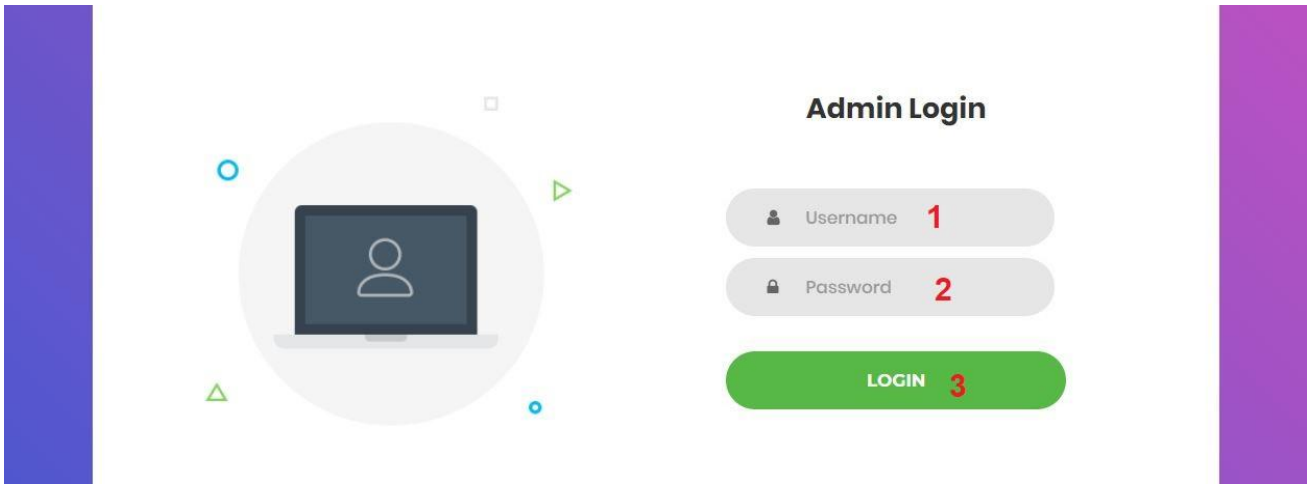

IceCream (Running) - Microsoft Visual Studio (Administrator)
ProductController.cs
ShoppingcartController.cs
AdminsController.cs
CustomerModel.cs
Register.cshtml
Login.cshtml
Index.cshtml
Index.cshtml
IceCream
IceCream.Controllers.ShoppingcartController
OrderNow(int? id)
237 }
238
239 public ActionResult Orderhistory(int? page)
240 {
241 int id = Convert.ToInt32(Session["id"]);
242 var itemList = from t in db.Order
243 where t.CustomerId == id
244 orderby t.InvoiceId descending
245 select t;
246 var model = itemList.ToList();
247
248 int pageSize = 8;
249 int pageNumber = (page ?? 1);
250 return View(model.ToPagedList(pageNumber, pageSize));
251 }
252 }
253 }
254
255
256
257
258
259
Solution Explorer
Ready
Ln 32
Col 52
Ch 52
INS
Add to Source Control

## View:

```
<div class="container">
    <div class="row">
        <div class="col">
            <!-- Column Titles -->
            <div class="cart_info_columns clearfix">
                <div class="cart_info_col cart_info_col_price">Order NO</div>
                <div class="cart_info_col cart_info_col_price">Customer Name</div>
                <div class="cart_info_col cart_info_col_price" style="margin-left:100px">Order Date</div>
                <div class="cart_info_col cart_info_col_quantity">Quantity</div>
                <div class="cart_info_col cart_info_col_total">Total</div>
            </div>
        </div>
    </div>
    <div class="row cart_items_row">
        <div class="col">

            <!-- Cart Item -->
            @foreach (var item in Model)
            {
            <div class="cart_item d-flex flex-lg-row flex-column align-items-lg-center align-items-start justify-content-start">
                <!-- Name -->
                <div class="cart_item_price">
                    <div class="cart_item_product">@item.InvoiceId</div>
                </div>
                <div class="cart_item_price">@item.CustomerName</div>
                <div class="cart_item_total">
                    <div class="cart_item_total" style="margin-left:100px">@item.OrderDate</div>
                </div>

                <!-- Price -->
                <!-- Quantity -->
                <div class="cart_item_quantity">
                    <div class="product_quantity_container"  style="margin-left:180px">
                        @*<div class="product_quantity clearfix">*@
                        <h4>@item.Quantity</h4>

                        @*</div>*@
                    </div>
                </div>
                <!-- Total -->
```

## 2. Admin Interface:

### 2.1. **Login Page**: Login form for admin (default: Username: **admin**, password: **123456**)




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtUsername | Textbox | -Not null<br>-Min length:5<br>-Max length:20 | Focus | Input username | Enable |
| 2 | txtPassword | Textbox (password) | -Not null<br>-Min length:6<br>-Max length:20 | Focus | Input password | Enable |
| 3 | btnSubmit | Button | | Click | Click to login | Enable |

**Source code:**

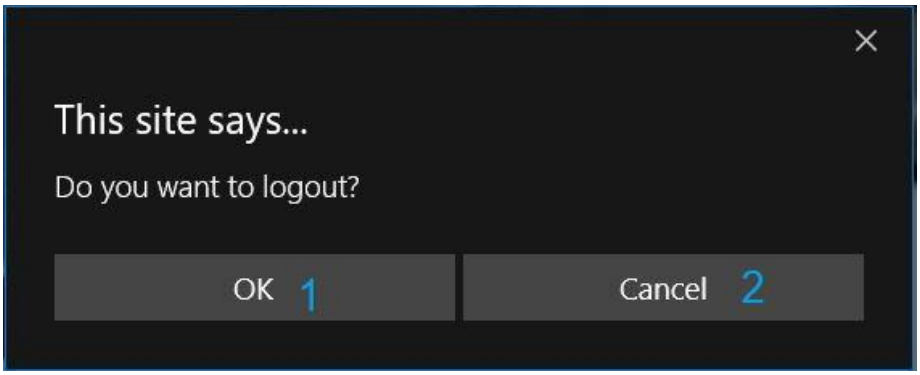
## Controller:

```
[HttpPost]
public ActionResult Login(Admin loginAdmin)
{
    try
    {
        var admin = db.Admin.SingleOrDefault(a => a.Username.Equals(loginAdmin.Username));
        if (ModelState.IsValid)
        {
            if (admin != null)
            {

                Session["aname"] = admin.Username;
                if (admin.Password.Equals(loginAdmin.Password))
                {
                    TempData["aName"] = admin;
                    return RedirectToAction("Index", "Admins");

                }
                else
                {
                    ModelState.AddModelError("", "Invalid password...");
                }
            }
            else
            {
                ModelState.AddModelError("", "Invalid username...");
            }
        }
    }
```

## View:

```
<div class="container-login100">
    <div class="wrap-login100">
        <div class="login100-pic js-tilt" data-tilt>
            <img src="/Images/img-01.png" alt="IMG">
        </div>

        <form id="Login" class="login100-form validate-form" method="post">
            <span class="login100-form-title">
                Admin Login
            </span>
            @Html.AntiForgeryToken()
            @Html.ValidationSummary(true)
            <div class="wrap-input100 validate-input">
                <input class="input100" type="text" name="Username" placeholder="Username">
                @Html.ValidationMessageFor(m => m.Username)
                <span class="focus-input100"></span>
                <span class="symbol-input100">
                    <i class="fa fa-user" aria-hidden="true"></i>
                </span>
            </div>

            <div class="wrap-input100 validate-input">
                <input class="input100" type="password" name="Password" placeholder="Password">
                @Html.ValidationMessageFor(m => m.Password)
                <span class="focus-input100"></span>
                <span class="symbol-input100">
                    <i class="fa fa-lock" aria-hidden="true"></i>
                </span>
            </div>

            <div class="container-login100-form-btn">
                <button class="login100-form-btn" type="submit">
                    Login
                </button>
            </div>
```

### 2.2. **Logout:** notification will appear when admin click logout button

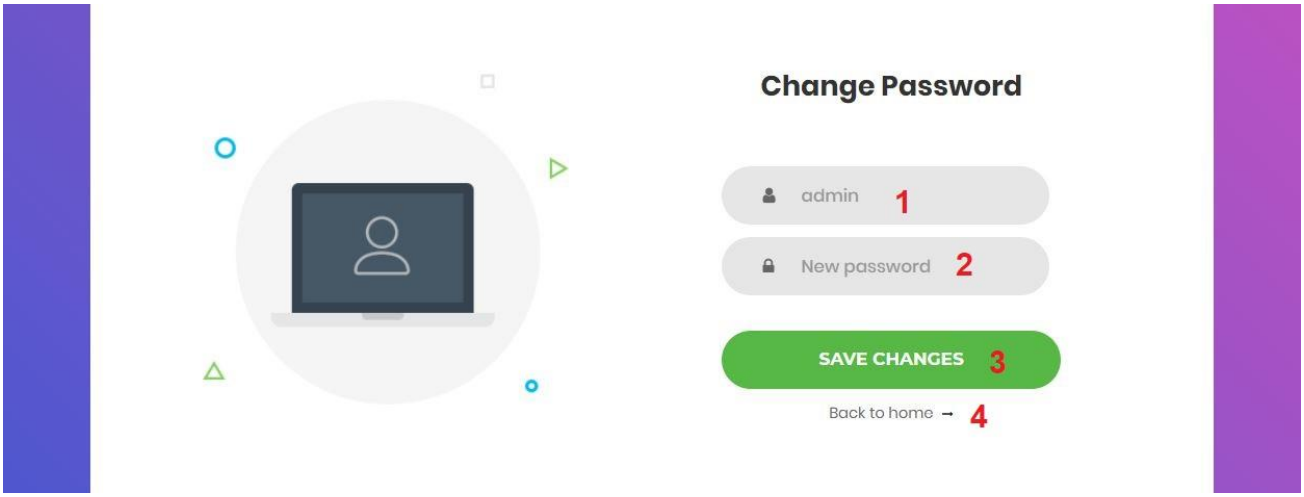



| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | btnOk | Button | | Click | Click to logout | Enable |
| 2 | btnCancel | Button | | Click | Click to return | Enable |

**Source code:**

```
// GET: Admins/Logout
public ActionResult Logout()
{
    Session["aname"] = null;
    Session.Abandon();
    return RedirectToAction("Login", "Admins");
}
```

### 2.3. **Change Password Page:** Admin can change password here




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Username | Textbox (Read only) | | Focus | Username | |
| 2 | New Password | Textbox (password) | - Not null<br>- Min length:6<br>- Max length:20 | Focus | Input new password | Enable |
| 3 | Save changes | Button | | Click | Click to change password | Enable |
| 4 | Back to Home | Hyperlink | | Click | Click to return home page | Enable |

**Source code:**

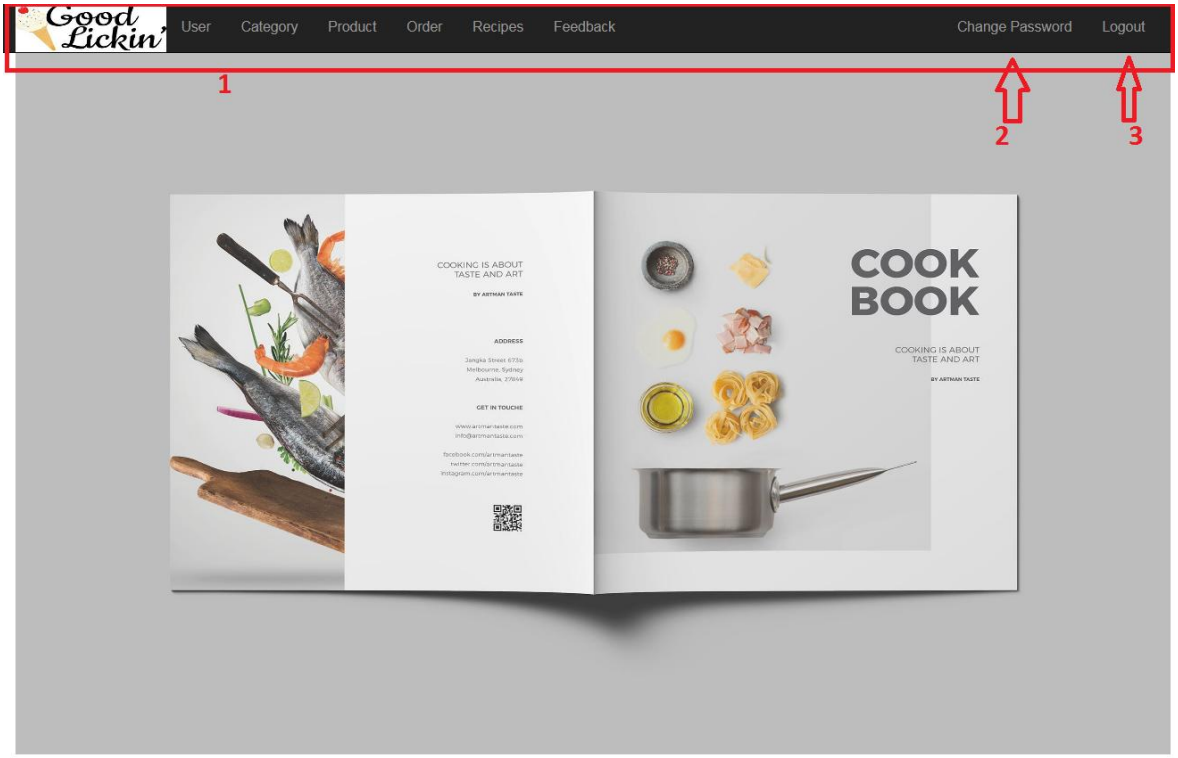
**Controller:**

```
// GET: Admins/Edit/5
public ActionResult Edit(string id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Admin admin = db.Admin.Find(id);
    if (admin == null)
    {
        return HttpNotFound();
    }
    return View(admin);
}

// POST: Admins/Edit/5
// To protect from overposting attacks, please enable the specific properties you want to bind to, for
// more details see https://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
public ActionResult Edit([Bind(Include = "Username,Password")] Admin admin)
{
    if (ModelState.IsValid)
    {
        db.Entry(admin).State = EntityState.Modified;
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    return View(admin);
}
```

## View:

```
<div class="container-login100">
    <div class="wrap-login100">
        <div class="login100-pic js-tilt" data-tilt>
            <img src="/Images/img-01.png" alt="IMG">
        </div>

        <form id="Edit" class="login100-form validate-form" method="post">
            <span class="login100-form-title">
                Change Password
            </span>
            @Html.HiddenFor(model => model.Username)
            <div class="wrap-input100 validate-input">
                <input class="input100" type="text" placeholder="@Session["aname"]" readonly>
                <span class="focus-input100"></span>
                <span class="symbol-input100">
                    <i class="fa fa-user" aria-hidden="true"></i>
                </span>
            </div>

            <div class="wrap-input100 validate-input">
                <input class="input100" type="text" name="Password" placeholder="New password">
                @Html.ValidationMessageFor(m => m.Password)
                <span class="focus-input100"></span>
                <span class="symbol-input100">
                    <i class="fa fa-lock" aria-hidden="true"></i>
                </span>
            </div>

            <div class="container-login100-form-btn">
                <button class="login100-form-btn" type="submit" onclick="return confirm('Are you sure you want to change password')">
                    Save changes
                </button>
            </div>
```

### 2.4. **Home Page:** has navigation bar links to all manage pages




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Navigation Bar | Hyperlink | | Click | Click to go to management pages | Enable |
| 2 | Change Password | Hyperlink | | Click | Click to go to change password page | Enable |
| 3 | Logout | Hyperlink | | Click | Click to logout | Enable |

**Source code:**

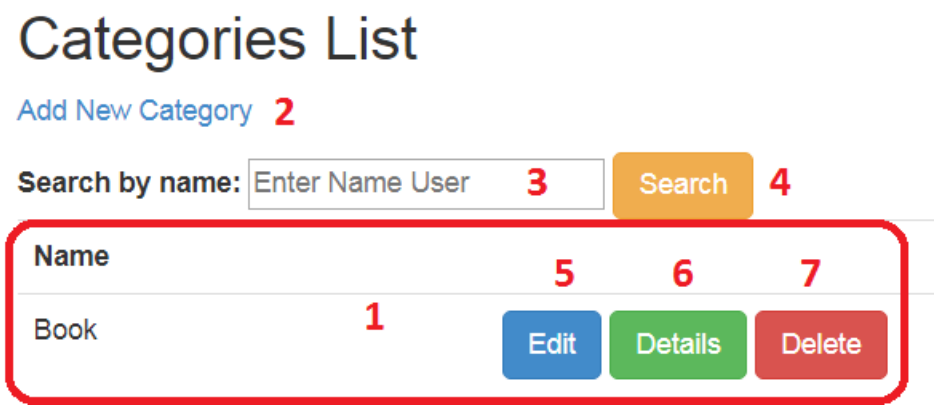
**FrontEnd:**

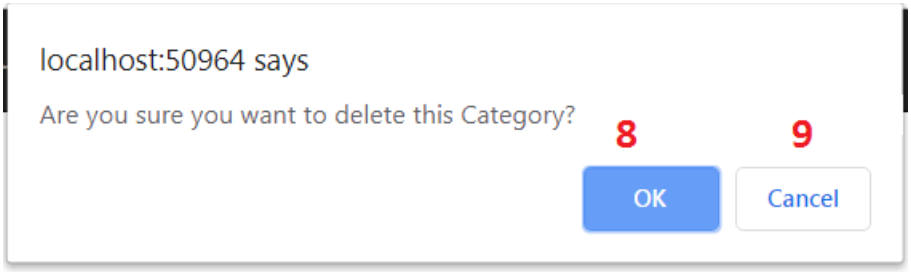
```
// GET: Admins/Index
public ActionResult Index()
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    else
    {
        return View();
    }
}
```

```
<body>
    <div class="navbar navbar-inverse navbar-fixed-top">
        <div class="container">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a href="~/Admins/Index"><img src="~/Images/OCM.jpg" height="50" , width="150" /></a>
            </div>
            <div>
                <ul class="nav navbar-nav navbar-right">
                    @if (@Session["aname"] != null)
                    {
                        <ul class="nav navbar-nav navbar-right">
                            <li>@Html.ActionLink("Change Password", "Edit", new { id = @Session["aname"] })</li>
                            <li>@Html.ActionLink("Logout", "Logout", "Admins", new { onclick = "return confirm('Do you want to logout?')" })</li>
                        </ul>
                    }
                </ul>
            </div>
            <div class="navbar-collapse collapse ">
                <ul class="nav navbar-nav">
                    @if (@Session["aname"] != null)
                    {
                        <li>@Html.ActionLink("User", "UserIndex", "Admins")</li>
                        <li>@Html.ActionLink("Category", "CategoryIndex", "Admins")</li>
                        <li>@Html.ActionLink("Product", "ProductIndex", "Admins")</li>
                        <li>@Html.ActionLink("Order", "OrderIndex", "Admins")</li>
                        <li>@Html.ActionLink("Recipes", "ReIndex", "Admins")</li>
                        <li>@Html.ActionLink("Feedback", "FeedbackIndex", "Admins")</li>

                    }
                </ul>
            </div>
        </div>
    </div>
    <div class="container body-content">
```

**2.5. Category Management Page:** Admin can manage product here

**2.5.1. Add new Category:** Create category form for admin






| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Category List | Table | | | List of Category | Enable |
| 2 | Add New Category | Hyperlink | | Click | Click to go to add new category page | Enable |
| 3 | txtSearch | Textbox | | Click | Input name of Search to search | Enable |
| 4 | btnFilter | Button | | Click | Click to search product | Enable |
| 5 | Edit | Hyperlink | | Click | Click to go to edit category page | Enable |
| 6 | Details | Hyperlink | | Click | Click to go to product details page | Enable |
| 7 | Delete | Hyperlink | | Click | Process to delete product | Enable |
| 8 | btnOk | Button | | Click | Click to delete product | Enable |
| 9 | btnCancel | Button | | Click | Click to return | Enable |

**Source code:**

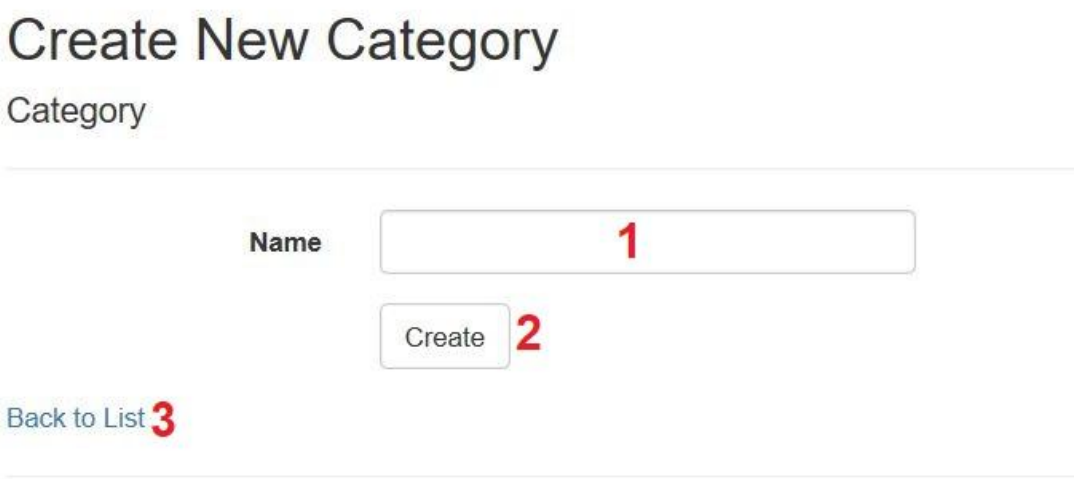
**Controller:**

```
// GET: Admins/CategorieIndex
public ActionResult CategoryIndex(string cName)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    var model = db.Category.ToList();
    if (!string.IsNullOrEmpty(cName))
    {
        model = model.Where(p => p.Name.ToUpper().Contains(cName)
                            || p.Name.ToLower().Contains(cName)).ToList();
        return View(model);
    }
    else
    {
        return View(model);
    }
}
```

## View:

```
<p>
    @Html.ActionLink("Add New Category", "CategoryCreate", "Admins")
</p>
<div>
    @using (Html.BeginForm("Index", "User", FormMethod.Get))
    {

        <label>Search by name:</label>
        <input type="text" name="name" placeholder="Enter Name User" />
        <input type="submit" value="Search" class="btn btn-warning" />

    }
</div>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.Name)
        </th>
        <th></th>
    </tr>

    @foreach (var item in Model)
    {
    <tr>
        <td>
            @Html.DisplayFor(modelItem => item.Name)
        </td>
        <td>
            @Html.ActionLink("Edit", "CategoryEdit", new { id = item.CateId }, new { @class = "btn btn-primary" })
            @Html.ActionLink("Details", "CategoryDetails", new { id = item.CateId }, new { @class = "btn btn-success" })
            @Html.ActionLink("Delete", "CategoryIndex", new { id=item.CateId },
                        new { onclick = "return confirm('Are you sure you want to delete this Category?')", @class = "btn btn-danger" })
        </td>
    </tr>
    }
```

### 2.5.2. **Add new Category:** Create category form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtCateName | Textbox | - Not null<br>- Max length:50 | Focus | Input category name | Enable |
| 2 | btnSubmit | Button | | Click | Click to add new category | Enable |
| 3 | Back to list | Hyperlink | | Click | Click to go back category list | Enable |

**Source code:**

**Controller:**

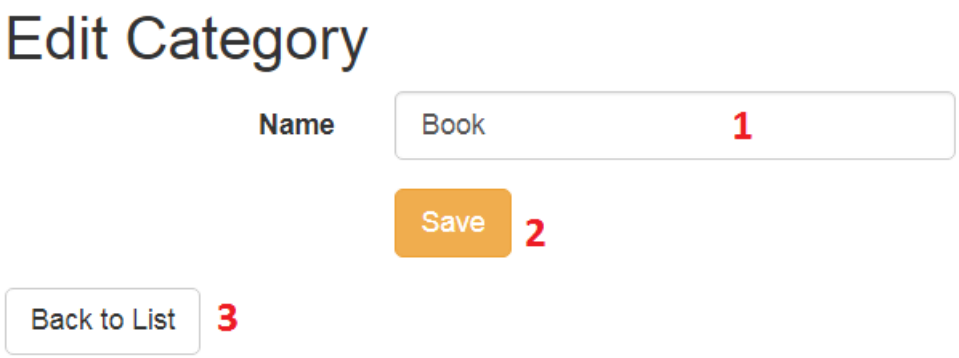
```
// GET: Admins/CategoryCreate
public ActionResult CategoryCreate()
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    return View();
}
```

,

## View:

```
<h2>Add New Category</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

    <div class="form-horizontal">
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
        <div class="form-group">
            @Html.LabelFor(model => model.Name, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Name, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Name, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <div class="col-md-offset-2 col-md-10">
                <input type="submit" value="Create" class="btn btn-success" />
            </div>
        </div>
    </div>
}

<div>
    @Html.ActionLink("Back to List", "CategoryIndex")
</div>
```

### 2.5.3. Edit Category: Edit category form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtCateName | Textbox | - Not null<br>- Max length:50 | Focus | Input to edit category name | Enable |
| 2 | btnSubmit | Button | | Click | Click to edit category | Enable |
| 3 | Back to list | Hyperlink | | Click | Click to go back category list | Enable |

**Source code:**

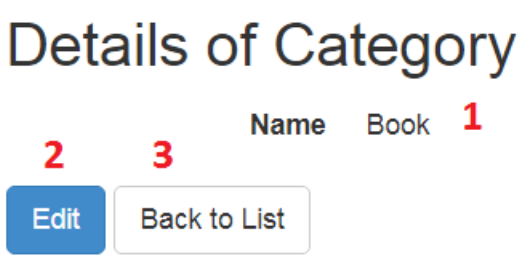
**Controller:**

```
public ActionResult CategoryEdit(int? id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Category category = db.Category.Find(id);
    if (category == null)
    {
        return HttpNotFound();
    }
    return View(category);
}

// POST: Admins/CategoryEdit
// To protect from overposting attacks, please enable the specific properties you want to bind to, for
// more details see https://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult CategoryEdit([Bind(Include = "CateId,Name")] Category category)
{
    if (ModelState.IsValid)
    {
        db.Entry(category).State = EntityState.Modified;
        db.SaveChanges();
        return RedirectToAction("CategoryIndex");
    }
    return View(category);
}
```

**View:**

```
@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

    <div class="form-horizontal">
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
        @Html.HiddenFor(model => model.CateId)

        <div class="form-group">
            @Html.LabelFor(model => model.Name, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Name, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Name, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            <div class="col-md-offset-2 col-md-10">
                <input type="submit" value="Save" class="btn btn-warning" onclick="return confirm('Are you sure you want to edit this category?')" />
            </div>
        </div>
    </div>
}

<div>
    @Html.ActionLink("Back to List", "CategoryIndex","", new { @class = "btn btn-default" })
</div>
```

**2.5.4. Details of Category:** This page display details of a category




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtCateName | Textbox (Read only) | | | Category's name | Enable |
| 2 | Edit | Hyperlink | | Click | Click to go to edit category page | Enable |
| 3 | Back to list | Hyperlink | | Click | Click to go back category list | Enable |

## Source code:

## Controller:

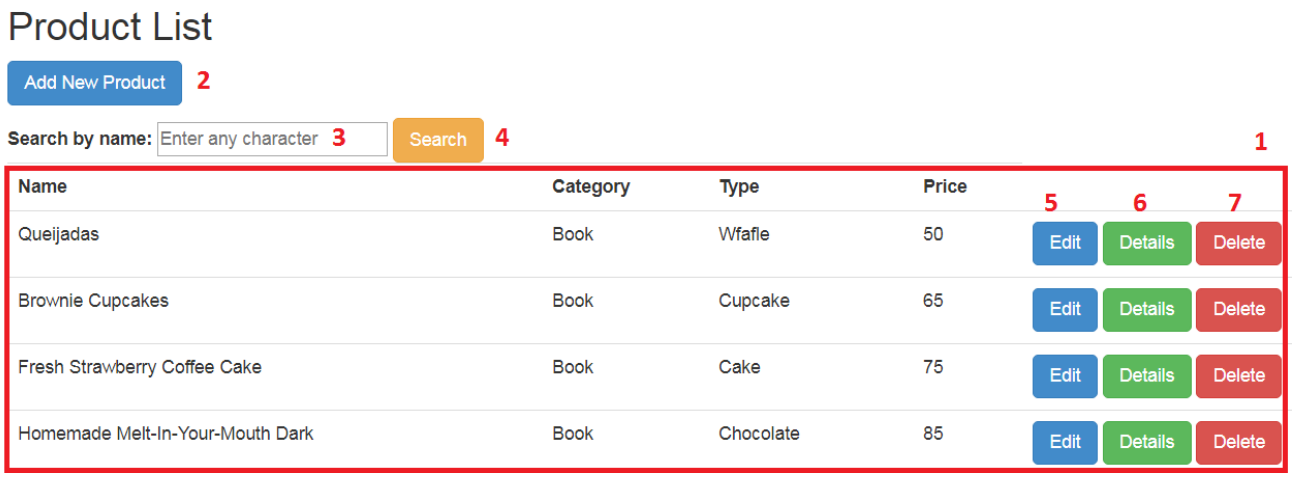
```
// GET: Admins/CategoryDetails/5
public ActionResult CategoryDetails(int? id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Category category = db.Category.Find(id);
    if (category == null)
    {
        return HttpNotFound();
    }
    return View(category);
}
```

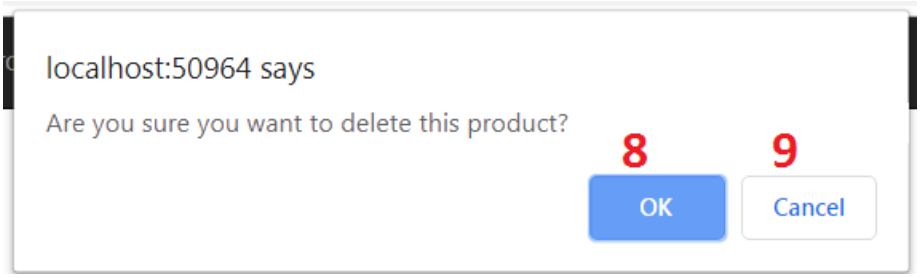
## View:

```
@model WebAdmin.Models.Category
@{
    ViewBag.Title = "Details";
    Layout = "~/Views/Shared/_AdminLayout.cshtml";
}

<h2>Details of Category</h2>

<div>
    <dl class="dl-horizontal">
        <dt>
            @Html.DisplayNameFor(model => model.Name)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Name)
        </dd>

    </dl>
</div>
<p>
    @Html.ActionLink("Edit", "CategoryEdit", new { id = Model.CateId },new { @class = "btn btn-primary" })

    @Html.ActionLink("Back to List", "CategoryIndex", "", new { @class = "btn btn-default" })
</p>
```

### 2.6. Product Management Page: Admin can manage product here

#### 2.6.2. Manage Product List: Display list of product, admin can create, view details, edit or delete a product from here.




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Product List | Table | | | List of products | Enable |
| 2 | Add New | Hyperlink | | Click | Click to go to add new product page | Enable |
| 3 | txtSearch | Textbox | | Click | Input name of product to search | Enable |
| 4 | btnFilter | Button | | Click | Click to search product | Enable |
| 5 | Edit | Hyperlink | | Click | Click to go to edit product page | Enable |
| 6 | Details | Hyperlink | | Click | Click to go to product details page | Enable |
| 7 | Delete | Hyperlink | | Click | Process to delete product | Enable |
| 8 | btnOk | Button | | Click | Click to delete product | Enable |
| 9 | btnCancel | Button | | Click | Click to return | Enable |

**Source code:**

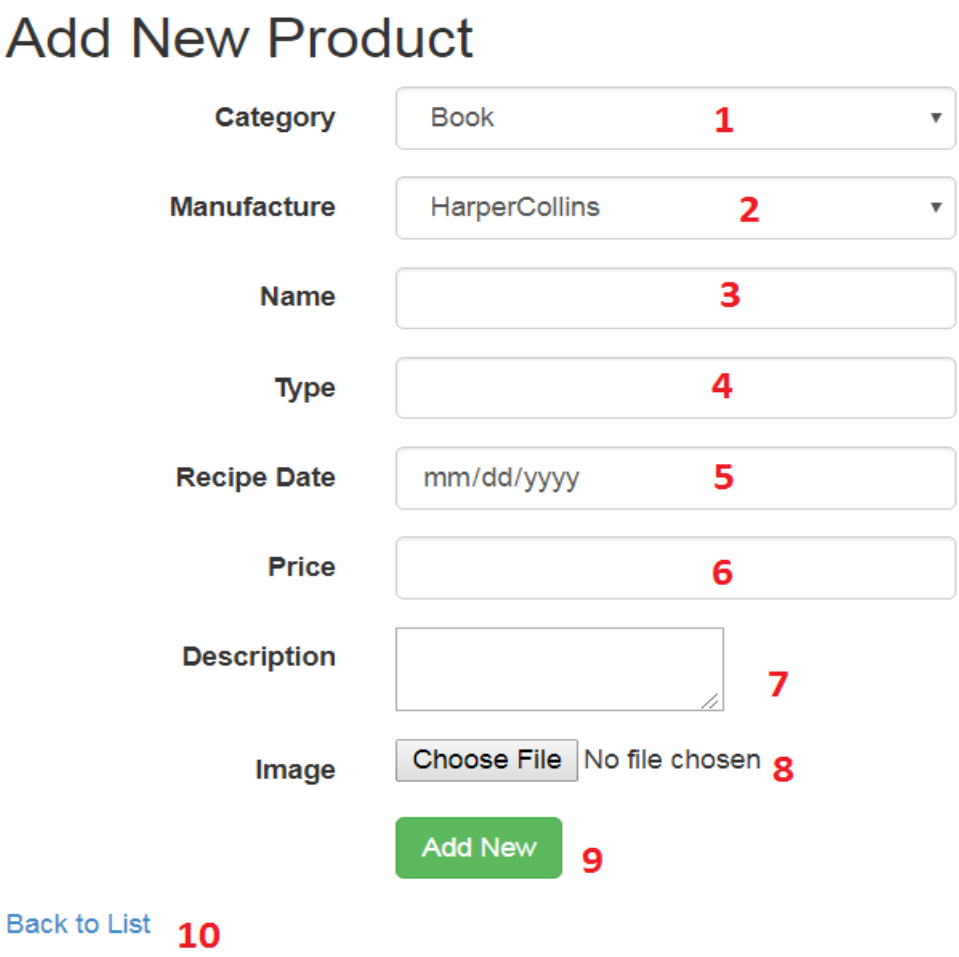
## Controller:

```
// GET: Admins/ProductIndex
public ActionResult ProductIndex(string pName)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    var products = db.Product.Include(p => p.Category).Include(p => p.Manufacture);
    var model = products.ToList();
    if (!string.IsNullOrEmpty(pName))
    {
        model = model.Where(p => p.Name.ToUpper().Contains(pName)
                            || p.Name.ToLower().Contains(pName)).ToList();
        return View(model);
    }
    else
    {
        return View(model);
    }
}
```

## View:

```
        <label>Search by name:</label>
        <input type="text" name="pName" placeholder="Enter any character" />
        <input type="submit" value="Search"class="btn btn-warning" />

    }
</div>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.Name)
        </th>
        <th>
            @Html.DisplayName("Category")
        </th>
        <th>
            @Html.DisplayNameFor(model => model.Type)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.Price)
        </th>
    </tr>

    @foreach (var item in Model)
    {
    <tr>
        <td>
            @Html.DisplayFor(modelItem => item.Name)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Category.Name)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Type)
        </td>
        <td>
```

### 2.6.3. Add new Product: Create product form for admin

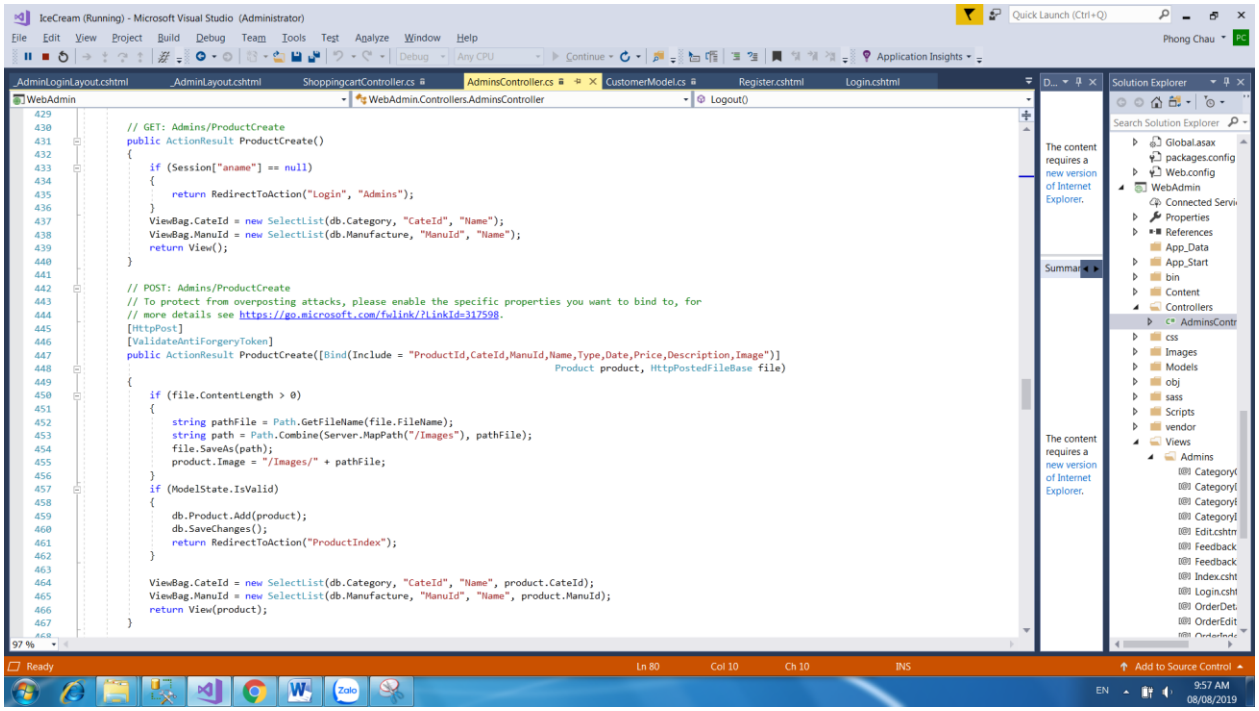



| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 2 | ddCategory | Dropdown List | Not Null | Focus | Choose name of category | Enable |
| 1 | ddManufacture | Dropdown List | Not Null | Focus | Choose name of manufacture | Enable |
| 3 | txtProductName | Textbox | - Not null<br>- Max length:50 | Focus | Input product name | Enable |
| 4 | txtType | Textbox | - Not null<br>- Max length:50 | Focus | Input product type | Enable |
| 5 | Date | Calendar | Not Null | Focus | Input product recipe date | Enable |
| 6 | txtPrice | Textbox | - Not null<br>- From 1 to 10000 | Focus | Input product price | Enable |
| 7 | txtDescription | Textbox | - Not null<br>- Max length:1000 | Focus | Input product description | Enable |
| 8 | fuImage | File Upload | Not null | Focus | Upload product image | Enable |

| | | | | | |
|---|---|---|---|---|---|
| 9 | btnSubmit | Button | Click | Click to add new product | Enable |
| 10 | Back to List | Hyperlink | Click | Click to return product list | Enable |

## Source code:

## Controller:




## View:

```
@using (Html.BeginForm("ProductCreate", "Admins", FormMethod.Post, new { enctype = "multipart/form-data" }))
{
    @Html.AntiForgeryToken()

    <div class="form-horizontal">
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
        <div class="form-group">
            @Html.LabelFor(model => model.CateId, "Category", htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.DropDownList("CateId", null, htmlAttributes: new { @class = "form-control" })
                @Html.ValidationMessageFor(model => model.CateId, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.ManuId, "Manufacture", htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.DropDownList("ManuId", null, htmlAttributes: new { @class = "form-control" })
                @Html.ValidationMessageFor(model => model.ManuId, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.Name, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Name, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Name, "", new { @class = "text-danger" })
```

**2.6.4. Product Details:** This page display details of a product

| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Product Name | Textbox (Read only) | | | Product's name | Enable |
| 2 | Type | Textbox (Read only) | | | Product's type | Enable |
| 3 | Date | Calendar (Read only) | | | Product's recipe date | Enable |
| 4 | Price | Textbox (Read only) | | | Product's price | Enable |
| 5 | Image | Image (Read only) | | | Product's image | Enable |
| 6 | Description | Textbox (Read only) | | | Product's description | Enable |
| 7 | Category Name | Dropdown List | | | Category's Name | Enable |
| 8 | Manufacture Name | Dropdown List | | | Manufacture's Name | Enable |
| 9 | Edit | Hyperlink | | Click | Click to go to edit product page | Enable |
| 10 | Back to List | Hyperlink | | Click | Click to return product list | Enable |

## Source code:

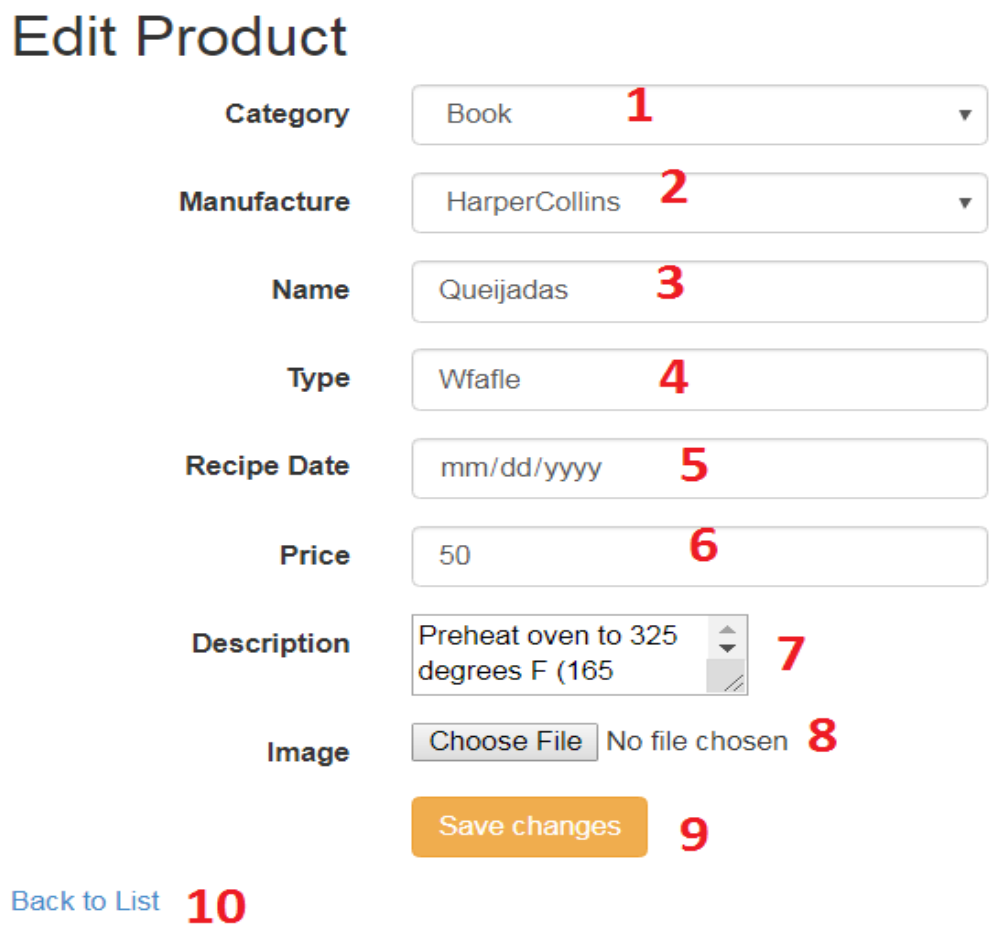
## Controller:

```
        // GET: Admins/ProductDetails/5
        public ActionResult ProductDetails(int? id)
        {
            if (Session["aname"] == null)
            {
                return RedirectToAction("Login", "Admins");
            }
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Product product = db.Product.Find(id);
            if (product == null)
            {
                return HttpNotFound();
            }
            return View(product);
        }
```

## View:

```
<h2>Details of Product</h2>

<div>
    <table class="table">
        <tr>
            <th>
                @Html.DisplayNameFor(model => model.Name)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Type)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Date)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Price)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Image)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Description)
            </th>
            <th>
                @Html.DisplayName("Category")
            </th>
            <th>
                @Html.DisplayName("Manufacture")
            </th>
```

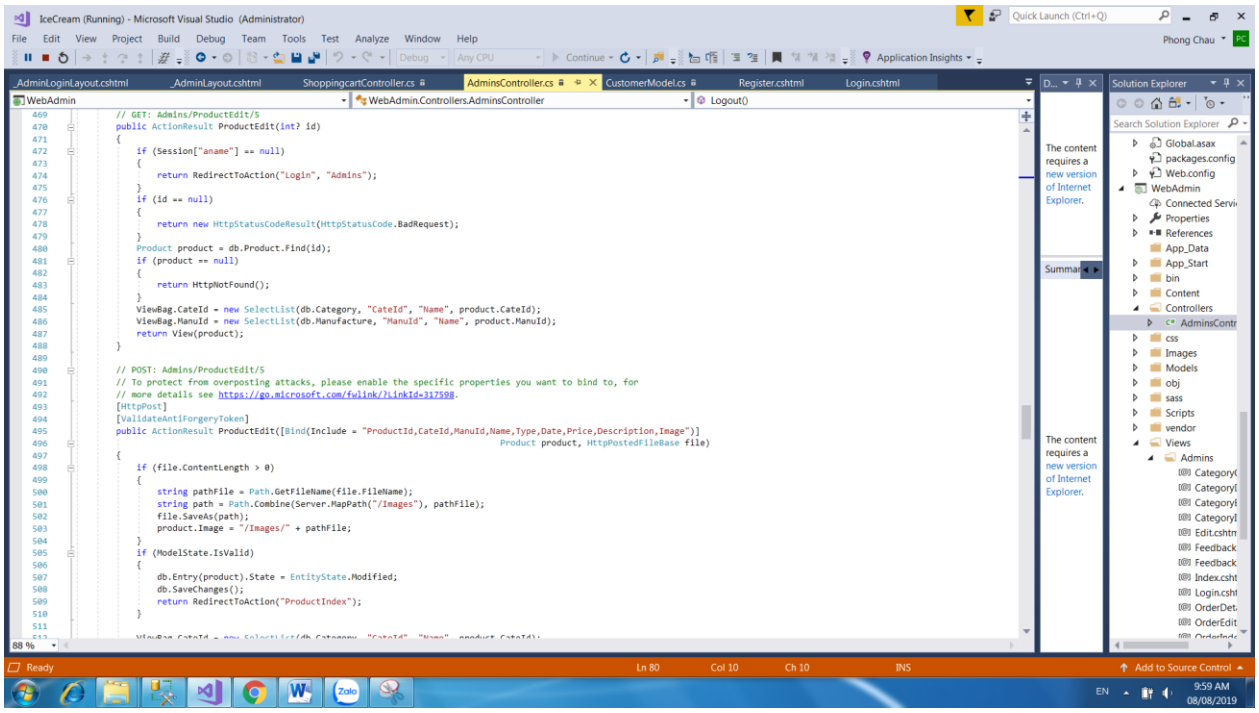
**2.6.5. Edit Product:** Edit product form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 2 | ddCategory | Dropdown List | Not Null | Focus | Choose name of category | Enable |
| 1 | ddManufacture | Dropdown List | Not Null | Focus | Choose name of manufacture | Enable |
| 3 | txtProductName | Textbox | - Not null<br>- Max length:50 | Focus | Input product name | Enable |
| 4 | txtType | Textbox | - Not null<br>- Max length:50 | Focus | Input product type | Enable |
| 5 | Date | Calendar | Not Null | Focus | Input product recipe date | Enable |
| 6 | txtPrice | Textbox | - Not null<br>- From 1 to 10000 | Focus | Input product price | Enable |
| 7 | txtDescription | Textbox | - Not null<br>- Max length:1000 | Focus | Input product description | Enable |
| 8 | fuImage | File Upload | Not null | Focus | Upload product image | Enable |
| 9 | btnSaveChanges | Button | | Click | Click to edit product | Enable |
| 10 | Back to List | Hyperlink | | Click | Click to return product list | Enable |

## Source code:

## Controller:

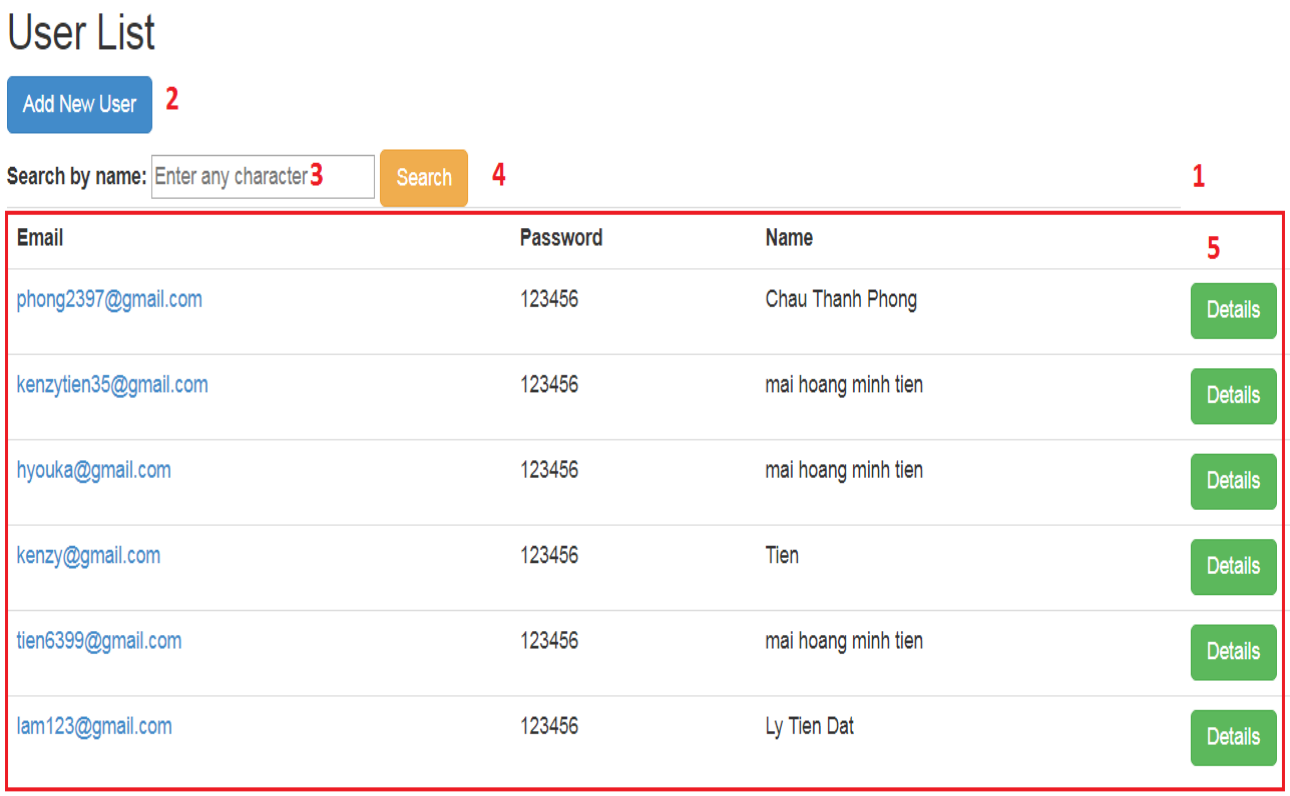



## View:

```
<h2>Edit Product</h2>

@using (Html.BeginForm("ProductEdit", "Admins", FormMethod.Post, new { enctype = "multipart/form-data" }))
{
    @Html.AntiForgeryToken()

    <div class="form-horizontal">
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
        @Html.HiddenFor(model => model.ProductId)

        <div class="form-group">
            @Html.LabelFor(model => model.CateId, "Category", htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.DropDownList("CateId", null, htmlAttributes: new { @class = "form-control" })
                @Html.ValidationMessageFor(model => model.CateId, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.ManuId, "Manufacture", htmlAttributes: new { @class = "control-label col-md-2" }
            <div class="col-md-10">
                @Html.DropDownList("ManuId", null, htmlAttributes: new { @class = "form-control" })
                @Html.ValidationMessageFor(model => model.ManuId, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.Name, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
```

### 2.7. User Management Page: Admin can manage user here

#### 2.7.2. Manage User List: Display list of user, admin can create, view details user from here




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | User List | Table | | | List of user | Enable |
| 2 | Add New | Hyperlink | | Click | Click to go to add new user page | Enable |
| 3 | txtSearch | Textbox | | Click | Input name of user to search | Enable |
| 4 | btnFilter | Button | | Click | Click to search user | Enable |
| 5 | Details | Hyperlink | | Click | Click to go to user details page | Enable |

**Source code:**

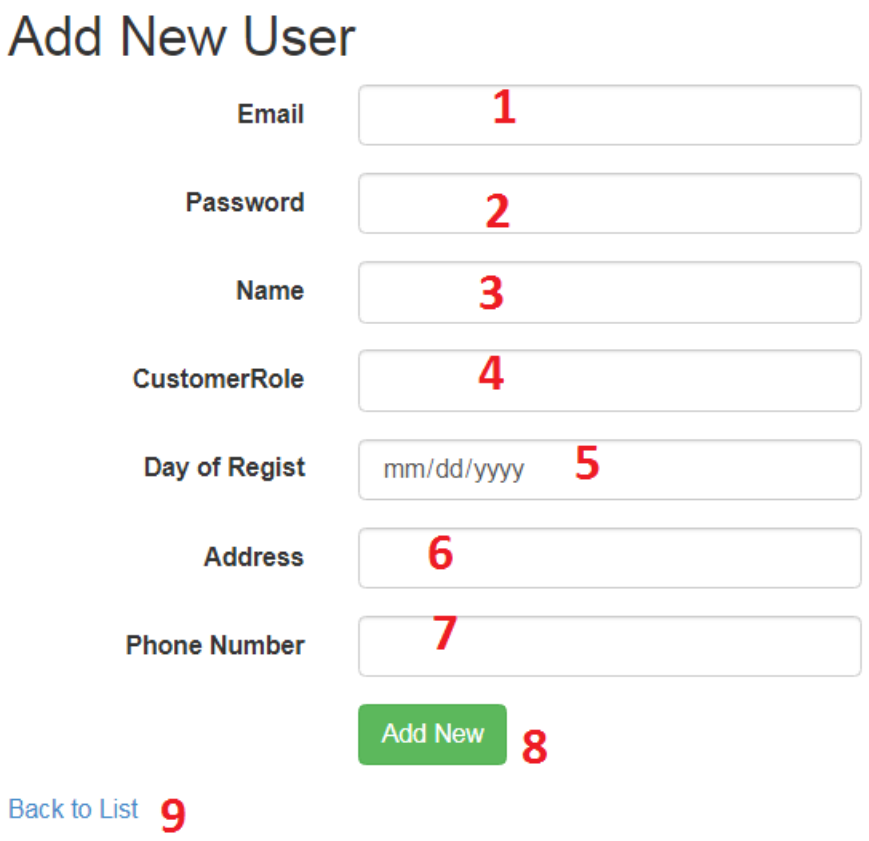
## Controller:

```
// GET: Admins/User index/id
public ActionResult UserIndex(string uName)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    var model = db.Customer.ToList();
    if (!string.IsNullOrEmpty(uName))
    {
        model = model.Where(p => p.CustomerName.ToUpper().Contains(uName)
                            || p.CustomerName.ToLower().Contains(uName)).ToList();
        return View(model);
    }
    else
    {
        return View(model);
    }
}
```

## View:

```
<div>
    @using (Html.BeginForm("UserIndex", "Admins", FormMethod.Get))
    {

        <label>Search by name:</label>
        <input type="text" name="uName" placeholder="Enter any character" />
        <input type="submit" value="Search" class="btn btn-warning" />

    }
</div>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.CustomerEmail)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.CustomerPassword)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.CustomerName)
        </th>
    </tr>

    @foreach (var item in Model)
    {
        <tr>
            <td>
                @Html.DisplayFor(modelItem => item.CustomerEmail)
            </td>
            <td>
                @Html.DisplayFor(modelItem => item.CustomerPassword)
            </td>
            <td>
                @Html.DisplayFor(modelItem => item.CustomerName)
```

### 2.7.3. Add New User: Create user form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtEmail | Textbox | - Not null<br>-DataType EmailAddress | Focus | Input email | Enable |
| 2 | txtPassword | Textbox | - Not null<br>- Max length:50 | Focus | Input password | Enable |
| 3 | txtName | Textbox | - Not null<br>- Max length:50 | Focus | Input user's full name | Enable |
| 4 | txtRole | Textbox | | Focus | Input value role member | Enable |
| 5 | txtDayofRegist | Calendar | | Focus | Input user's register | Enable |
| 6 | txtAddress | Textbox | - Not null<br>- Max length:50 | Focus | Input user's address | Enable |
| 7 | txtPhone | Textbox | - Not null<br>- Max length:15 | Focus | Input user's phone number | Enable |
| 8 | btnSubmit | Button | | Click | Click to add new user | Enable |
| 9 | Back to List | Hyperlink | | Click | Click to return user list | Enable |

## Source code:

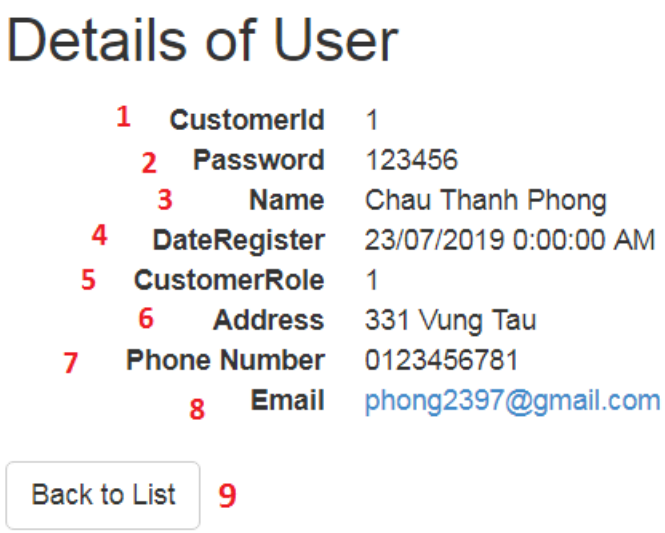
## Controller:

```
// GET: Admins/UserCreate
public ActionResult UserCreate()
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    return View();
}

// POST: Admins/UserCreate
// To protect from overposting attacks, please enable the specific properties you want to bind to, for
// more details see https://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult UserCreate([Bind(Include = "CustomerId,CustomerEmail,CustomerPassword,CustomerName,CustomerAddress,CustomerPhone,DateRegister,CustomerRole")] Customer
  user)
{
    if (ModelState.IsValid)
    {
        db.Customer.Add(user);
        db.SaveChanges();
        return RedirectToAction("UserIndex");
    }

    return View(user);
}
```

## View:

```
<h2>Add New User</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

<div class="form-horizontal">
    @Html.ValidationSummary(true, "", new { @class = "text-danger" })
    <div class="form-group">
        @Html.LabelFor(model => model.CustomerEmail, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.CustomerEmail, new { htmlAttributes = new { @class = "form-control" } })
            @Html.ValidationMessageFor(model => model.CustomerEmail, "", new { @class = "text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.CustomerPassword, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.CustomerPassword, new { htmlAttributes = new { @class = "form-control" } })
            @Html.ValidationMessageFor(model => model.CustomerPassword, "", new { @class = "text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.CustomerName, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.CustomerName, new { htmlAttributes = new { @class = "form-control" } })
            @Html.ValidationMessageFor(model => model.CustomerName, "", new { @class = "text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.CustomerRole, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
```

**2.7.4. User Details:** This page display details of a user




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtCustomerId | Textbox (Read only) | | Focus | Username | Enable |
| 2 | txtPassword | Textbox (Read only) | | Focus | Password | Enable |
| 3 | txtName | Textbox (Read only) | | Focus | User's full name | Enable |
| 4 | txtDayofRegist | Textbox (Read only) | | Focus | User's Regist | Enable |
| 5 | txCustomerRole | Textbox (Read only) | | Focus | User's Role | Enable |
| 6 | txtAddress | Textbox (Read only) | | Focus | User's address | Enable |
| 7 | txtPhone | Textbox (Read only) | | Focus | User's phone number | Enable |
| 8 | txtEmail | Textbox (Read only) | | Focus | User's email | Enable |
| 9 | Back to List | Hyperlink | | Click | Click to return user list | Enable |

## Source code:

## Controller:

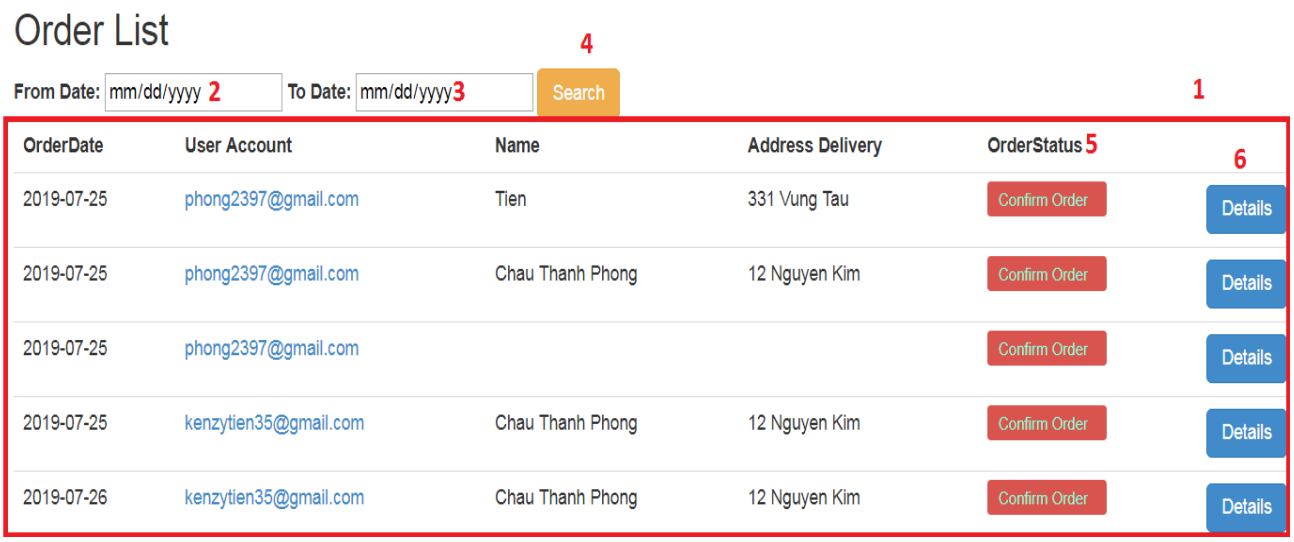
```
// GET: Admins/UserDetails/5
public ActionResult UserDetails(int? id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Customer user = db.Customer.Find(id);
    if (user == null)
    {
        return HttpNotFound();
    }
    return View(user);
}
```

## View:

```
<div>
    <dl class="dl-horizontal">
        <dt>
            @Html.DisplayNameFor(model => model.CustomerId)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.CustomerId)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.CustomerPassword)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.CustomerPassword)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.CustomerName)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.CustomerName)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.DateRegister)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.DateRegister)

        </dd>

        <dt>
```

### 2.8. **Order Management Page:** Admin can manage order here

#### 2.8.2. **Manage Order List:** Display list of order, admin can view details an order from here




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Order List | Table | | | List of order | Enable |
| 2 | txtdFrom | Textbox | | Focus | Input start date want to search | Enable |
| 3 | txtdTo | Textbox | | Focus | Input end date want to search | Enable |
| 4 | btnFilter | Button | | Click | Click to search order | Enable |
| 5 | BtnStatus | Button | | Click | Click to update status order | Enable |
| 6 | Details | Hyperlink | | Click | Click to go to order details page | Enable |

**Source code:**

**Controller:**

```
// GET: Admins/OrderIndex
public ActionResult OrderIndex(DateTime? dFrom, DateTime? dTo)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    var orders = db.Order.Include(o => o.Customer);
    var details = orders.Include(o => o.InvoiceDetailBook);
    if (!string.IsNullOrEmpty(dFrom.ToString()) && !string.IsNullOrEmpty(dTo.ToString()))
    {
        var model = details.ToList().Where(p => (p.OrderDate >= dFrom) && (p.OrderDate <= dTo));
        return View(model);
    }
    else
    {
        return View(details.ToList());
    }


}
```

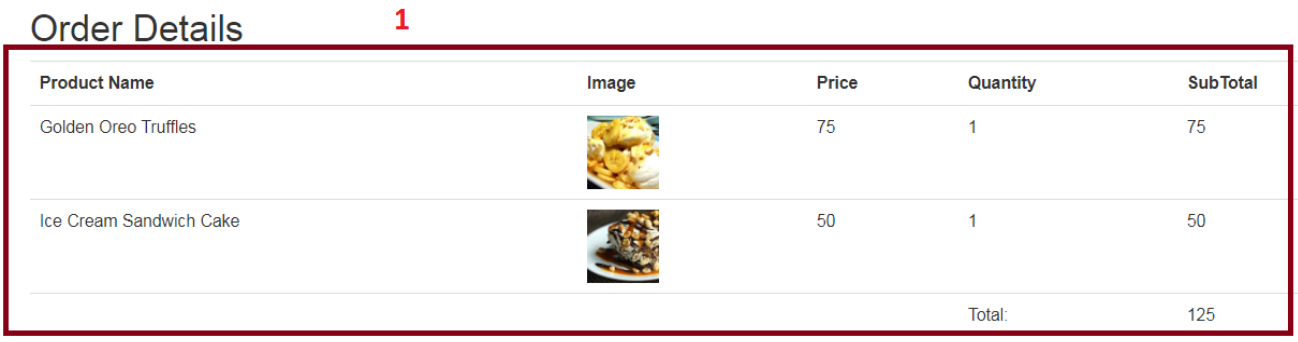
```
public ActionResult ChangeStatus(int? id)
{
    var model = db.Order.Find(id);
    if (model == null)
    {
        return HttpNotFound();
    }
    //Update all field to avoid errors
    //Phone number must be in valid format
    if (model.OrderStatus == true)
    {
        model.CustomerId = model.CustomerId;
        model.CustomerName = model.CustomerName;
        model.CustomerAddress = model.CustomerAddress;
        model.OrderDate = model.OrderDate;
        model.Payment = model.Payment;
        model.Total = model.Total;

        model.OrderStatus = false;
        db.SaveChanges();
    }
    else if (model.OrderStatus == false)
    {
        model.CustomerId= model.CustomerId;
        model.CustomerName = model.CustomerName;
        model.CustomerAddress = model.CustomerAddress;
        model.OrderDate = model.OrderDate;
        model.Payment = model.Payment;
        model.Total = model.Total;

        model.OrderStatus = true;
        db.SaveChanges();
    }

    return RedirectToAction("OrderIndex", "Admins");
}
```

:

**View:**

```
@model IEnumerable<WebAdmin.Models.Order>

@{
    ViewBag.Title = "Index";
    Layout = "~/Views/Shared/_AdminLayout.cshtml";
}

<h2>Order List</h2>

@using (Html.BeginForm())
{
    <label>From Date:</label>
    <input type="date" name="dFrom" placeholder="MM/dd/yyyy" />
    <label>To Date:</label>
    <input type="date" name="dTo" placeholder="MM/dd/yyyy" />
    <input type="submit" value="Search" class="btn btn-warning" />
}
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.OrderDate)
        </th>
        <th>
            @Html.DisplayName("User Account")
        </th>
        <th>
            @Html.DisplayNameFor(model => model.CustomerName)
        </th>
        <th>
            @Html.DisplayName("Address Delivery")
        </th>
        <th>
            @Html.DisplayNameFor(model => model.OrderStatus)
        </th>
```

**2.8.3. Order Details Page:** This page display details of an order




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Order Details List | Table | | | Order details of 1 order | Enable |
| 2 | Back to List | Hyperlink | | Click | Click to return order list | Enable |

**Source code:**

**Controller:**

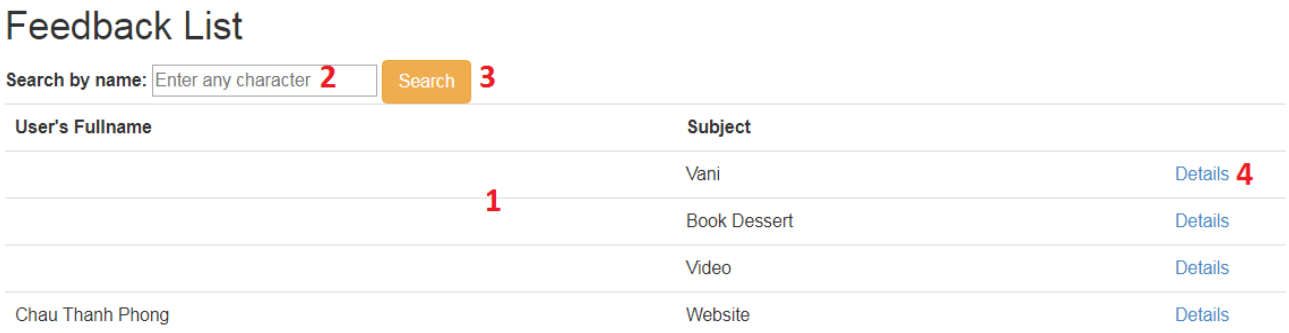
```
// GET: Adminss/OrderDetailIndex
public ActionResult OrderDetailsIndex(int id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    var orderDetails = db.InvoiceDetailBook.Include(o => o.Order).Include(o => o.Product);
    var model = orderDetails.ToList().Where(o => o.InvoiceId == id);
    return View(model);
}
```

## View:

```
        ViewBag.Title = "Index";
        Layout = "~/Views/Shared/_AdminLayout.cshtml";
    }

    <h2>Order Details</h2>
<table class="table">
        <tr>
            <th>
                @Html.DisplayName("Product Name")
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Product.Image)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Price)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Quantity)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.SubTotal)
            </th>
        </tr>

        @foreach (var item in Model)
        {
            <tr>...</tr>
        }
            <tr>
                <td></td>
                <td></td>
                <td></td>
                <td>Total:</td>
                <td>@Model.Sum(s => s.SubTotal)</td>
            </tr>
    </table>
```

### 2.9. Feedback Management Page: Admin can manage feedback here

#### 2.9.2. Feedback List: Display list of feedback, view details, recipe from here




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Feedback List | Table | | | List of feedbacks | Enable |
| 2 | txtSearch | Textbox | | Focus | Input user's full name to search feedback | Enable |
| 3 | btnFilter | Button | | Click | Click to search feedback | Enable |
| 4 | Details | Hyperlink | | Click | Click to go to details & delete feedback page | Enable |

## Source code:

## Controller:

```
        // GET: Admins/FeedbackIndex
        public ActionResult FeedbackIndex(string fName)
        {
            if (Session["aname"] == null)
            {
                return RedirectToAction("Login", "Admins");
            }
            var feedbacks = db.FeedBack.Include(f => f.Customer);
            var model = feedbacks.ToList();
            if (!string.IsNullOrEmpty(fName))
            {
                model = model.Where(p => p.Customer.CustomerName.ToUpper().Contains(fName)
                                    || p.Customer.CustomerName.ToLower().Contains(fName)).ToList();
                return View(model);
            }
            else
            {
                return View(model);
            }


        }
```

## View:

```
<h2>Feedback List</h2>

<div>
    @using (Html.BeginForm("FeedbackIndex", "Admins", FormMethod.Get))
    {

        <label>Search by name:</label>
        <input type="text" name="fName" placeholder="Enter any character" />
        <input type="submit" value="Search" class="btn btn-warning"/>

    }
</div>
<table class="table">
    <tr>
        <th>
            @Html.DisplayName("User's Fullname")
        </th>
        <th>
            @Html.DisplayNameFor(model => model.Subject)
        </th>
        <th></th>
    </tr>

    @foreach (var item in Model)
    {
    <tr>
        <td>
            @Html.DisplayFor(modelItem => item.Customer.CustomerName)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Subject)
        </td>
```

**2.9.3. Details Feedback:** Display details of a feedback's user.


| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtUsername | Textbox (Read only) | | Focus | Username | Enable |
| 2 | txtSubject | Textbox (Read only) | | Focus | Feedback's Subject | Enable |
| 3 | txtContent | Textbox (Read only) | | Focus | Feedback's Content | Enable |
| 4 | Back to List | Hyperlink | | Click | Click to return feedback list | Enable |

**Source code**

**Controller:**

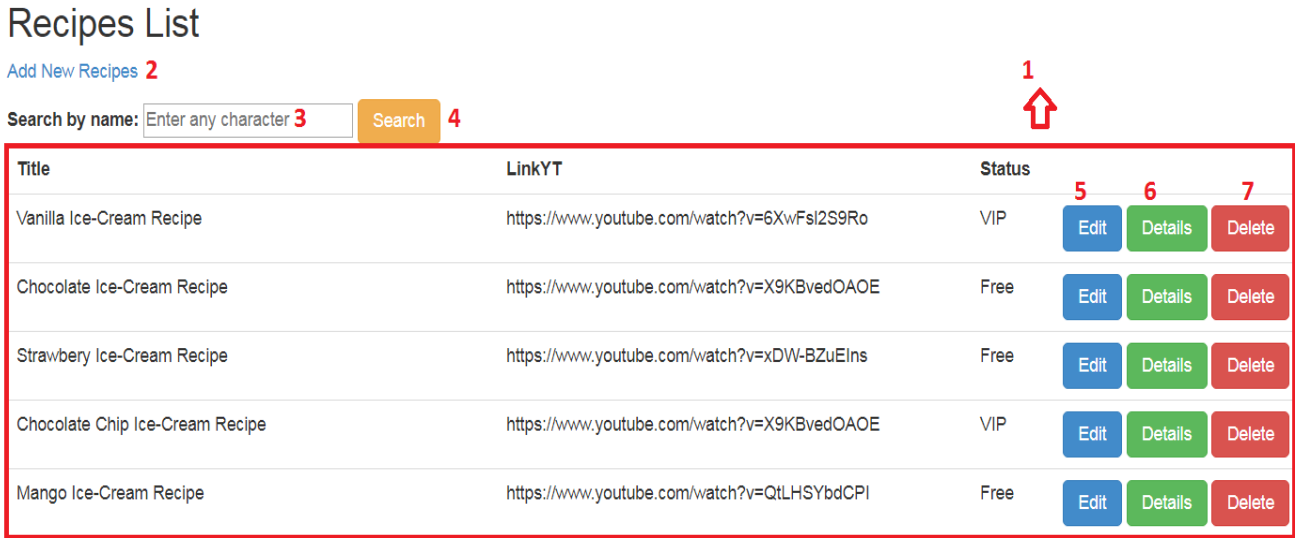
```
    }

    // GET: Admins/FeedbackDelete/5
    public ActionResult FeedbackDelete(int? id)
    {
        if (Session["aname"] == null)
        {
            return RedirectToAction("Login", "Admins");
        }
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        FeedBack feedback = db.FeedBack.Find(id);
        if (feedback == null)
        {
            return HttpNotFound();
        }
        return View(feedback);
    }

    // POST: Admins/FeedbackDelete/5
    [HttpPost, ActionName("FeedbackDelete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int? id)
    {
        FeedBack feedback = db.FeedBack.Find(id);
        db.FeedBack.Remove(feedback);
        db.SaveChanges();
        return RedirectToAction("FeedbackIndex");
    }
```

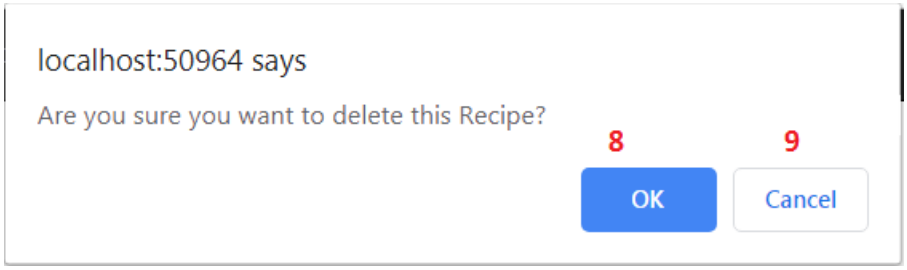
**View:**

```
<h2>Details Feedback</h2>
<div>
    <dl class="dl-horizontal">

        <dt>
            @Html.DisplayName("User's Fullname")
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Customer.CustomerName)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Subject)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Subject)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Content)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Content)
        </dd>
    </dl>

    @using (Html.BeginForm())
    {
        @Html.AntiForgeryToken()
```

### 2.10. Recipes Manage Page: Admin can manage recipe in here

#### 2.10.1. Recipes List: Display list of Recipe, admin can view details,edit or delete a feedback from here






| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | Recipe List | Table | | | List of Recipe | Enable |
| 2 | Add New | Hyperlink | | Click | Click to go to add new recipes page | Enable |
| 3 | txtSearch | Textbox | | Click | Input name of recipe to search | Enable |
| 4 | btnFilter | Button | | Click | Click to search recipe | Enable |
| 5 | Edit | Hyperlink | | Click | Click to go to edit recipe page | Enable |
| 6 | Details | Hyperlink | | Click | Click to go to recipe details page | Enable |
| 7 | Delete | Hyperlink | | Click | Process to delete recipe | Enable |
| 8 | btnOk | Button | | Click | Click to delete recipe | Enable |
| 9 | btnCancel | Button | | Click | Click to return | Enable |

## Source code:

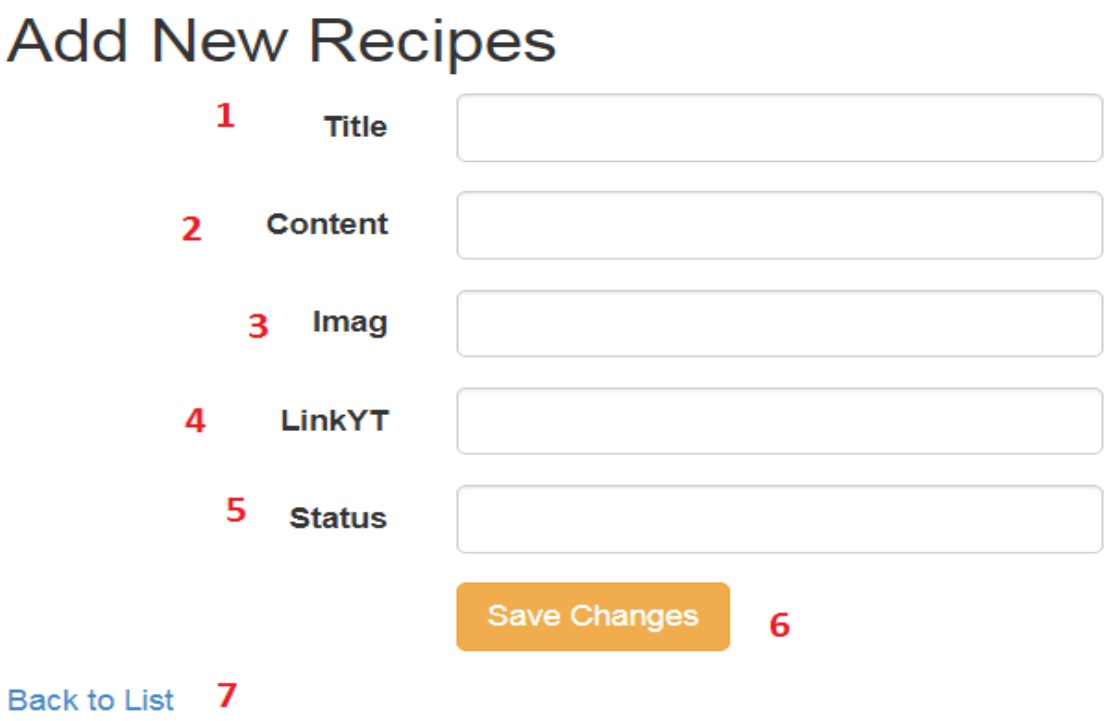
## Controller:

```
public ActionResult ReIndex(string pName)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }

    var model = db.Recipes.ToList();
    if (!string.IsNullOrEmpty(pName))
    {
        model = model.Where(p => p.Title.ToUpper().Contains(pName)
                            || p.Title.ToLower().Contains(pName)).ToList();
        return View(model);
    }
    else
    {
        return View(model);
    }


}
```

## View:

```
<div>
    @using (Html.BeginForm("ReIndex", "Admins", FormMethod.Get))
    {

        <label>Search by name:</label>
        <input type="text" name="pName" placeholder="Enter any character" />
        <input type="submit" value="Search" class="btn btn-warning" />

    }
</div>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.Title)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.LinkYT)
        </th>

        <th>
            @Html.DisplayNameFor(model => model.Status)
        </th>
    </tr>

    @foreach (var item in Model)
    {
    <tr>
        <td>
            @Html.DisplayFor(modelItem => item.Title)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.LinkYT)
        </td>
```

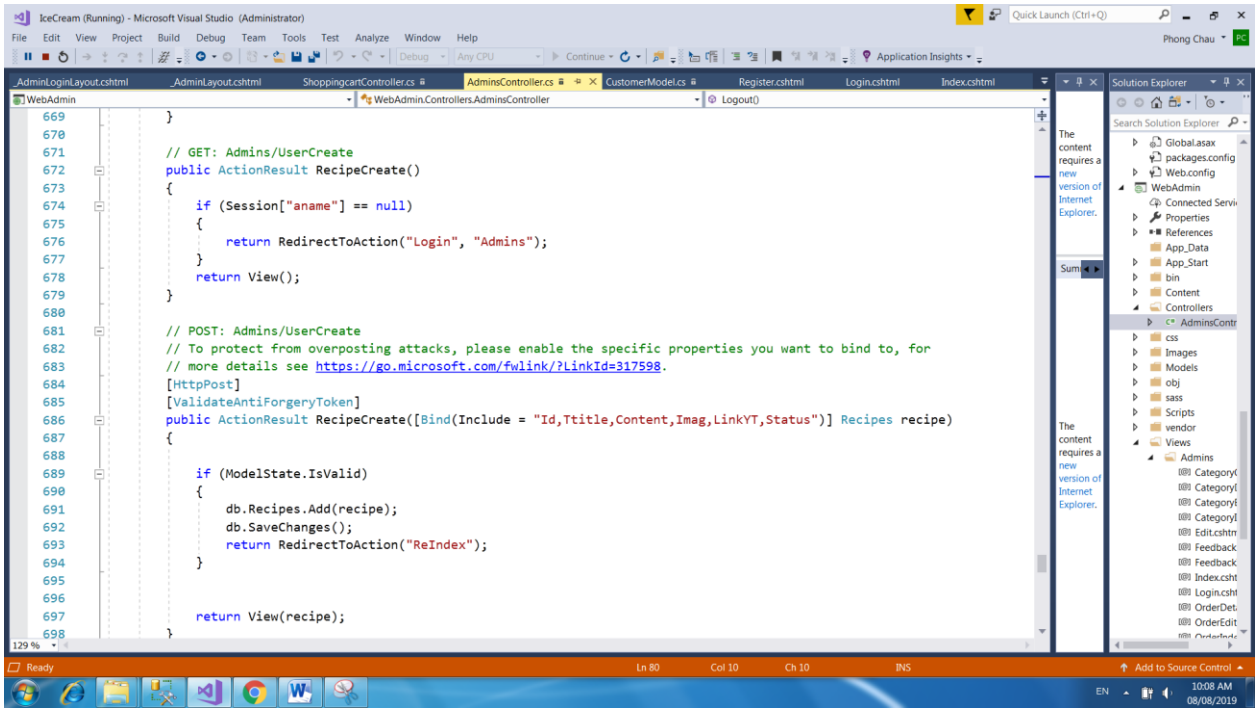
### 2.10.2. **Add new Recipes:** Create Recipes form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtTitle | Textbox | | Focus | Input Title | Enable |
| 2 | txtContent | Textbox | | Focus | Input Content | Enable |
| 3 | Imag | Textbox | | Focus | Choose File Image of recipe | Enable |
| 4 | txtLinkYT | Textbox | | Focus | Input Link | Enable |
| 5 | txtStatus | TextBox | | Focus | Input Status of Recipe | Enable |
| 6 | btnSubmit | Button | | Click | Click to add new recipe | Enable |
| 7 | Back to List | Hyperlink | | Click | Click to return recipe list | Enable |

## Source code

## Controller:

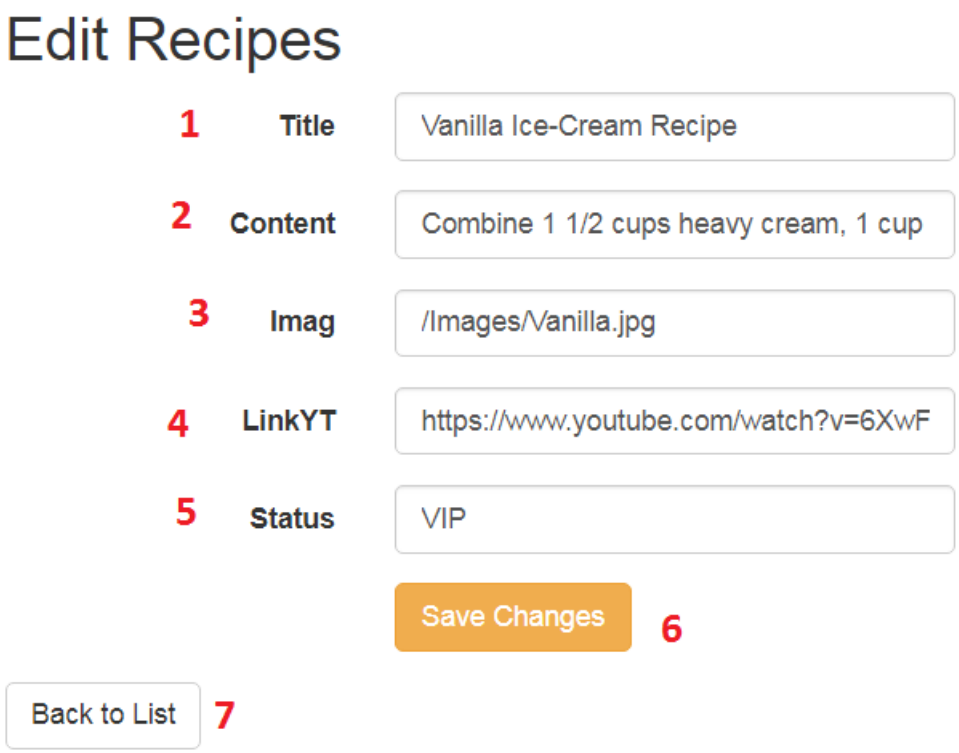


```
669         }
670
671         // GET: Admins/UserCreate
672         public ActionResult RecipeCreate()
673         {
674             if (Session["aname"] == null)
675             {
676                 return RedirectToAction("Login", "Admins");
677             }
678             return View();
679         }
680
681         // POST: Admins/UserCreate
682         // To protect from overposting attacks, please enable the specific properties you want to bind to, for
683         // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
684         [HttpPost]
685         [ValidateAntiForgeryToken]
686         public ActionResult RecipeCreate([Bind(Include = "Id,Ttitle,Content,Imag,LinkYT,Status")] Recipes recipe)
687         {
688
689             if (ModelState.IsValid)
690             {
691                 db.Recipes.Add(recipe);
692                 db.SaveChanges();
693                 return RedirectToAction("ReIndex");
694             }
695
696
697             return View(recipe);
698         }
```

## View:

```
<h2>Add New Recipes</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

    <div class="form-horizontal">
        @Html.ValidationSummary(true, "", new { @class = "text-danger" })


        <div class="form-group">
            @Html.LabelFor(model => model.Title, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Title, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Title, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.Content, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Content, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Content, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.Imag, htmlAttributes: new { @class = "control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.Imag, new { htmlAttributes = new { @class = "form-control" } })
                @Html.ValidationMessageFor(model => model.Imag, "", new { @class = "text-danger" })
            </div>
        </div>

        <div class="form-group">
            @Html.LabelFor(model => model.LinkYT, htmlAttributes: new { @class = "control-label col-md-2" })
```

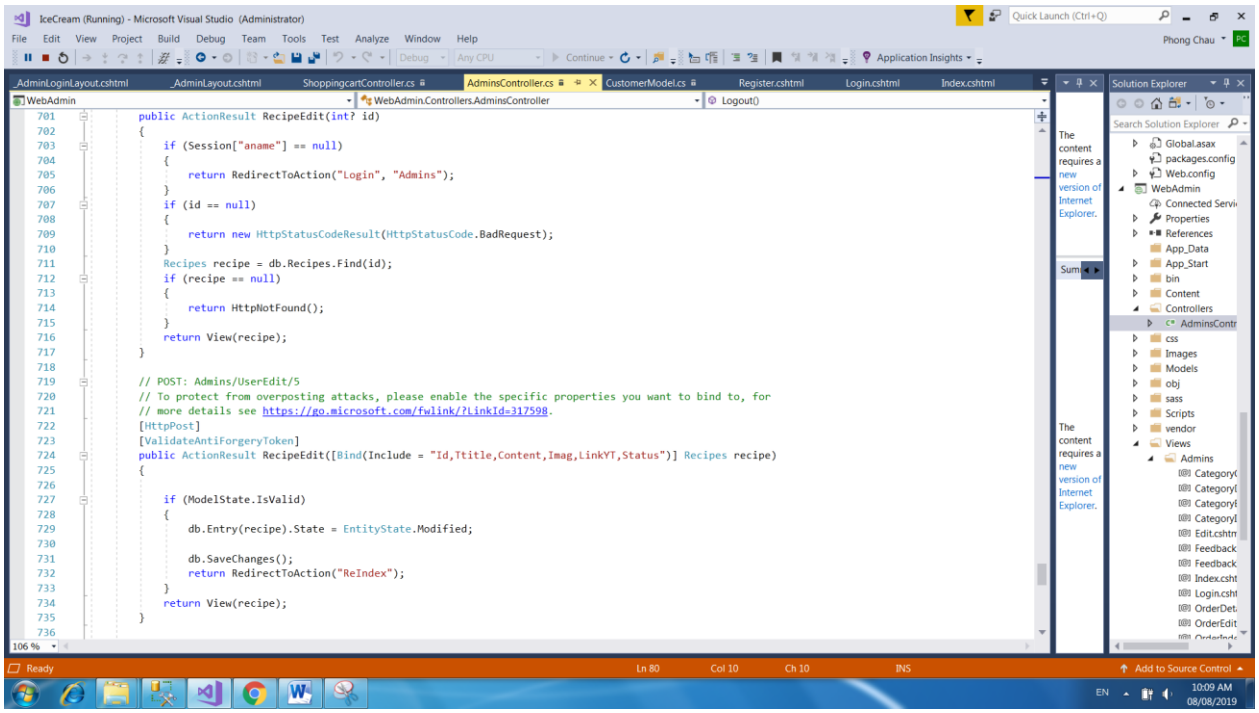
### 2.10.3. **Edit Recipes:** Edit Recipe form for admin




| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtTitle | Textbox (Read Only) | | Focus | Input Title | Enable |
| 2 | txtContent | Textbox (Read Only) | | Focus | Input Content | Enable |
| 3 | Imag | Textbox | | Focus | Input link Image | Enable |
| 4 | txtLinkYT | Textbox (Read Only) | | Focus | Input Link | Enable |
| 5 | txtStatus | Textbox (Read Only) | | Focus | Input Status of Recipe | Enable |
| 8 | btnSubmit | Button | | Click | Click to add new recipe | Enable |
| 9 | Back to List | Hyperlink | | Click | Click to return recipe list | Enable |

## Source code:

## Controller:



```
public ActionResult RecipeEdit(int? id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Recipes recipe = db.Recipes.Find(id);
    if (recipe == null)
    {
        return HttpNotFound();
    }
    return View(recipe);
}

// POST: Admins/UserEdit/5
// To protect from overposting attacks, please enable the specific properties you want to bind to, for
// more details see https://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult RecipeEdit([Bind(Include = "Id,Ttitle,Content,Imag,LinkYT,Status")] Recipes recipe)
{

    if (ModelState.IsValid)
    {
        db.Entry(recipe).State = EntityState.Modified;

        db.SaveChanges();
        return RedirectToAction("ReIndex");
    }
    return View(recipe);
}
```

## View:

```
<h2>Edit Recipes</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

<div class="form-horizontal">
    @Html.ValidationSummary(true, "", new { @class = "text-danger" })


    <div class="form-group">
        @Html.LabelFor(model => model.Title, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Title, new { htmlAttributes = new { @class = "form-control" } })
            @Html.ValidationMessageFor(model => model.Title, "", new { @class = "text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Content, htmlAttributes: new { @class = "control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Content, new { htmlAttributes = new { @class = "form-control" } })
            @Html.ValidationMessageFor(model => model.Content, "", new { @class = "text-danger" })
        </div>
    </div>

    <div class="form-group">
```

**2.10.4. Details of Recipes:** This page display details of a Recipes


| No | Name | Type | Validation | Event | Description | Status |
|---|---|---|---|---|---|---|
| 1 | txtTitle | Textbox (Read Only) | | Focus | Title | Enable |
| 2 | txtContent | Textbox (Read Only) | | Focus | Content | Enable |
| 3 | Imag | Textbox | | Focus | Link Image | Enable |
| 4 | txtLinkYT | Textbox (Read Only) | | Focus | Link | Enable |
| 5 | txtStatus | Textbox (Read Only) | | Focus | Status of Recipe | Enable |
| 6 | Edit | Hyperlink | | Click | Click to return edit recipe | Enable |
| 7 | Back to List | Hyperlink | | Click | Click to return recipe list | Enable |

**Source code:**

## Controller:

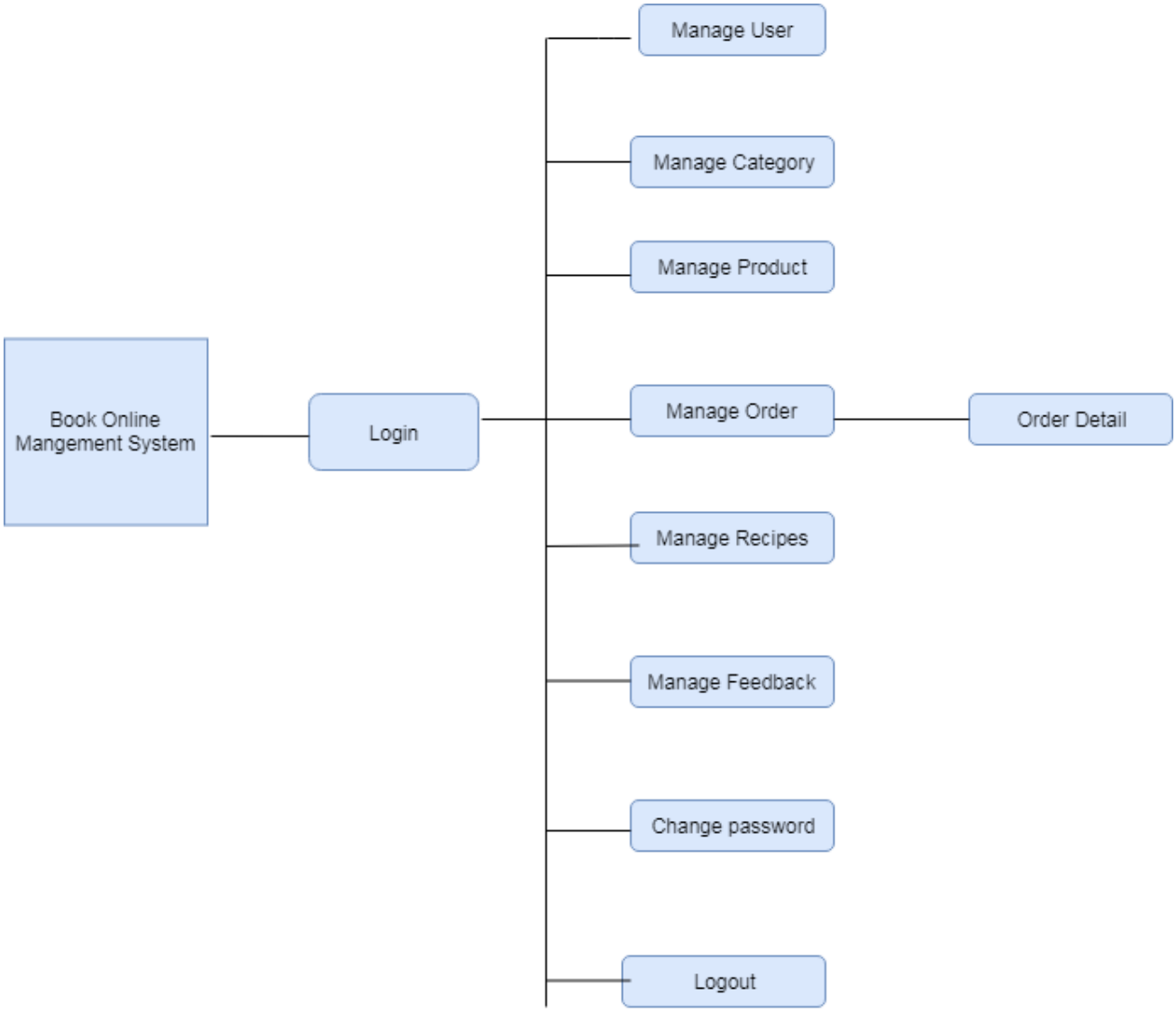
```
public ActionResult RecipeDetails(int? id)
{
    if (Session["aname"] == null)
    {
        return RedirectToAction("Login", "Admins");
    }
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Recipes recipe = db.Recipes.Find(id);
    if (recipe == null)
    {
        return HttpNotFound();
    }
    return View(recipe);
}
```

## View:

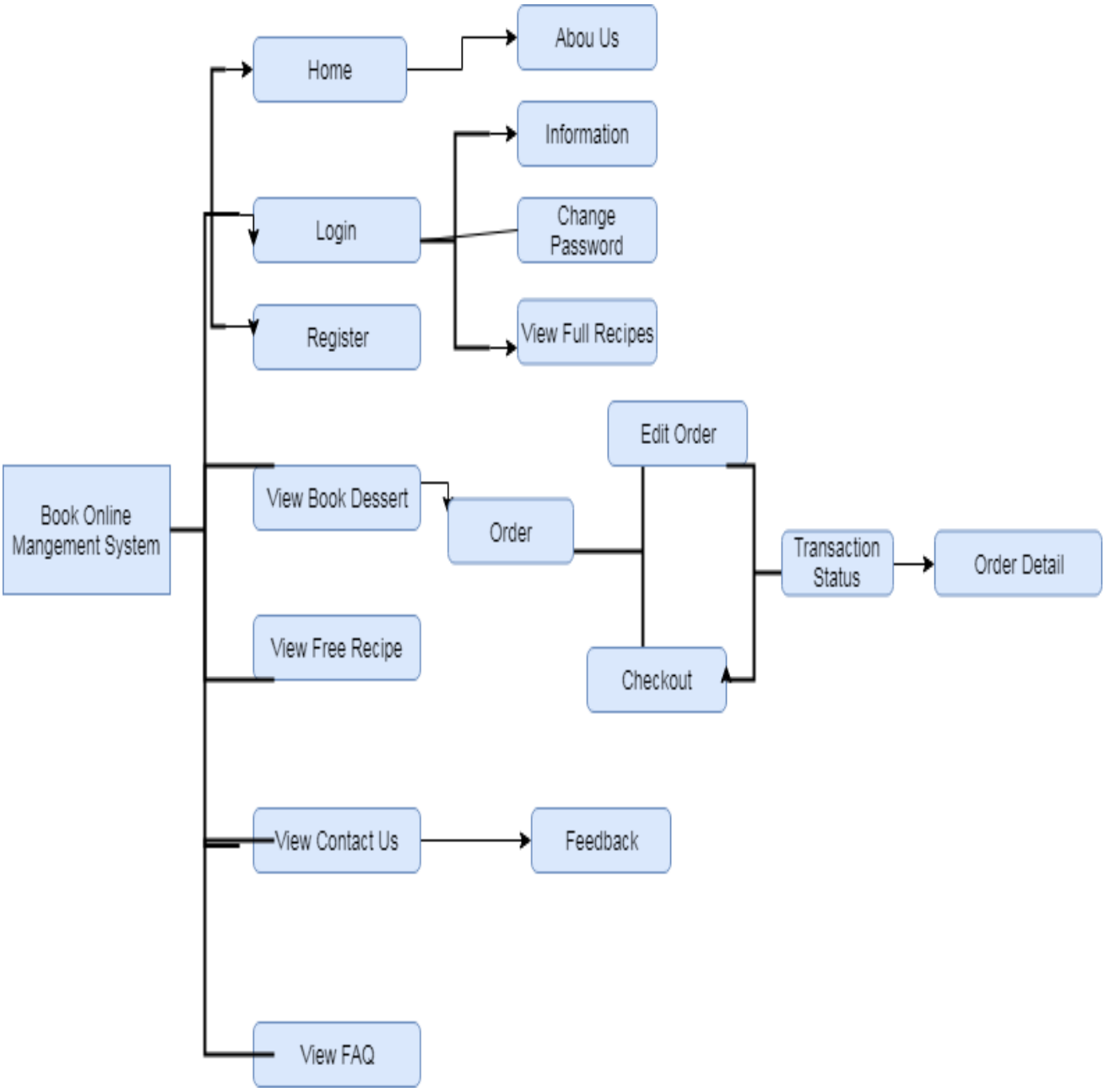
```
<h2>Details of Recipes</h2>

<div>
    <dl class="dl-horizontal">


        <dt>
            @Html.DisplayNameFor(model => model.Title)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Title)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Content)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Content)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Imag)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Imag)
```

# 3. SITE MAP

## 1. Back-End Site Map



## 2. Front-End Site Map



# 1. TEST PLAN/TEST CASE

| Test | What is being tested | How | Test data used | Expected Results |
|---|---|---|---|---|
| 1 | Order of input on data entry screen | Enter data from data capture sheet into the form on the data entry screen | Data set 1 | Data entry order is the same as that on the data capture sheet |
| 2 | Validation of input | Enter typical values, boundary value, values that should be rejected | Data set 2 | Good data accepted, bad data rejected |
| 3 | Accurate calculations | | Data set 3 | Data set 3A |
| 4 | Scaled output | | Data set 4 | Paginated output |

# 2. CHECKLIST OF VALIDATIONS

| Option | Validated |
|---|---|
| Do all numeric variables have a default value of zero? | Yes |
| Does the administrator have all the rights to create and delete the records? | Yes |
| Are all the records properly fed into the appropriate database? | Yes |
| Have all the modules been properly integrated and are completely functional? | Yes |
| Have all the design and coding standards been followed and implemented? | Yes |
| Is the design consistent all over? | Yes |
| Is the navigation sequence correct through all the screens in the application? | Yes |
| Is exception handling mechanism implemented in all the screens? | Yes |
| Are all the program codes working? | Yes |

# 3. SUBMISSION CHECKLIST

| Sr.No. | Particulars | Yes | No | NA | Comments |
|---|---|---|---|---|---|
| 1 | Have all the modules been properly integrated and are they completely functional? | Yes | | | |
| 2 | Does each unit meet its objective and purpose?<br><br>Are all the validations happening as specified in Process Design? | Yes | | | |
| 3 | Have all Design and Coding standards been followed and implemented? | Yes | | | |
| 4 | Is the GUI design consistent all over? | Yes | | | |
| 5 | Are the codes working as per the specification? | Yes | | | . |
| 6 | Does the application's functionality resolve the client problem, and satisfy his/her needs completely? | Yes | | | |
| 7 | Have the hardware and software been correctly chosen? | Yes | | | |
| 8 | Additional features and utilities that give value addition to the entire project. | Yes | | | |

# TASK SHEET REVIEW 3

| **Project Ref. No.:** | | | **Activity** | **Date of Preparation of Activity Plan:** | | | |
|---|---|---|---|---|---|---|---|
| **Airlines Reservation System** | | **Project** | **Plan** | | | | |
| **Sr.No.** | **Task** | **Title:** | **Prepared By:** | **Actual Start Date** | **Actual Days** | **Team Mate Names** | **Status** |
| 1 | Admin Site Map | | | | | Chau Thanh Phong | Completed |
| 2 | Client Site Map | | | 15/07/2019 | 1 | Mai Hoang Minh Tien | Completed |
| | **Client Pages** | | | | | | |
| 3 | Login Page | | | | 1 | Mai Hoang Minh Tien | Completed |
| 4 | Dashboard Page | | | 21/07/2019 | 1 | Bui Van Huong | Completed |
| 5 | Register Page | | | | 1 | Mai Hoang Minh Tien | Completed |
| 6 | Members Page | | | | 1 | Mai Hoang Minh Tien | Completed |
| 7 | Change Password Page | | | | | Mai Hoang Minh Tien | Completed |
| 8 | Product Book Page | Ice Cream Shop Management System | Bui Van Huong | 22/07/2019 | 5 | Chau Thanh Phong | Completed |
| 9 | Detail Book Page | | | | | Chau Thanh Phong | Completed |
| 10 | Shopping Cart Page | | | | 4 | Chau Thanh Phong | Completed |
| 11 | Order Page | | | 26/07/2019 | 4 | Chau Thanh Phong | Completed |
| 12 | Detail Order Page | | | | 2 | Chau Thanh Phong | Completed |
| 13 | Free Recipes Page | | | 27/07/2019 | 1 | Ly Tien Dat | Completed |
| 14 | Full Recipes Page | | | | 1 | Ly Tien Dat | Completed |
| 15 | Detail Recipes Page | | | 28/07/2019 | 2 | Ly Tien Dat | Completed |
| 16 | Feedback Page | | | 28/07/2019 | 1 | Dang Nguyen Dan Linh | Completed |
| 17 | FAQ Page | | | 29/07/2019 | 1 | Dang Nguyen Dan Linh | Completed |

**Admin Pages**

| | | | | | |
|---|---|---|---|---|---|
| 13 | Login Page | | | | Completed |
| 14 | Dashboard Page | 25/07/2019 | 1 | Bui Van huong | Completed |
| 15 | Change Password Page | | | | Completed |
| 16 | User Page | | | | Completed |
| 17 | Category Page | | | | Completed |
| 18 | Product page | | | | Completed |
| 19 | Order page | 29/07/2019 | 2 | Chau Thanh Phong | Completed |
| 20 | Recipes Page | | | | Completed |
| 21 | Feedback page | | | | Completed |

| **Date:** | |
|---|---|
| Signature of Instructor:<br><br>**MS. Le Mong Thuy** | Signature of Team Leader:<br><br>**Bui Van Huong** |