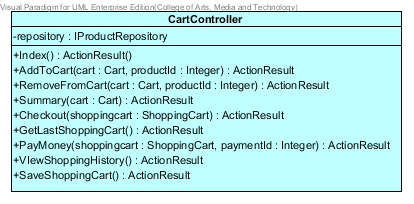
Method Design

**Class name:** CartController

**Package:** Controller



**Attribute Details**

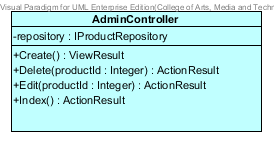
|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Description** | **Type** |
| 1 | repository | Connection with the IProductRepository | IProductRepository |

**Method Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Parameter** | **Description** | **Return** |
| 1 | Index | NONE | The method is to direct to the View which is Index.cshtml | ActionResult |
| 2 | AddToCart | cart, productId | The method is to add the product to ShoppingCart | ActionResult |
| 3 | RemoveFromCart | cart, productId | The method is to delete the product from ShoppingCart | ActionResult |
| 4 | Summary | cart | The method is to show all information of the cart | ActionResult |
| 5 | CheckOut | Shoppingcart | The method is to checkout order which customer finishes a shopping | ActionResult |
| 6 | GetLastShoppingCart | NONE | The method is to retrieve the last shoppingcart which customer does not finish yet. | ActionResult |
| 7 | PayMoney | shopping , paymentId | The method is a payment method. | ActionResult |
| 8 | ViewShoppingHistory | NONE | The method is to see the history of the shopping. | ActionResult |
| 9 | SaveShoppingCart | NONE | The method is to save the shopping to do later. | ActionResult |

**Class name:** AdminController

**Package:** Controller



**Attribute Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Description** | **Type** |
| 1 | repository | Connection with the IProductRepository | IProductRepository |

**Method Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Parameter** | **Description** | **Return** |
| 1 | Create | NONE | The method is to add the product to the system (database). | ActionResult |
| 2 | Delete | productId | The method is to delete the product from the system (database). | ActionResult |
| 3 | Edit | productId | The method is to change the information of the product from the system (database). | ActionResult |
| 4 | Index | NONE | The method is to direct to the View which is Index.cshtml | ActionResult |

**Class name:** AccountController

**Package:** Controller

**Attribute Details**

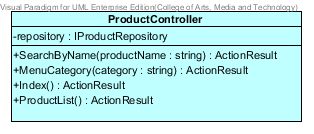
|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Description** | **Type** |
| 1 | repository | Connection with the IProductRepository | IProductRepository |

**Method Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Parameter** | **Description** | **Return** |
| 1 | Create | NONE | The method is to add the product to the system (database). | ActionResult |
| 2 | Delete | productId | The method is to delete the product from the system (database). | ActionResult |
| 3 | Edit | productId | The method is to change the information of the product from the system (database). | ActionResult |
| 4 | Index | NONE | The method is to direct to the View which is Index.cshtml | ActionResult |

**Class name:** ProductController

**Package:** Controller



**Attribute Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Description** | **Type** |
| 1 | repository | Connection with the IProductRepository | IProductRepository |

**Method Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Parameter** | **Description** | **Return** |
| 1 | SearchByName | productName | Method for finding the product which customer interest by searching the product name. | ActionResult |
| 2 | MenuCategory | category | The method is to see the product by selecting the category navigation. | ActionResult |
| 3 | Index | NONE | The method is to direct to the View which is Index.cshtml | ActionResult |
| 4 | ProductList | NONE | Method for showing the list of all products which the system has. | ActionResult |