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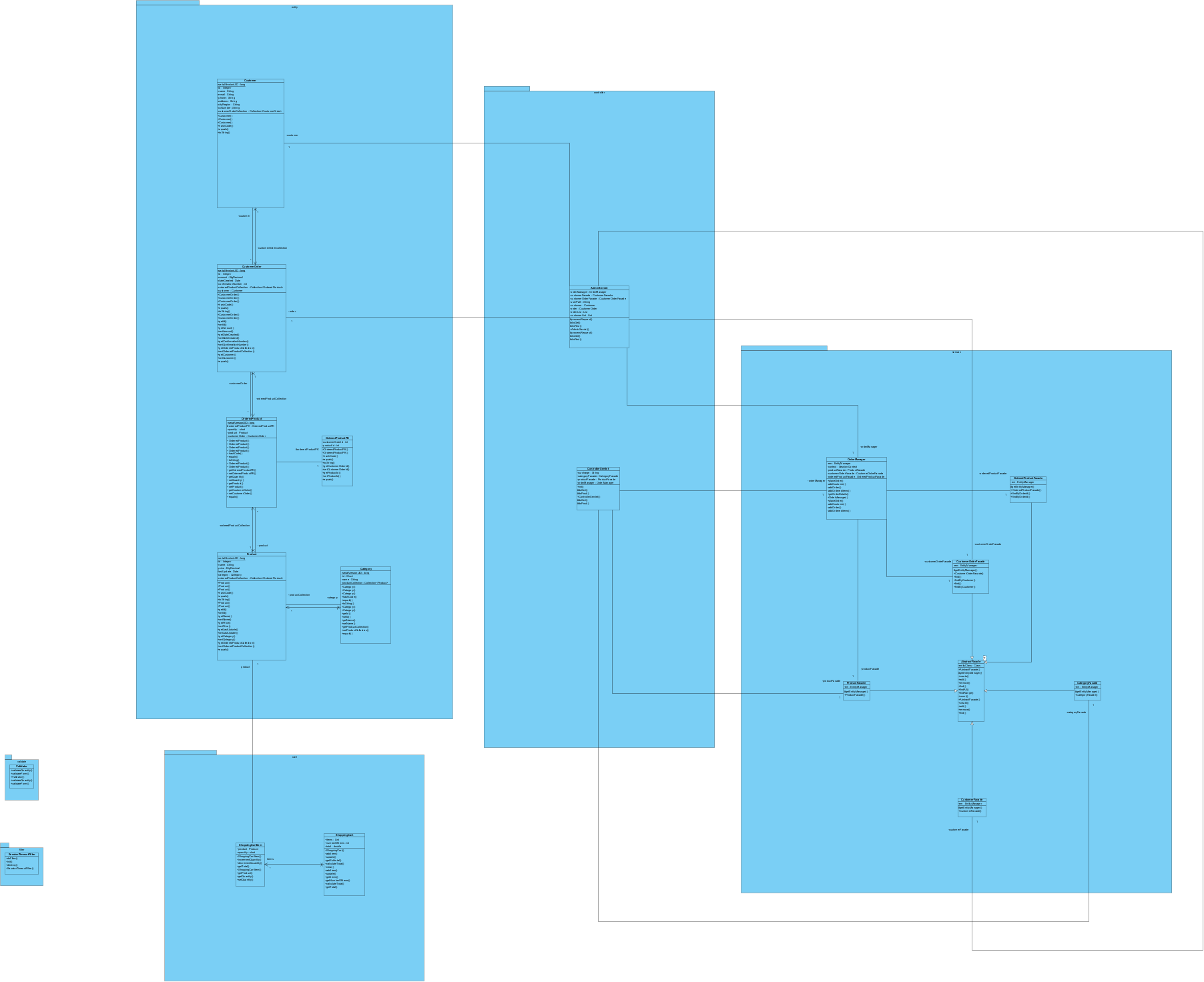
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Class Diagram

# Shop20 class diagram



## Details

### Image1.png entity

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png Customer | @author tgiunipero |
| Image2.png CustomerOrder | @author tgiunipero |
| Image2.png OrderedProduct | @author tgiunipero |
| Image2.png OrderedProductPK | @author tgiunipero |
| Image2.png Product | @author tgiunipero |
| Image2.png Category | @author tgiunipero |

### Image2.png Customer

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Initial Value | 1L | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private email : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private phone : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private address : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private cityRegion : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private ccNumber : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Customer () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Customer (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Customer (id : Integer, name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:27:08 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:27:08 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\src\java\entity\Customer.java | |
| Description | Source |
| Type | File |

### Image1.png controller

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png AdminServlet | @author tgiunipero |
| Image2.png ControllerServlet | @author tgiunipero |

### Image2.png CustomerOrder

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private amount : java.math.BigDecimal | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.math.BigDecimal | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private dateCreated : java.util.Date | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.Date | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private confirmationNumber : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customer : Customer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Customer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public CustomerOrder () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : Integer, amount : java.math.BigDecimal, dateCreated : java.util.Date, confirmationNumber : int) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.util.Date | | Direction | inout |  |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : java.lang.Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : java.lang.Integer, amount : java.math.BigDecimal, dateCreated : java.util.Date, confirmationNumber : int) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout |  |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout |  |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Integer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Integer) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getAmount () : java.math.BigDecimal | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setAmount (amount : java.math.BigDecimal) : void | |
| Parameters | |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getDateCreated () : java.util.Date | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setDateCreated (dateCreated : java.util.Date) : void | |
| Parameters | |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getConfirmationNumber () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setConfirmationNumber (confirmationNumber : int) : void | |
| Parameters | |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductCollection (orderedProductCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomer () : Customer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomer (customer : Customer) : void | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customer) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customer | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:27:08 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\CustomerOrder.class | |
| Description | Source |
| Type | File |

### Image2.png AdminServlet

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private orderManager : OrderManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerFacade : CustomerFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderFacade : CustomerOrderFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrderFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private userPath : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customer : Customer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Customer | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private order : CustomerOrder | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrder | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderList : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerList : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected processRequest (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Processes requests for both HTTP <code>GET</code> and <code>POST</code> methods. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>GET</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>POST</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| public AdminServlet () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected processRequest (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customer) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customer | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (order) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | order | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderManager) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderManager | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\controller\AdminServlet.class | |
| Description | Source |
| Type | File |

### Image1.png session

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png OrderManager | @author tgiunipero |
| Image2.png OrderedProductFacade | @author tgiunipero |
| Image2.png CustomerOrderFacade | @author tgiunipero |
| Image2.png AbstractFacade | @author tgiunipero |
| Image2.png ProductFacade | @author tgiunipero |
| Image2.png CategoryFacade | @author tgiunipero |
| Image2.png CustomerFacade | @author tgiunipero |

### Image2.png OrderedProduct

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| protected orderedProductPK : OrderedProductPK | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderedProductPK | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private quantity : short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private product : Product | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Product | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrder : CustomerOrder | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrder | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public OrderedProduct () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK, quantity : short) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png OrderedProductPK | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (customerOrderId : int, productId : int) | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout |  |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK, quantity : short) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductPK () : OrderedProductPK | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductPK (orderedProductPK : OrderedProductPK) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getQuantity () : short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setQuantity (quantity : short) : void | |
| Parameters | |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProduct () : Product | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProduct (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomerOrder () : CustomerOrder | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomerOrder (customerOrder : CustomerOrder) : void | |
| Parameters | |  |  | | --- | --- | | customerOrder | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrder) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrder | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (product) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | product | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductPK) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProductPK | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductPK | | Multiplicity | 1 | | Visibility | protected | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\OrderedProduct.class | |
| Description | Source |
| Type | File |

### Image2.png OrderedProductPK

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderId : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productId : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public OrderedProductPK () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProductPK (customerOrderId : int, productId : int) | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout |  |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomerOrderId () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomerOrderId (customerOrderId : int) : void | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProductId () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProductId (productId : int) : void | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\OrderedProductPK.class | |
| Description | Source |
| Type | File |

### Image2.png OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private context : javax.ejb.SessionContext | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.ejb.SessionContext | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productFacade : ProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png ProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderFacade : CustomerOrderFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrderFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductFacade : OrderedProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderedProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public placeOrder (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String, cart : ShoppingCart) : int | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addCustomer (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String) : Customer | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrder (customer : Customer, cart : ShoppingCart) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrderedItems (order : CustomerOrder, cart : ShoppingCart) : void | |
| Parameters | |  |  | | --- | --- | | order | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderDetails (orderId : int) : java.util.Map | |
| Parameters | |  |  | | --- | --- | | orderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderManager () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public placeOrder (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String, cart : ShoppingCart) : int | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addCustomer (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String) : Customer | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrder (customer : Customer, cart : ShoppingCart) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrderedItems (order : CustomerOrder, cart : ShoppingCart) : void | |
| Parameters | |  |  | | --- | --- | | order | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\OrderManager.class | |
| Description | Source |
| Type | File |

### Image2.png ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private surcharge : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private categoryFacade : CategoryFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CategoryFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productFacade : ProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png ProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderManager : OrderManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public init (servletConfig : javax.servlet.ServletConfig) : void | |
| Parameters | |  |  | | --- | --- | | servletConfig | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletConfig | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>GET</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>POST</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| public ControllerServlet () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (categoryFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CategoryFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | categoryFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderManager) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderManager | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\controller\ControllerServlet.class | |
| Description | Source |
| Type | File |

### Image2.png OrderedProductFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProductFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByOrderId (id : Object) : java.util.List | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | manually created |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByOrderId (id : java.lang.Object) : java.util.List | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\OrderedProductFacade.class | |
| Description | Source |
| Type | File |

### Image2.png Product

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private price : java.math.BigDecimal | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.math.BigDecimal | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private lastUpdate : java.util.Date | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.Date | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private category : Category | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Category | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Product () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : Integer, name : String, price : java.math.BigDecimal, lastUpdate : java.util.Date) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : java.lang.Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : java.lang.Integer, name : java.lang.String, price : java.math.BigDecimal, lastUpdate : java.util.Date) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Integer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Integer) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getName () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setName (name : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getPrice () : java.math.BigDecimal | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setPrice (price : java.math.BigDecimal) : void | |
| Parameters | |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getLastUpdate () : java.util.Date | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setLastUpdate (lastUpdate : java.util.Date) : void | |
| Parameters | |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCategory () : Category | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCategory (category : Category) : void | |
| Parameters | |  |  | | --- | --- | | category | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Category | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductCollection (orderedProductCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (category) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Category | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | category | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Category | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCartItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\Product.class | |
| Description | Source |
| Type | File |

### Image2.png CustomerOrderFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrderFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | overridden - refresh method called to retrieve order id from database |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByCustomer (customer : Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | in this implementation, there is only one order per customerthe data model however allows for multiple orders per customer |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : java.lang.Object) : java.lang.Object | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByCustomer (customer : java.lang.Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CustomerOrderFacade.class | |
| Description | Source |
| Type | File |

### Image2.png Category

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Category () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : Short) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : Short, name : String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Short | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : java.lang.Short) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : java.lang.Short, name : java.lang.String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Short) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getName () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setName (name : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProductCollection (productCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | productCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\Category.class | |
| Description | Source |
| Type | File |

### Image2.png AbstractFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private entityClass : java.lang.Class | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Class | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public AbstractFacade (entityClass : Class) | |
| Parameters | |  |  | | --- | --- | | entityClass | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Template Type Bind Info | N/A | | Type | Class | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| *protected getEntityManager () : javax.persistence.EntityManager* | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public create (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public edit (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public remove (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : Object) : T | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findAll () : java.util.List | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findRange (range : int) : java.util.List | |
| Parameters | |  |  | | --- | --- | | range | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type Modifier | [] | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public count () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public AbstractFacade (entityClass : java.lang.Class) | |
| Parameters | |  |  | | --- | --- | | entityClass | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Class | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public create (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public edit (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public remove (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : java.lang.Object) : java.lang.Object | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CustomerOrderFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png ProductFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CategoryFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CustomerFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png OrderedProductFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

#### Template Parameters

|  |  |
| --- | --- |
| T | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\AbstractFacade.class | |
| Description | Source |
| Type | File |

### Image2.png ProductFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public ProductFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\ProductFacade.class | |
| Description | Source |
| Type | File |

### Image2.png CategoryFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CategoryFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CategoryFacade.class | |
| Description | Source |
| Type | File |

### Image1.png cart

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:41 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png ShoppingCart |  |
| Image2.png ShoppingCartItem | @author tgiunipero |

### Image1.png validate

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png Validator | @author tgiunipero |

### Image2.png Validator

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Operations

|  |  |
| --- | --- |
| public validateQuantity (productId : String, quantity : String) : boolean | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | ensures that quantity input is number between 0 and 99applies to quantity fields in cart page |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateForm (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String, request : javax.servlet.http.HttpServletRequest) : boolean | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | performs simple validation on checkout form |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Validator () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateQuantity (productId : java.lang.String, quantity : java.lang.String) : boolean | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateForm (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String, request : javax.servlet.http.HttpServletRequest) : boolean | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\validate\Validator.class | |
| Description | Source |
| Type | File |

### Image2.png CustomerFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CustomerFacade.class | |
| Description | Source |
| Type | File |

### Image2.png ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:41 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| package items : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:41 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package numberOfItems : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:42 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package total : double | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:42 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png double | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public ShoppingCart () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public addItem (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Documentation | the <code>Product</code> that defines the type of shopping cart item | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Adds a <code>ShoppingCartItem</code> to the <code>ShoppingCart</code>'s<code>items</code> list. If item of the specified <code>product</code>already exists in shopping cart list, the quantity of that item isincremented.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public update (product : Product, quantity : String) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Documentation | the <code>Product</code> that defines the type of shopping cart item | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Documentation | the number which the <code>ShoppingCartItem</code> is updated to | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Updates the <code>ShoppingCartItem</code> of the specified<code>product</code> to the specified quantity. If '<code>0</code>'is the given quantity, the <code>ShoppingCartItem</code> is removedfrom the <code>ShoppingCart</code>'s <code>items</code> list.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getSubtotal () : double | |
| Static | false |
| Leaf | false |
| Documentation | Returns the sum of the product price multiplied by the quantity for allitems in shopping cart list. This is the total cost excluding the surcharge.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | the cost of all items times their quantities |
| Query | false |

|  |  |
| --- | --- |
| public calculateTotal (surcharge : String) : void | |
| Parameters | |  |  | | --- | --- | | surcharge | | | Multiplicity | Unspecified | | Documentation | the designated surcharge for all orders | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Calculates the total cost of the order. This method adds the subtotal tothe designated surcharge and sets the <code>total</code> instance variablewith the result.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public clear () : void | |
| Static | false |
| Leaf | false |
| Documentation | Empties the shopping cart. All items are removed from the shopping cart<code>items</code> list, <code>numberOfItems</code> and<code>total</code> are reset to '<code>0</code>'.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public addItem (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public update (product : Product, quantity : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getItems () : java.util.List | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getNumberOfItems () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public calculateTotal (surcharge : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | surcharge | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getTotal () : double | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (items) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCartItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | items | | Multiplicity | \* | | Visibility | package | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\cart\ShoppingCart.class | |
| Description | Source |
| Type | File |

### Image1.png filter

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png SessionTimeoutFilter | @author tgiunipero |

### Image2.png ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| package product : Product | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:52 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Product | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package quantity : short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:52 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public ShoppingCartItem (product : Product) | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public incrementQuantity () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public decrementQuantity () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getTotal () : double | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public ShoppingCartItem (product : Product) | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProduct () : Product | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getQuantity () : short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setQuantity (quantity : short) : void | |
| Parameters | |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (product) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | product | | Multiplicity | 1 | | Visibility | package | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCart | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\cart\ShoppingCartItem.class | |
| Description | Source |
| Type | File |

### Image2.png SessionTimeoutFilter

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Operations

|  |  |
| --- | --- |
| public doFilter (request : javax.servlet.ServletRequest, response : javax.servlet.ServletResponse, chain : javax.servlet.FilterChain) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletResponse | | Direction | inout |  |  |  | | --- | --- | | chain | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.FilterChain | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public init (filterConfig : javax.servlet.FilterConfig) : void | |
| Parameters | |  |  | | --- | --- | | filterConfig | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.FilterConfig | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public destroy () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

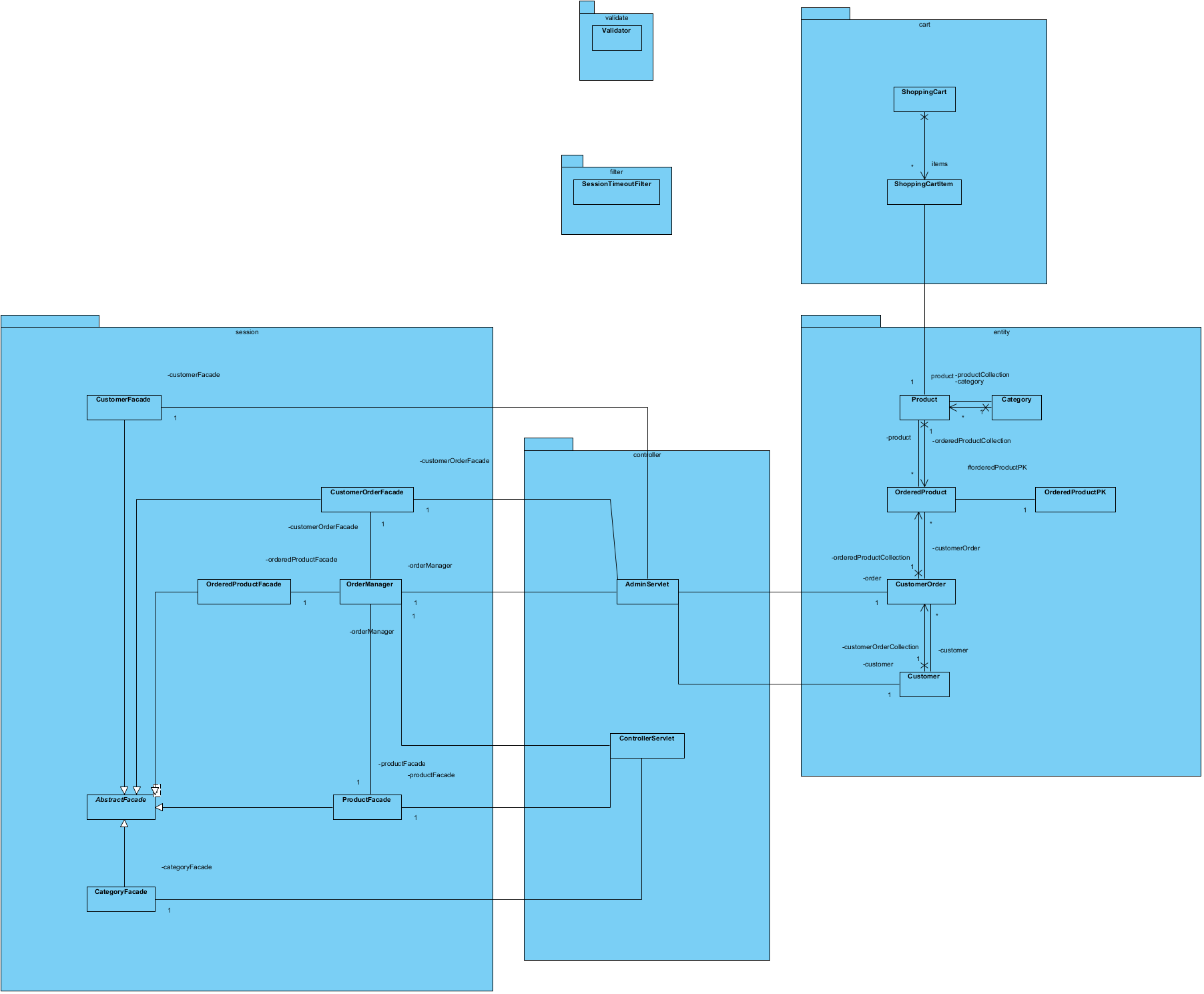
|  |  |
| --- | --- |
| public SessionTimeoutFilter () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\filter\SessionTimeoutFilter.class | |
| Description | Source |
| Type | File |

Class Diagram

# Shop20 no att op



## Details

### Image1.png validate

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png Validator | @author tgiunipero |

### Image1.png cart

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:41 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png ShoppingCart |  |
| Image2.png ShoppingCartItem | @author tgiunipero |

### Image2.png Validator

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Operations

|  |  |
| --- | --- |
| public validateQuantity (productId : String, quantity : String) : boolean | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | ensures that quantity input is number between 0 and 99applies to quantity fields in cart page |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateForm (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String, request : javax.servlet.http.HttpServletRequest) : boolean | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | performs simple validation on checkout form |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Validator () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateQuantity (productId : java.lang.String, quantity : java.lang.String) : boolean | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public validateForm (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String, request : javax.servlet.http.HttpServletRequest) : boolean | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\validate\Validator.class | |
| Description | Source |
| Type | File |

### Image2.png ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:41 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| package items : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:41 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package numberOfItems : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:42 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package total : double | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:42 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png double | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public ShoppingCart () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public addItem (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Documentation | the <code>Product</code> that defines the type of shopping cart item | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Adds a <code>ShoppingCartItem</code> to the <code>ShoppingCart</code>'s<code>items</code> list. If item of the specified <code>product</code>already exists in shopping cart list, the quantity of that item isincremented.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public update (product : Product, quantity : String) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Documentation | the <code>Product</code> that defines the type of shopping cart item | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Documentation | the number which the <code>ShoppingCartItem</code> is updated to | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Updates the <code>ShoppingCartItem</code> of the specified<code>product</code> to the specified quantity. If '<code>0</code>'is the given quantity, the <code>ShoppingCartItem</code> is removedfrom the <code>ShoppingCart</code>'s <code>items</code> list.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getSubtotal () : double | |
| Static | false |
| Leaf | false |
| Documentation | Returns the sum of the product price multiplied by the quantity for allitems in shopping cart list. This is the total cost excluding the surcharge.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | the cost of all items times their quantities |
| Query | false |

|  |  |
| --- | --- |
| public calculateTotal (surcharge : String) : void | |
| Parameters | |  |  | | --- | --- | | surcharge | | | Multiplicity | Unspecified | | Documentation | the designated surcharge for all orders | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:42 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Calculates the total cost of the order. This method adds the subtotal tothe designated surcharge and sets the <code>total</code> instance variablewith the result.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public clear () : void | |
| Static | false |
| Leaf | false |
| Documentation | Empties the shopping cart. All items are removed from the shopping cart<code>items</code> list, <code>numberOfItems</code> and<code>total</code> are reset to '<code>0</code>'.  @see ShoppingCartItem |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public addItem (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public update (product : Product, quantity : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getItems () : java.util.List | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getNumberOfItems () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public calculateTotal (surcharge : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | surcharge | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getTotal () : double | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (items) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCartItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | items | | Multiplicity | \* | | Visibility | package | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\cart\ShoppingCart.class | |
| Description | Source |
| Type | File |

### Image1.png filter

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png SessionTimeoutFilter | @author tgiunipero |

### Image2.png SessionTimeoutFilter

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Operations

|  |  |
| --- | --- |
| public doFilter (request : javax.servlet.ServletRequest, response : javax.servlet.ServletResponse, chain : javax.servlet.FilterChain) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletResponse | | Direction | inout |  |  |  | | --- | --- | | chain | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.FilterChain | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public init (filterConfig : javax.servlet.FilterConfig) : void | |
| Parameters | |  |  | | --- | --- | | filterConfig | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.FilterConfig | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public destroy () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public SessionTimeoutFilter () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\filter\SessionTimeoutFilter.class | |
| Description | Source |
| Type | File |

### Image2.png ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| package product : Product | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:52 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Product | | |
| Getter | true | Setter | false |
| Has Setter | false | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| package quantity : short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 20:55:52 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public ShoppingCartItem (product : Product) | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public incrementQuantity () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public decrementQuantity () : void | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getTotal () : double | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public ShoppingCartItem (product : Product) | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProduct () : Product | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getQuantity () : short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setQuantity (quantity : short) : void | |
| Parameters | |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (product) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | product | | Multiplicity | 1 | | Visibility | package | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCart | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\cart\ShoppingCartItem.class | |
| Description | Source |
| Type | File |

### Image1.png session

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png CustomerFacade | @author tgiunipero |
| Image2.png CustomerOrderFacade | @author tgiunipero |
| Image2.png OrderedProductFacade | @author tgiunipero |
| Image2.png OrderManager | @author tgiunipero |
| Image2.png AbstractFacade | @author tgiunipero |
| Image2.png ProductFacade | @author tgiunipero |
| Image2.png CategoryFacade | @author tgiunipero |

### Image1.png entity

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png Product | @author tgiunipero |
| Image2.png Category | @author tgiunipero |
| Image2.png OrderedProduct | @author tgiunipero |
| Image2.png OrderedProductPK | @author tgiunipero |
| Image2.png CustomerOrder | @author tgiunipero |
| Image2.png Customer | @author tgiunipero |

### Image2.png CustomerFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CustomerFacade.class | |
| Description | Source |
| Type | File |

### Image2.png Product

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private price : java.math.BigDecimal | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.math.BigDecimal | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private lastUpdate : java.util.Date | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.Date | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private category : Category | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Category | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Product () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : Integer, name : String, price : java.math.BigDecimal, lastUpdate : java.util.Date) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : java.lang.Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Product (id : java.lang.Integer, name : java.lang.String, price : java.math.BigDecimal, lastUpdate : java.util.Date) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Integer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Integer) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getName () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setName (name : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getPrice () : java.math.BigDecimal | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setPrice (price : java.math.BigDecimal) : void | |
| Parameters | |  |  | | --- | --- | | price | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getLastUpdate () : java.util.Date | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setLastUpdate (lastUpdate : java.util.Date) : void | |
| Parameters | |  |  | | --- | --- | | lastUpdate | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCategory () : Category | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCategory (category : Category) : void | |
| Parameters | |  |  | | --- | --- | | category | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Category | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductCollection (orderedProductCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (category) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Category | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | category | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Category | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ShoppingCartItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\Product.class | |
| Description | Source |
| Type | File |

### Image2.png Category

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Category () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : Short) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : Short, name : String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Short | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : java.lang.Short) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Category (id : java.lang.Short, name : java.lang.String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Short) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getName () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setName (name : java.lang.String) : void | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProductCollection (productCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | productCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\Category.class | |
| Description | Source |
| Type | File |

### Image1.png controller

|  |  |
| --- | --- |
| Name | Value |
| Abstract | false |
| Leaf | false |
| Root | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 06:57:03 |
| Visibility | public |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image2.png AdminServlet | @author tgiunipero |
| Image2.png ControllerServlet | @author tgiunipero |

### Image2.png CustomerOrderFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrderFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | overridden - refresh method called to retrieve order id from database |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByCustomer (customer : Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | in this implementation, there is only one order per customerthe data model however allows for multiple orders per customer |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : java.lang.Object) : java.lang.Object | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByCustomer (customer : java.lang.Object) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CustomerOrderFacade.class | |
| Description | Source |
| Type | File |

### Image2.png OrderedProduct

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| protected orderedProductPK : OrderedProductPK | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderedProductPK | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private quantity : short | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png short | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private product : Product | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Product | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrder : CustomerOrder | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrder | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public OrderedProduct () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK, quantity : short) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image2.png OrderedProductPK | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (customerOrderId : int, productId : int) | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout |  |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProduct (orderedProductPK : OrderedProductPK, quantity : short) | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout |  |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductPK () : OrderedProductPK | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductPK (orderedProductPK : OrderedProductPK) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductPK | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png OrderedProductPK | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getQuantity () : short | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setQuantity (quantity : short) : void | |
| Parameters | |  |  | | --- | --- | | quantity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png short | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProduct () : Product | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProduct (product : Product) : void | |
| Parameters | |  |  | | --- | --- | | product | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Product | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomerOrder () : CustomerOrder | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomerOrder (customerOrder : CustomerOrder) : void | |
| Parameters | |  |  | | --- | --- | | customerOrder | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrder) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrder | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (product) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | product | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductPK) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProductPK | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductPK | | Multiplicity | 1 | | Visibility | protected | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Product | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\OrderedProduct.class | |
| Description | Source |
| Type | File |

### Image2.png OrderedProductPK

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderId : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productId : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public OrderedProductPK () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProductPK (customerOrderId : int, productId : int) | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout |  |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomerOrderId () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomerOrderId (customerOrderId : int) : void | |
| Parameters | |  |  | | --- | --- | | customerOrderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getProductId () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setProductId (productId : int) : void | |
| Parameters | |  |  | | --- | --- | | productId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\OrderedProductPK.class | |
| Description | Source |
| Type | File |

### Image2.png OrderedProductFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderedProductFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByOrderId (id : Object) : java.util.List | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | manually created |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findByOrderId (id : java.lang.Object) : java.util.List | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\OrderedProductFacade.class | |
| Description | Source |
| Type | File |

### Image2.png OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private context : javax.ejb.SessionContext | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.ejb.SessionContext | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productFacade : ProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png ProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderFacade : CustomerOrderFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrderFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductFacade : OrderedProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderedProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public placeOrder (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String, cart : ShoppingCart) : int | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addCustomer (name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String) : Customer | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrder (customer : Customer, cart : ShoppingCart) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrderedItems (order : CustomerOrder, cart : ShoppingCart) : void | |
| Parameters | |  |  | | --- | --- | | order | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderDetails (orderId : int) : java.util.Map | |
| Parameters | |  |  | | --- | --- | | orderId | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public OrderManager () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public placeOrder (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String, cart : ShoppingCart) : int | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addCustomer (name : java.lang.String, email : java.lang.String, phone : java.lang.String, address : java.lang.String, cityRegion : java.lang.String, ccNumber : java.lang.String) : Customer | |
| Parameters | |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrder (customer : Customer, cart : ShoppingCart) : CustomerOrder | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| private addOrderedItems (order : CustomerOrder, cart : ShoppingCart) : void | |
| Parameters | |  |  | | --- | --- | | order | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png CustomerOrder | | Direction | inout |  |  |  | | --- | --- | | cart | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png ShoppingCart | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\OrderManager.class | |
| Description | Source |
| Type | File |

### Image2.png AdminServlet

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private orderManager : OrderManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerFacade : CustomerFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderFacade : CustomerOrderFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrderFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private userPath : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customer : Customer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Customer | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private order : CustomerOrder | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CustomerOrder | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderList : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerList : java.util.List | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.List | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected processRequest (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Processes requests for both HTTP <code>GET</code> and <code>POST</code> methods. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>GET</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>POST</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| public AdminServlet () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected processRequest (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customer) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customer | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (order) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | order | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderManager) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderManager | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\controller\AdminServlet.class | |
| Description | Source |
| Type | File |

### Image2.png CustomerOrder

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Initial Value | 1 | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : java.lang.Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private amount : java.math.BigDecimal | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.math.BigDecimal | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private dateCreated : java.util.Date | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.util.Date | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private confirmationNumber : int | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image3.png int | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderedProductCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customer : Customer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png Customer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public CustomerOrder () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : Integer, amount : java.math.BigDecimal, dateCreated : java.util.Date, confirmationNumber : int) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | java.util.Date | | Direction | inout |  |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : java.lang.String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : java.lang.Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CustomerOrder (id : java.lang.Integer, amount : java.math.BigDecimal, dateCreated : java.util.Date, confirmationNumber : int) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout |  |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout |  |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout |  |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getId () : java.lang.Integer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setId (id : java.lang.Integer) : void | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getAmount () : java.math.BigDecimal | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setAmount (amount : java.math.BigDecimal) : void | |
| Parameters | |  |  | | --- | --- | | amount | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.math.BigDecimal | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getDateCreated () : java.util.Date | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setDateCreated (dateCreated : java.util.Date) : void | |
| Parameters | |  |  | | --- | --- | | dateCreated | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Date | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getConfirmationNumber () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setConfirmationNumber (confirmationNumber : int) : void | |
| Parameters | |  |  | | --- | --- | | confirmationNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getOrderedProductCollection () : java.util.Collection | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setOrderedProductCollection (orderedProductCollection : java.util.Collection) : void | |
| Parameters | |  |  | | --- | --- | | orderedProductCollection | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.util.Collection | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public getCustomer () : Customer | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public setCustomer (customer : Customer) : void | |
| Parameters | |  |  | | --- | --- | | customer | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Image2.png Customer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : java.lang.Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderedProductCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderedProductCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customer) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customer | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderedProduct | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png Customer | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:27:08 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | false | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\entity\CustomerOrder.class | |
| Description | Source |
| Type | File |

### Image2.png Customer

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private serialVersionUID : long | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Initial Value | 1L | | |
| Type | Image3.png long | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private id : Integer | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Integer | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private name : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private email : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private phone : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private address : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private cityRegion : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private ccNumber : String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Type | Image3.png String | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private customerOrderCollection : java.util.Collection | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:27:08 | | |
| Template Type Bind Info | N/A | | |
| Type | java.util.Collection | | |
| Getter | true | Setter | true |
| Has Setter | true | | |
| Has Getter | true | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public Customer () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Customer (id : Integer) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public Customer (id : Integer, name : String, email : String, phone : String, address : String, cityRegion : String, ccNumber : String) | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Integer | | Direction | inout |  |  |  | | --- | --- | | name | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | email | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | phone | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | address | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | cityRegion | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout |  |  |  | | --- | --- | | ccNumber | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 03-Sep-2015 21:26:46 | | Type | Image3.png String | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public hashCode () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public equals (object : Object) : boolean | |
| Parameters | |  |  | | --- | --- | | object | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:27:08 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public toString () : String | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (customerOrderCollection) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:27:08 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | customerOrderCollection | | Multiplicity | \* | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png AdminServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CustomerOrder | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\src\java\entity\Customer.java | |
| Description | Source |
| Type | File |

### Image2.png ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private surcharge : java.lang.String | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.String | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private categoryFacade : CategoryFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png CategoryFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private productFacade : ProductFacade | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png ProductFacade | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

|  |  |  |  |
| --- | --- | --- | --- |
| private orderManager : OrderManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | Image2.png OrderManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public init (servletConfig : javax.servlet.ServletConfig) : void | |
| Parameters | |  |  | | --- | --- | | servletConfig | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.ServletConfig | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>GET</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : HttpServletRequest, response : HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Documentation | servlet request | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Documentation | servlet response | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Documentation | Handles the HTTP <code>POST</code> method. |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Return Type Documentation | @throws IOException if an I/O error occurs |
| Query | false |

|  |  |
| --- | --- |
| public ControllerServlet () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doGet (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| protected doPost (request : javax.servlet.http.HttpServletRequest, response : javax.servlet.http.HttpServletResponse) : void | |
| Parameters | |  |  | | --- | --- | | request | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletRequest | | Direction | inout |  |  |  | | --- | --- | | response | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:51 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | javax.servlet.http.HttpServletResponse | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:51 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Association | |
| To (categoryFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png CategoryFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | categoryFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (productFacade) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ProductFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | productFacade | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| To (orderManager) | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Referenced Attribute | orderManager | | Multiplicity | 1 | | Visibility | private | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\controller\ControllerServlet.class | |
| Description | Source |
| Type | File |

### Image2.png AbstractFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private entityClass : java.lang.Class | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | java.lang.Class | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| public AbstractFacade (entityClass : Class) | |
| Parameters | |  |  | | --- | --- | | entityClass | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Template Type Bind Info | N/A | | Type | Class | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| *protected getEntityManager () : javax.persistence.EntityManager* | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public create (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public edit (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public remove (entity : T) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | T | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : Object) : T | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findAll () : java.util.List | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public findRange (range : int) : java.util.List | |
| Parameters | |  |  | | --- | --- | | range | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:20:59 | | Last Modified | 04-Sep-2015 07:17:07 | | Type Modifier | [] | | Type | Image3.png int | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Template Type Bind Info | N/A |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public count () : int | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public AbstractFacade (entityClass : java.lang.Class) | |
| Parameters | |  |  | | --- | --- | | entityClass | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Class | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public create (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public edit (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public remove (entity : java.lang.Object) : void | |
| Parameters | |  |  | | --- | --- | | entity | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public find (id : java.lang.Object) : java.lang.Object | |
| Parameters | |  |  | | --- | --- | | id | | | Multiplicity | Unspecified | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:08:52 | | Last Modified | 04-Sep-2015 07:17:07 | | Type | java.lang.Object | | Direction | inout | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:08:52 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CustomerOrderFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png ProductFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CategoryFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png CustomerFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Generalization | |
| To | Image2.png OrderedProductFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

#### Template Parameters

|  |  |
| --- | --- |
| T | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\AbstractFacade.class | |
| Description | Source |
| Type | File |

### Image2.png ProductFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public ProductFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png OrderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\ProductFacade.class | |
| Description | Source |
| Type | File |

### Image2.png CategoryFacade

|  |  |
| --- | --- |
| Name | Value |
| Active | false |
| Java Detail | N/A |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Documentation | @author tgiunipero |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |

#### Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| private em : javax.persistence.EntityManager | | | |
| Author | Zaic | | |
| Create Date Time | 03-Sep-2015 21:20:59 | | |
| Last Modified | 04-Sep-2015 07:17:07 | | |
| Type | javax.persistence.EntityManager | | |
| Getter | false | Setter | false |
| Has Setter | false | | |
| Has Getter | false | | |
| Derived | false | | |
| Multiplicity | Unspecified | | |
| Java Detail | N/A | | |
| Aggregation | None | | |

#### Operations

|  |  |
| --- | --- |
| protected getEntityManager () : javax.persistence.EntityManager | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

|  |  |
| --- | --- |
| public CategoryFacade () | |
| Static | false |
| Leaf | false |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:20:59 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Ordered | false |
| Unique | true |
| Query | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Generalization | |
| From | Image2.png AbstractFacade |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Substitutable | false |
| Template Type Bind Info | N/A |
| Visibility | Unspecified |

|  |  |
| --- | --- |
| Unnamed Association | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image2.png ControllerServlet | | Author | Zaic | | Create Date Time | 03-Sep-2015 21:21:00 | | Last Modified | 04-Sep-2015 07:17:07 | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | true | | Derived | false | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 21:21:00 |
| Last Modified | 04-Sep-2015 07:17:07 |
| Derived | false |

#### References

|  |  |
| --- | --- |
| C:\Users\Zaic\Dropbox\OU\3 level\TM470\EMA\Shop20\build\web\WEB-INF\classes\session\CategoryFacade.class | |
| Description | Source |
| Type | File |

Sequence Diagram

# cart.ShoppingCart.ShoppingCart()

Image5.png

## Details

Sequence Diagram

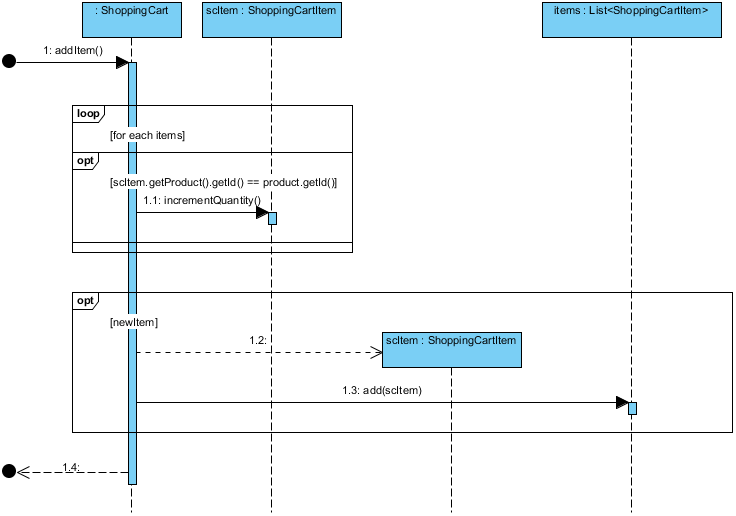
# cart.ShoppingCart.ShoppingCart()

Image6.png

## Details

Sequence Diagram

# cart.ShoppingCart.addItem(Product)



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:42 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| add(scItem) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png items | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Create Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:54 | | Last Modified | 03-Sep-2015 20:56:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:54 |
| Last Modified | 03-Sep-2015 20:56:45 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:54 | | Last Modified | 03-Sep-2015 20:56:45 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | | Operation | incrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:50 | | Last Modified | 03-Sep-2015 20:56:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:50 |
| Last Modified | 03-Sep-2015 20:56:45 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:50 | | Last Modified | 03-Sep-2015 20:56:45 | | Operation | addItem | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | | Operation | incrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Create Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

### Image8.png items : List<ShoppingCartItem>

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Multiplicity | Unspecified |
| Base Classifier | List<ShoppingCartItem> |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| add(scItem) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image9.png CombinedFragment

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Operator Kind | loop |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:52 | | Last Modified | 03-Sep-2015 21:06:45 | | Constraint | for each items | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment2 |  |

### Image9.png CombinedFragment2

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 03-Sep-2015 20:56:45 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:52 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:52 | | Last Modified | 03-Sep-2015 21:06:45 | | Constraint | scItem.getProduct().getId() == product.getId() | |

### Image9.png CombinedFragment2

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

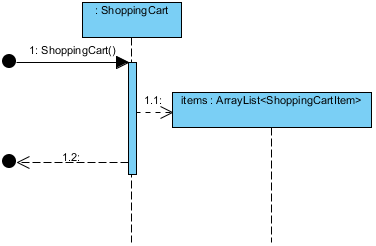
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png items |  |
| Image8.png scItem |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 20:55:53 |
| Last Modified | 03-Sep-2015 21:06:45 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 20:55:53 | | Last Modified | 03-Sep-2015 21:06:45 | | Constraint | newItem | |

Sequence Diagram

# cart.ShoppingCart.ShoppingCart()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png items | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Type | Create Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | | Operation | ShoppingCart | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png items : ArrayList<ShoppingCartItem>

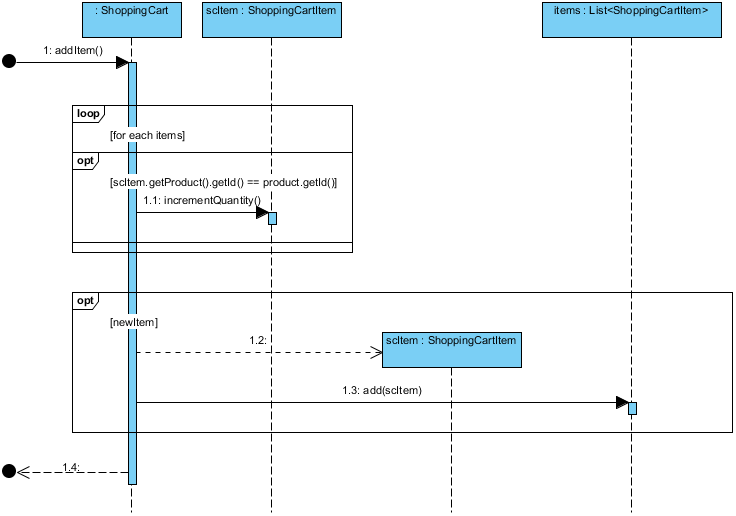
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Multiplicity | Unspecified |
| Base Classifier | ArrayList<ShoppingCartItem> |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:03:11 | | Last Modified | 03-Sep-2015 23:06:53 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:03:11 |
| Last Modified | 03-Sep-2015 23:06:53 |
| Type | Create Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCart.addItem(Product)



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | incrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| add(scItem) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png items | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Create Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | addItem | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | incrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Create Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

### Image8.png items : List<ShoppingCartItem>

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | List<ShoppingCartItem> |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| add(scItem) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:59 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:59 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image9.png CombinedFragment3

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | loop |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | for each items | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment4 |  |

### Image9.png CombinedFragment4

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | scItem.getProduct().getId() == product.getId() | |

### Image9.png CombinedFragment4

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

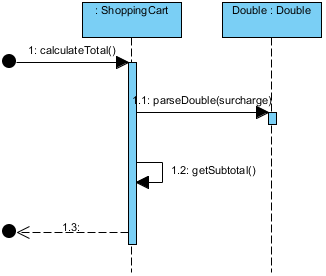
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png items |  |
| Image8.png scItem |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:07:58 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:07:58 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | newItem | |

Sequence Diagram

# cart.ShoppingCart.calculateTotal(String)



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Self Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | getSubtotal | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:28 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:28 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.3 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:28 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| parseDouble(surcharge) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png Double | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | calculateTotal | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png Double : Double

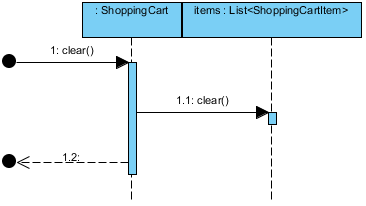
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Double |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| parseDouble(surcharge) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:08:27 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:08:27 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCart.clear()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| clear() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png items | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | clear | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png items : List<ShoppingCartItem>

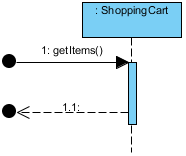
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | List<ShoppingCartItem> |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| clear() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:07 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:07 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCart.getItems()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:37 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

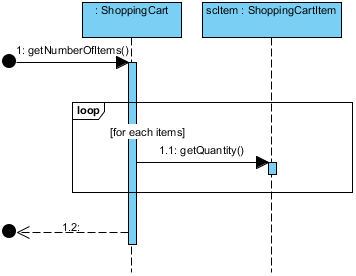
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:37 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:37 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:37 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:37 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:09:37 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:09:37 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | items | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCart.getNumberOfItems()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | quantity | | Operation Type | Attribute Getter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | numberOfItems | | Operation Type | Attribute Getter | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | quantity | | Operation Type | Attribute Getter | |
| Asynchronous | false |

### Image9.png CombinedFragment5

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | loop |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

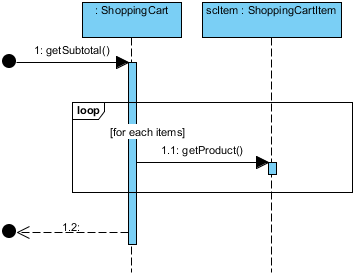
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:11:25 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:11:25 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | for each items | |

Sequence Diagram

# cart.ShoppingCart.getSubtotal()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | product | | Operation Type | Attribute Getter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:14 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:14 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | getSubtotal | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | product | | Operation Type | Attribute Getter | |
| Asynchronous | false |

### Image9.png CombinedFragment6

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | loop |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

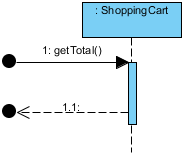
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:14 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | for each items | |

Sequence Diagram

# cart.ShoppingCart.getTotal()



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:44 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

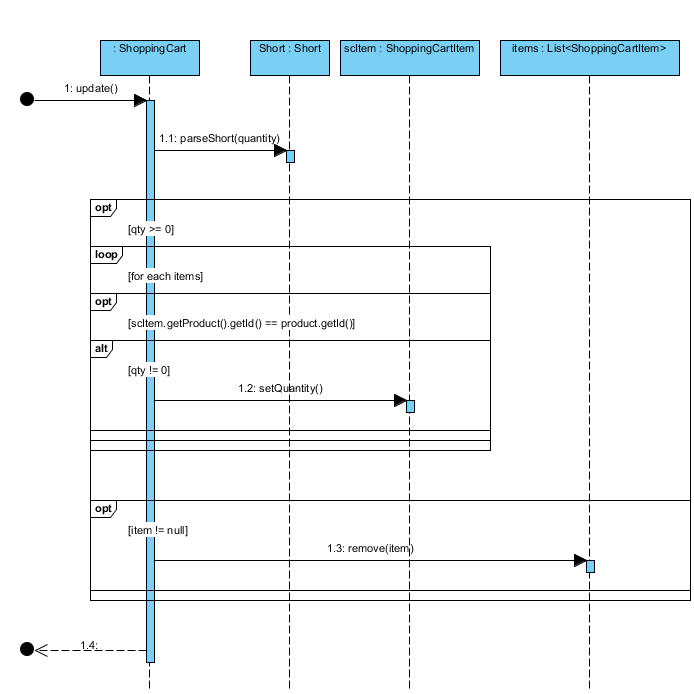
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:44 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:44 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:44 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:44 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:13:44 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:13:44 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | total | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCart.update(Product, String)



## Details

### Image8.png  : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| remove(item) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png items | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png scItem | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Arguments | |  | | --- | | Value | | qty (Text) | | | Operation | quantity | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| parseShort(quantity) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png Short | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:14 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:14 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | update | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png Short : Short

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Short |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| parseShort(quantity) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

### Image8.png scItem : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Arguments | |  | | --- | | Value | | qty (Text) | | | Operation | quantity | | Operation Type | Attribute Setter | |
| Asynchronous | false |

### Image8.png items : List<ShoppingCartItem>

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | List<ShoppingCartItem> |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| remove(item) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image9.png CombinedFragment7

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png Short |  |
| Image8.png scItem |  |
| Image8.png items |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | qty >= 0 | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment8 |  |
| Image9.png CombinedFragment8 |  |

### Image9.png CombinedFragment8

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | loop |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png Short |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | for each items | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment9 |  |

### Image9.png CombinedFragment9

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png Short |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | scItem.getProduct().getId() == product.getId() | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment10 |  |

### Image9.png CombinedFragment10

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png scItem |  |
| Image8.png Short |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | qty != 0 | |

### Image9.png CombinedFragment8

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

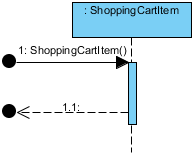
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png items |  |
| Image8.png Short |  |
| Image8.png scItem |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:14:15 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:14:15 | | Last Modified | 03-Sep-2015 23:16:54 | | Constraint | item != null | |

Sequence Diagram

# cart.ShoppingCartItem.ShoppingCartItem(Product)



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

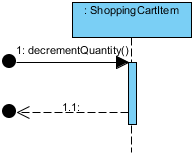
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:14 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:14 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:14 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:14 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:14 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | ShoppingCartItem | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.decrementQuantity()



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:36 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

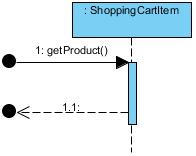
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:36 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:36 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:36 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:36 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:15:36 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:15:36 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | decrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.getProduct()



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:02 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

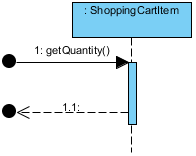
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:02 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:02 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:02 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:02 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:02 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:02 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | product | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.getQuantity()



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:32 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

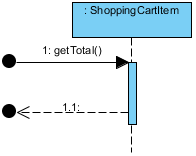
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:33 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:33 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:33 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:32 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:32 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:32 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | quantity | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.getTotal()



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:52 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

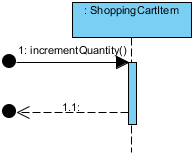
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:52 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:52 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:52 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:52 | | Last Modified | 03-Sep-2015 23:16:54 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:16:52 |
| Last Modified | 03-Sep-2015 23:16:54 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:16:52 | | Last Modified | 03-Sep-2015 23:16:54 | | Operation | getTotal | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.incrementQuantity()



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:29 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

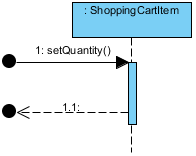
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:29 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:29 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:29 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:29 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:29 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:29 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | incrementQuantity | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# cart.ShoppingCartItem.setQuantity(short)



## Details

### Image8.png  : ShoppingCartItem

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:54 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCartItem |
| Active | false |
| Stopped | false |
| Multi Object | false |

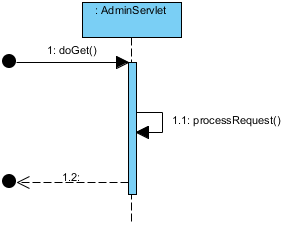
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:54 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:54 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:54 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:54 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:17:54 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:17:54 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | quantity | | Operation Type | Attribute Setter | |
| Asynchronous | false |

Sequence Diagram

# controller.AdminServlet.doGet(HttpServletRequest, HttpServletResponse)



## Details

### Image8.png  : AdminServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:33 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png AdminServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

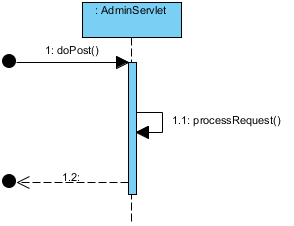
|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:34 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:34 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:34 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:34 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:34 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:34 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | request (Text) | | response (Text) | | | Operation | processRequest | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:33 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:33 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:33 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | doGet | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# controller.AdminServlet.doPost(HttpServletRequest, HttpServletResponse)



## Details

### Image8.png  : AdminServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:57 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png AdminServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

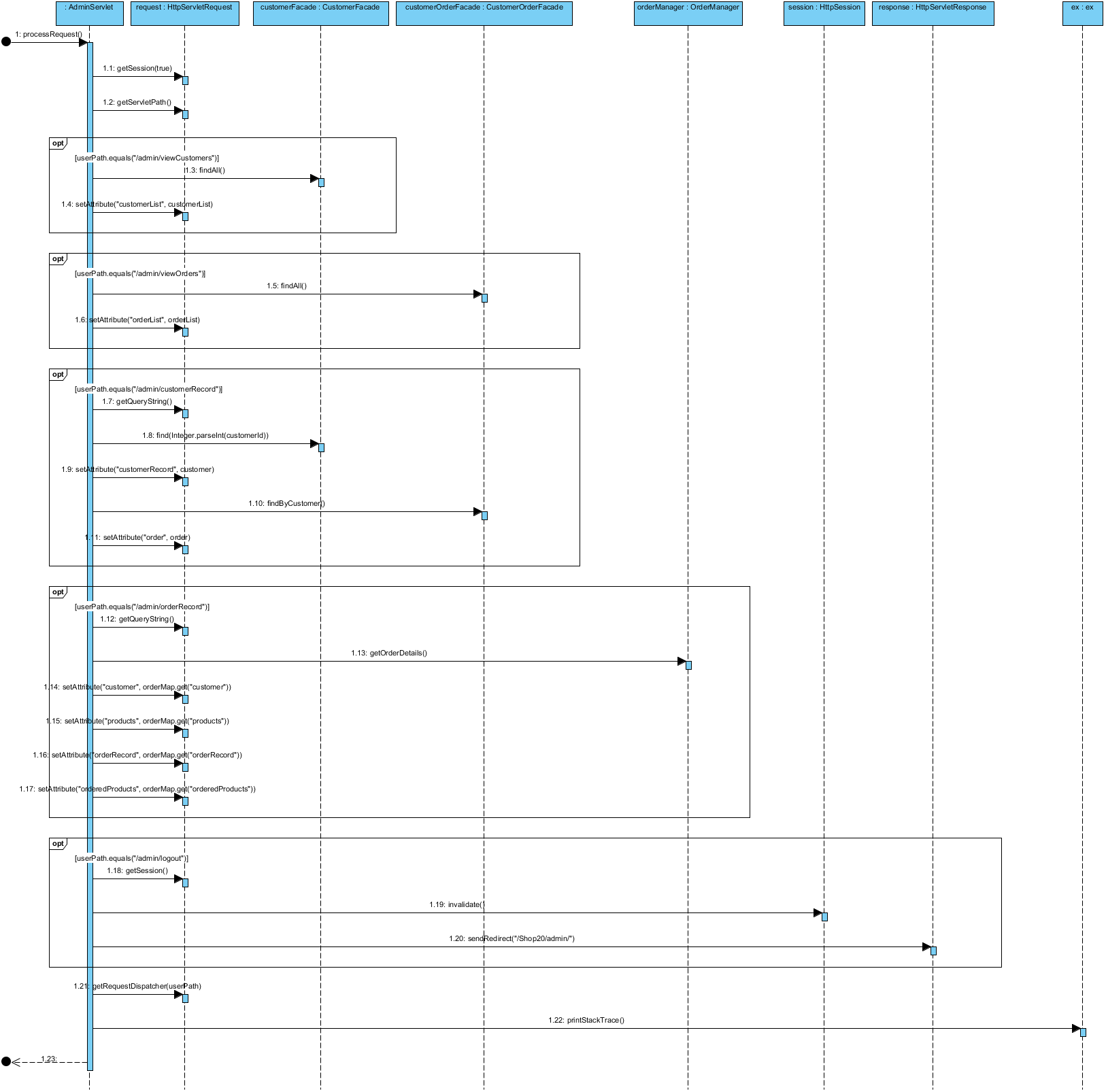
|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:57 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | request (Text) | | response (Text) | | | Operation | processRequest | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:57 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:19:57 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:19:57 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | doPost | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# controller.AdminServlet.processRequest(HttpServletRequest, HttpServletResponse)



## Details

### Image8.png  : AdminServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png AdminServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getSession() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

|  |  |
| --- | --- |
| sendRedirect("/Shop20/admin/") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png response | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

|  |  |
| --- | --- |
| findAll() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customerFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderedProducts", orderMap.get("orderedProducts")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletPath() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:06 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:06 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.23 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:06 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession(true) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("products", orderMap.get("products")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.15 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customerList", customerList) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customerRecord", customer) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

|  |  |
| --- | --- |
| findAll() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customerOrderFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | customer (Text) | | | Operation | findByCustomer | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher(userPath) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:05 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:05 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.21 |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png ex | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:05 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:05 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.22 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("order", order) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.12 |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Integer.parseInt(customerId)) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customerFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png orderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.13 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | Integer.parseInt(orderId) (Text) | | | Operation | getOrderDetails | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customer", orderMap.get("customer")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderList", orderList) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderRecord", orderMap.get("orderRecord")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| invalidate() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | processRequest | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png request : HttpServletRequest

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletRequest |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("order", order) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletPath() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession(true) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("products", orderMap.get("products")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.15 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderRecord", orderMap.get("orderRecord")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderList", orderList) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderedProducts", orderMap.get("orderedProducts")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:03 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:03 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher(userPath) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:05 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:05 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.21 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customerRecord", customer) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.12 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customerList", customerList) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customer", orderMap.get("customer")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

### Image8.png customerFacade : CustomerFacade

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png CustomerFacade |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| findAll() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Integer.parseInt(customerId)) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

### Image8.png customerOrderFacade : CustomerOrderFacade

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png CustomerOrderFacade |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:01 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:01 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | customer (Text) | | | Operation | findByCustomer | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| findAll() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

### Image8.png orderManager : OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png OrderManager |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.13 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | Integer.parseInt(orderId) (Text) | | | Operation | getOrderDetails | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png session : HttpSession

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | HttpSession |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| invalidate() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

### Image8.png response : HttpServletResponse

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletResponse |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| sendRedirect("/Shop20/admin/") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

### Image8.png ex : ex

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:05 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | ex |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:05 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:05 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.22 |
| Asynchronous | false |

### Image9.png CombinedFragment8

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png customerFacade |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:20:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:20:59 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/admin/viewCustomers") | |

### Image9.png CombinedFragment9

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png customerOrderFacade |  |
| Image8.png request |  |
| Image8.png customerFacade |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/admin/viewOrders") | |

### Image9.png CombinedFragment10

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png customerFacade |  |
| Image8.png customerOrderFacade |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:00 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:00 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/admin/customerRecord") | |

### Image9.png CombinedFragment11

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png orderManager |  |
| Image8.png customerFacade |  |
| Image8.png customerOrderFacade |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:02 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:02 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/admin/orderRecord") | |

### Image9.png CombinedFragment12

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

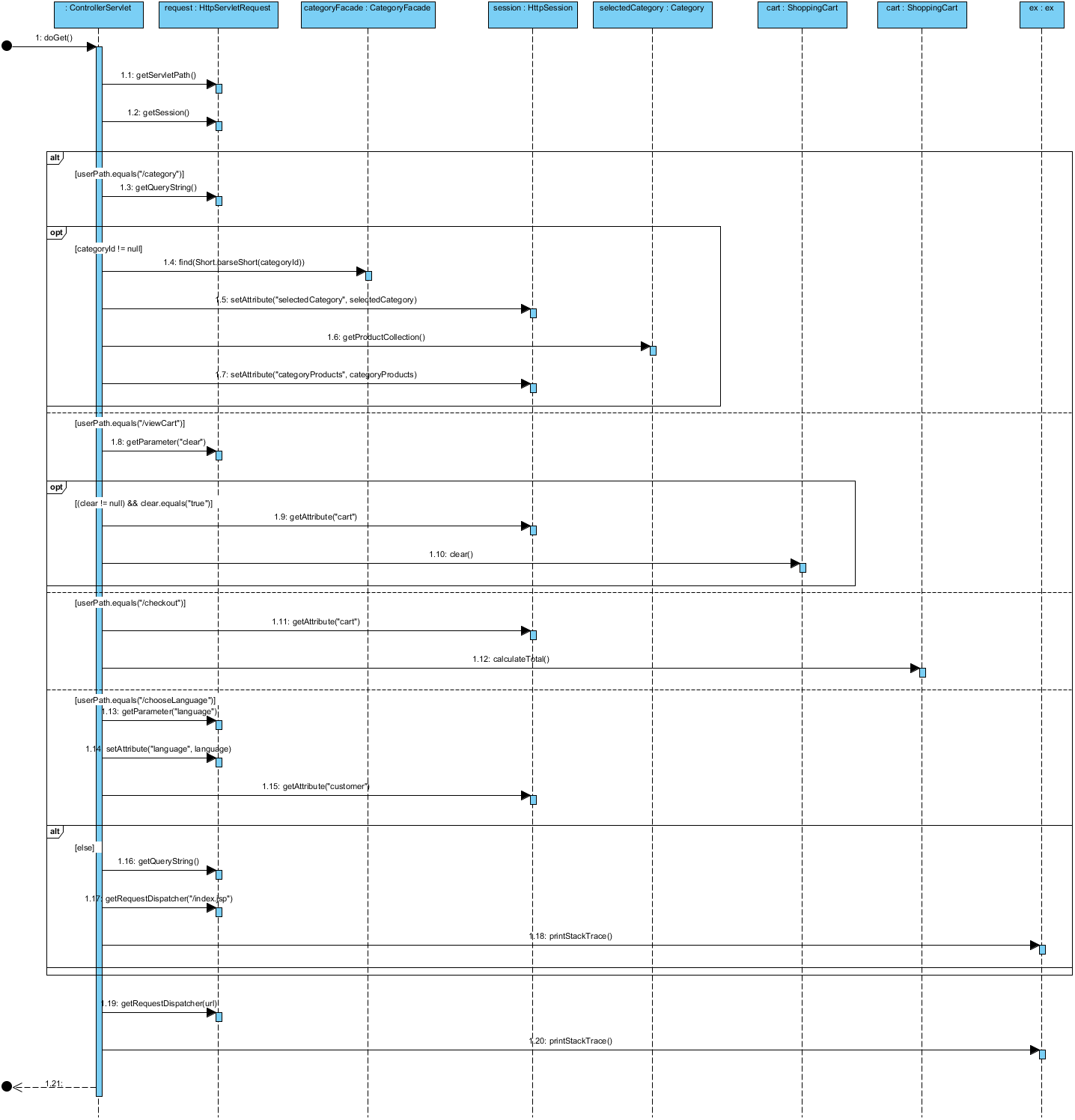
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png session |  |
| Image8.png response |  |
| Image8.png customerFacade |  |
| Image8.png customerOrderFacade |  |
| Image8.png orderManager |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:21:04 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:21:04 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/admin/logout") | |

Sequence Diagram

# controller.ControllerServlet.doGet(HttpServletRequest, HttpServletResponse)



## Details

### Image8.png  : ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:43 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ControllerServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("categoryProducts", categoryProducts) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png selectedCategory | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.6 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | productCollection | | Operation Type | Attribute Getter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("customer") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.15 |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png ex | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:48 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher(url) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:48 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Short.parseShort(categoryId)) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png categoryFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("clear") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("language", language) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher("/index.jsp") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:48 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.21 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png cart | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | clear | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("selectedCategory", selectedCategory) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("language") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.13 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png cart | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.12 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | surcharge (Text) | | | Operation | calculateTotal | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletPath() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:43 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:43 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png ex | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:43 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:43 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:43 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | doGet | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png request : HttpServletRequest

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:43 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletRequest |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getRequestDispatcher(url) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:48 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("language", language) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("clear") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletPath() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:43 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:43 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("language") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.13 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getQueryString() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher("/index.jsp") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

### Image8.png categoryFacade : CategoryFacade

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png CategoryFacade |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| find(Short.parseShort(categoryId)) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

### Image8.png session : HttpSession

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | HttpSession |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("selectedCategory", selectedCategory) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("customer") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.15 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("categoryProducts", categoryProducts) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

### Image8.png selectedCategory : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.6 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | productCollection | | Operation Type | Attribute Getter | |
| Asynchronous | false |

### Image8.png cart : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | clear | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png cart : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.12 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | surcharge (Text) | | | Operation | calculateTotal | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png ex : ex

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | ex |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:48 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:48 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

### Image9.png CombinedFragment13

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |
| Operand |
| Operand |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png categoryFacade |  |
| Image8.png session |  |
| Image8.png selectedCategory |  |
| Image8.png cart |  |
| Image8.png cart |  |
| Image8.png ex |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/category") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment14 |  |

### Image9.png CombinedFragment14

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png categoryFacade |  |
| Image8.png session |  |
| Image8.png selectedCategory |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | categoryId != null | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:44 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:44 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/viewCart") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment14 |  |

### Image9.png CombinedFragment14

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png session |  |
| Image8.png cart |  |
| Image8.png request |  |
| Image8.png categoryFacade |  |
| Image8.png selectedCategory |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | (clear != null) && clear.equals("true") | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:45 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:45 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/checkout") | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:46 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | userPath.equals("/chooseLanguage") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment14 |  |

### Image9.png CombinedFragment14

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:46 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

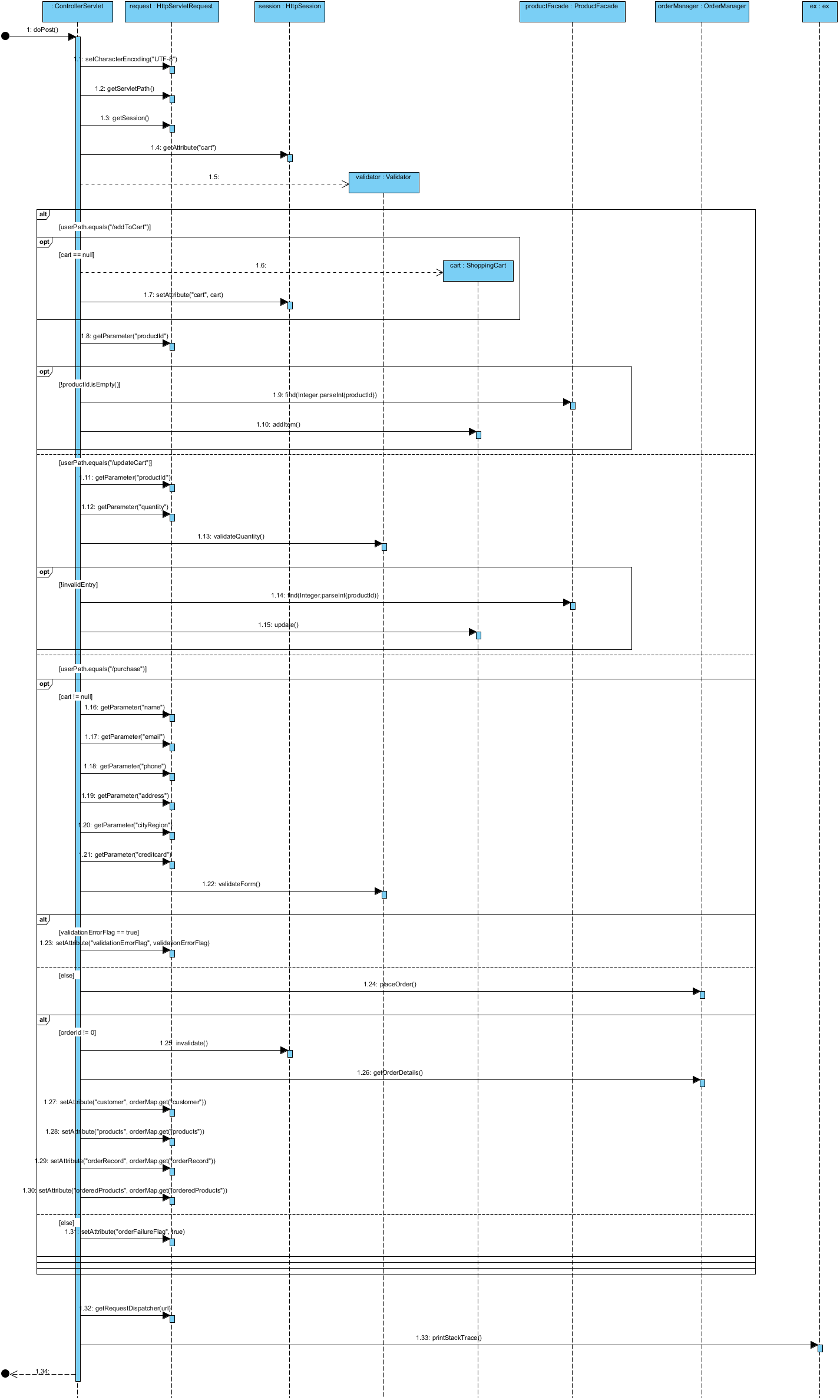
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png ex |  |
| Image8.png categoryFacade |  |
| Image8.png session |  |
| Image8.png selectedCategory |  |
| Image8.png cart |  |
| Image8.png cart |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:22:47 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:22:47 | | Last Modified | 03-Sep-2015 23:26:56 | | Constraint | else | |

Sequence Diagram

# controller.ControllerServlet.doPost(HttpServletRequest, HttpServletResponse)



## Details

### Image8.png  : ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:24 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ControllerServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletPath() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("address") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png cart | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| invalidate() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.25 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("products", orderMap.get("products")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.28 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("productId") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Integer.parseInt(productId)) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png productFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("cityRegion") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png validator | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.13 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | productId (Text) | | quantity (Text) | | | Operation | validateQuantity | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png orderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.26 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | orderId (Text) | | | Operation | getOrderDetails | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Integer.parseInt(productId)) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png productFacade | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("validationErrorFlag", validationErrorFlag) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.23 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderRecord", orderMap.get("orderRecord")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.29 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("creditcard") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.21 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("cart", cart) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customer", orderMap.get("customer")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.27 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png session | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png cart | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | product (Text) | | | Operation | addItem | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png ex | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:31 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:31 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.33 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("quantity") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.12 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:31 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:31 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.34 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:31 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher(url) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.32 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderedProducts", orderMap.get("orderedProducts")) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.30 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("name") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png validator | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png cart | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.15 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | product (Text) | | quantity (Text) | | | Operation | update | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png validator | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.22 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | email (Text) | | phone (Text) | | address (Text) | | cityRegion (Text) | | ccNumber (Text) | | request (Text) | | | Operation | validateForm | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderFailureFlag", true) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.31 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png orderManager | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.24 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | email (Text) | | phone (Text) | | address (Text) | | cityRegion (Text) | | ccNumber (Text) | | cart (Text) | | | Operation | placeOrder | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setCharacterEncoding("UTF-8") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("email") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("phone") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("productId") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:24 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:24 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:24 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | doPost | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png request : HttpServletRequest

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletRequest |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletPath() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("phone") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.18 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("customer", orderMap.get("customer")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.27 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("email") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.17 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("productId") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("quantity") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.12 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderRecord", orderMap.get("orderRecord")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.29 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getRequestDispatcher(url) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.32 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("address") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.19 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("products", orderMap.get("products")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.28 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderFailureFlag", true) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.31 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("productId") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.11 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("name") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.16 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("creditcard") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.21 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("orderedProducts", orderMap.get("orderedProducts")) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.30 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getParameter("cityRegion") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.20 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("validationErrorFlag", validationErrorFlag) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.23 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setCharacterEncoding("UTF-8") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image8.png session : HttpSession

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | HttpSession |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getAttribute("cart") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("cart", cart) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.7 |
| Asynchronous | false |

|  |  |
| --- | --- |
| invalidate() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.25 |
| Asynchronous | false |

### Image8.png validator : Validator

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Validator |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.13 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | productId (Text) | | quantity (Text) | | | Operation | validateQuantity | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.22 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | email (Text) | | phone (Text) | | address (Text) | | cityRegion (Text) | | ccNumber (Text) | | request (Text) | | | Operation | validateForm | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

### Image8.png cart : ShoppingCart

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ShoppingCart |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.15 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | product (Text) | | quantity (Text) | | | Operation | update | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.10 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | product (Text) | | | Operation | addItem | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png productFacade : ProductFacade

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ProductFacade |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| find(Integer.parseInt(productId)) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.14 |
| Asynchronous | false |

|  |  |
| --- | --- |
| find(Integer.parseInt(productId)) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.9 |
| Asynchronous | false |

### Image8.png orderManager : OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png OrderManager |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.24 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | email (Text) | | phone (Text) | | address (Text) | | cityRegion (Text) | | ccNumber (Text) | | cart (Text) | | | Operation | placeOrder | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.26 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | orderId (Text) | | | Operation | getOrderDetails | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png ex : ex

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | ex |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:31 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:31 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.33 |
| Asynchronous | false |

### Image9.png CombinedFragment14

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |
| Operand |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png session |  |
| Image8.png validator |  |
| Image8.png cart |  |
| Image8.png productFacade |  |
| Image8.png orderManager |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | userPath.equals("/addToCart") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment15 |  |
| Image9.png CombinedFragment15 |  |

### Image9.png CombinedFragment15

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png session |  |
| Image8.png request |  |
| Image8.png validator |  |
| Image8.png cart |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:25 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:25 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | cart == null | |

### Image9.png CombinedFragment15

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png productFacade |  |
| Image8.png cart |  |
| Image8.png request |  |
| Image8.png session |  |
| Image8.png validator |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | !productId.isEmpty() | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | userPath.equals("/updateCart") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment15 |  |

### Image9.png CombinedFragment15

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png productFacade |  |
| Image8.png cart |  |
| Image8.png request |  |
| Image8.png session |  |
| Image8.png validator |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:26 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:26 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | !invalidEntry | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | userPath.equals("/purchase") | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment15 |  |

### Image9.png CombinedFragment15

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png validator |  |
| Image8.png session |  |
| Image8.png cart |  |
| Image8.png productFacade |  |
| Image8.png orderManager |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:27 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:27 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | cart != null | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment16 |  |

### Image9.png CombinedFragment16

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |
| Image8.png orderManager |  |
| Image8.png session |  |
| Image8.png validator |  |
| Image8.png cart |  |
| Image8.png productFacade |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | validationErrorFlag == true | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:28 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:28 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | else | |

#### Children

|  |  |
| --- | --- |
| Name | Documentation |
| Image9.png CombinedFragment17 |  |

### Image9.png CombinedFragment17

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Operator Kind | alt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png session |  |
| Image8.png orderManager |  |
| Image8.png request |  |
| Image8.png validator |  |
| Image8.png cart |  |
| Image8.png productFacade |  |

### Image10.png Operand

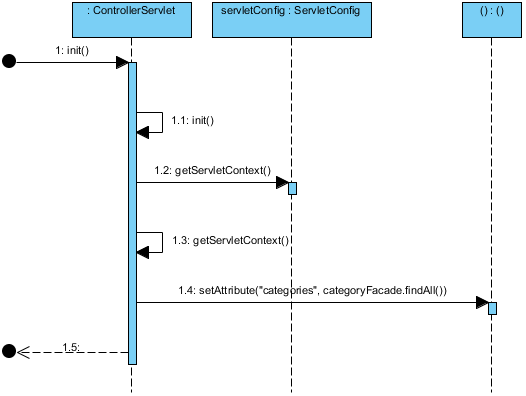
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:29 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:29 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | orderId != 0 | |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:30 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:30 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | else | |

Sequence Diagram

# controller.ControllerServlet.init(ServletConfig)



## Details

### Image8.png  : ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ControllerServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletContext() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png servletConfig | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | servletConfig (Text) | | | Operation | init | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletContext() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("categories", categoryFacade.findAll()) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png () | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | init | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png servletConfig : ServletConfig

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | ServletConfig |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletContext() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:58 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

### Image8.png () : ()

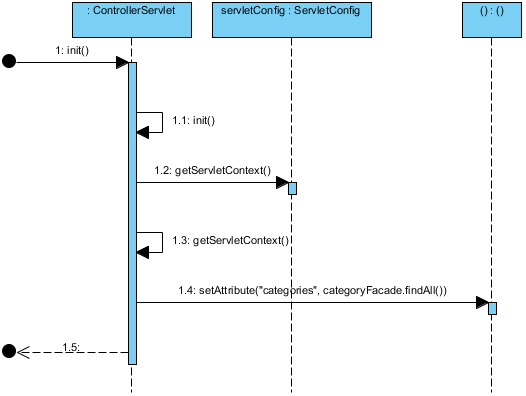
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:58 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | () |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("categories", categoryFacade.findAll()) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:23:59 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:23:59 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

Sequence Diagram

# controller.ControllerServlet.init(ServletConfig)



## Details

### Image8.png  : ControllerServlet

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:21 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png ControllerServlet |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletContext() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png servletConfig | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | | Arguments | |  | | --- | | Value | | servletConfig (Text) | | | Operation | init | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| getServletContext() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Self Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.5 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("categories", categoryFacade.findAll()) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png () | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:21 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:21 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:21 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | init | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png servletConfig : ServletConfig

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | ServletConfig |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getServletContext() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

### Image8.png () : ()

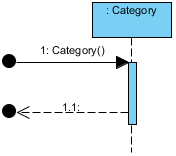
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | () |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("categories", categoryFacade.findAll()) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:25:22 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:25:22 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

Sequence Diagram

# entity.Category.Category()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:26:51 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

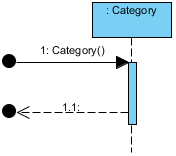
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:26:51 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:26:51 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:26:51 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:26:51 | | Last Modified | 03-Sep-2015 23:26:56 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:26:51 |
| Last Modified | 03-Sep-2015 23:26:56 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:26:51 | | Last Modified | 03-Sep-2015 23:26:56 | | Operation | Category | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.Category(Short)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:27:19 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

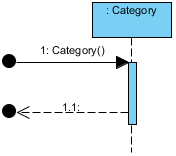
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:27:19 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:27:19 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:27:19 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:27:19 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:27:19 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:27:19 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | Category | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.Category(Short, String)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:28:46 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

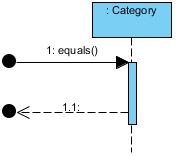
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:28:46 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:28:46 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:28:46 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:28:46 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:28:46 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:28:46 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | Category | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.equals(Object)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:29:10 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

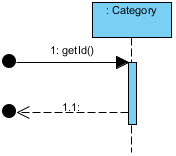
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:29:10 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:29:10 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:29:10 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:29:10 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:29:10 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:29:10 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | equals | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.getId()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:05 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

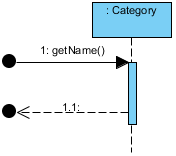
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:06 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:06 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:06 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:05 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:05 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:05 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | id | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.getName()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:31 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

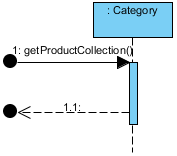
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:32 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:32 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:32 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:31 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:30:31 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:30:31 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | name | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.getProductCollection()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:34:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

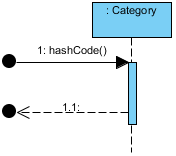
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:34:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:34:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:34:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:34:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:34:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:34:00 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | productCollection | | Operation Type | Attribute Getter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.hashCode()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

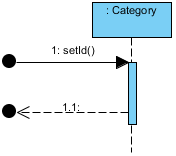
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:00 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:00 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:00 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | hashCode | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.setId(Short)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:33 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

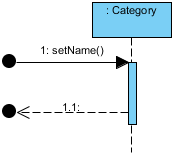
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:34 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:34 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:34 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:33 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:35:33 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:35:33 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | id | | Operation Type | Attribute Setter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.setName(String)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:07 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

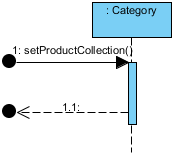
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:07 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:07 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:07 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:07 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:07 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:07 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | name | | Operation Type | Attribute Setter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.setProductCollection(Collection<Product>)



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:32 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

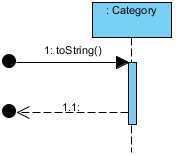
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:33 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:33 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:33 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:33 | | Last Modified | 03-Sep-2015 23:36:58 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:36:33 |
| Last Modified | 03-Sep-2015 23:36:58 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:36:33 | | Last Modified | 03-Sep-2015 23:36:58 | | Operation | productCollection | | Operation Type | Attribute Setter | |
| Asynchronous | false |

Sequence Diagram

# entity.Category.toString()



## Details

### Image8.png  : Category

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:37:10 |
| Last Modified | 03-Sep-2015 23:47:00 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Category |
| Active | false |
| Stopped | false |
| Multi Object | false |

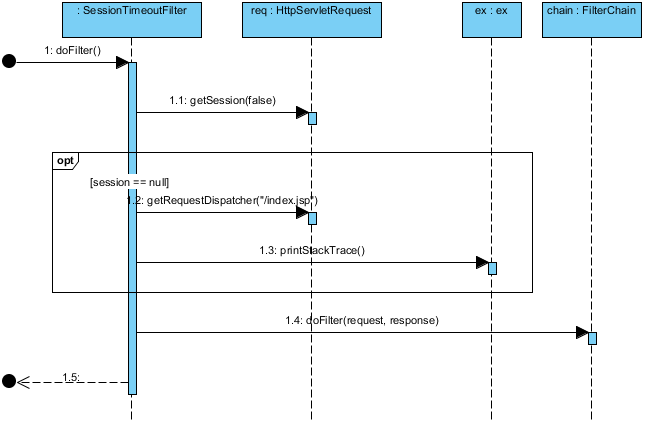
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:37:11 | | Last Modified | 03-Sep-2015 23:47:00 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:37:11 |
| Last Modified | 03-Sep-2015 23:47:00 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:37:11 | | Last Modified | 03-Sep-2015 23:47:00 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:37:10 | | Last Modified | 03-Sep-2015 23:47:00 | |
| Author | Zaic |
| Create Date Time | 03-Sep-2015 23:37:10 |
| Last Modified | 03-Sep-2015 23:47:00 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 03-Sep-2015 23:37:10 | | Last Modified | 03-Sep-2015 23:47:00 | | Operation | toString | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# filter.SessionTimeoutFilter.doFilter(ServletRequest, ServletResponse, FilterChain)



## Details

### Image8.png  : SessionTimeoutFilter

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png SessionTimeoutFilter |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getRequestDispatcher("/index.jsp") : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png req | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png ex | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession(false) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png req | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:56 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| doFilter(request, response) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png chain | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:56 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:56 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | doFilter | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png req : HttpServletRequest

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletRequest |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| getRequestDispatcher("/index.jsp") : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| getSession(false) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:56 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

### Image8.png ex : ex

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | ex |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| printStackTrace() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image8.png chain : FilterChain

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | FilterChain |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| doFilter(request, response) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

### Image9.png CombinedFragment15

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:56 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

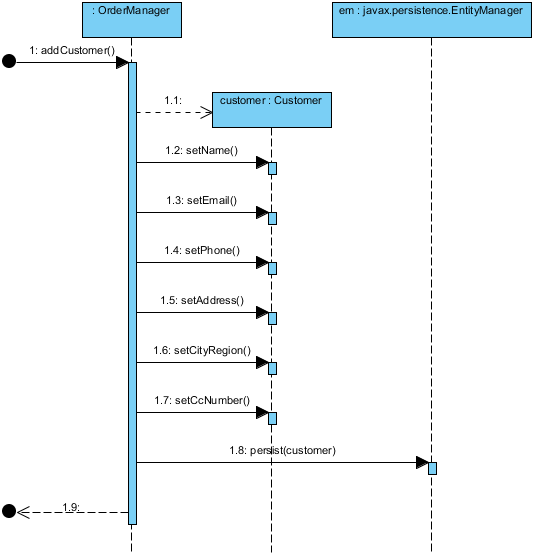
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png req |  |
| Image8.png ex |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:01:57 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:01:57 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | session == null | |

Sequence Diagram

# session.OrderManager.addCustomer(String, String, String, String, String, String)



## Details

### Image8.png  : OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:41 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png OrderManager |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | phone (Text) | | | Operation | phone | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.7 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | ccNumber (Text) | | | Operation | ccNumber | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | | Operation | name | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| persist(customer) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png em | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | address (Text) | | | Operation | address | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.6 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | cityRegion (Text) | | | Operation | cityRegion | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | email (Text) | | | Operation | email | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:43 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:43 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.9 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:43 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png customer | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | addCustomer | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png customer : Customer

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Customer |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | phone (Text) | | | Operation | phone | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | email (Text) | | | Operation | email | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.6 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | cityRegion (Text) | | | Operation | cityRegion | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.7 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | ccNumber (Text) | | | Operation | ccNumber | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | address (Text) | | | Operation | address | | Operation Type | Attribute Setter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Create Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | | Operation | name | | Operation Type | Attribute Setter | |
| Asynchronous | false |

### Image8.png em : javax.persistence.EntityManager

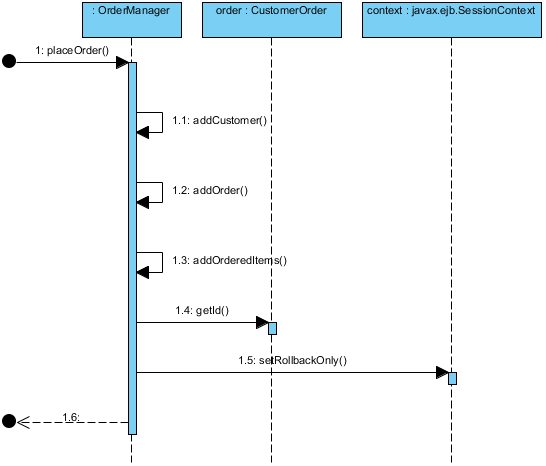
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | javax.persistence.EntityManager |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| persist(customer) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:02:42 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:02:42 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.8 |
| Asynchronous | false |

Sequence Diagram

# session.OrderManager.placeOrder(String, String, String, String, String, String, ShoppingCart)



## Details

### Image8.png  : OrderManager

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png OrderManager |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setRollbackOnly() : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png context | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.6 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Self Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | name (Text) | | email (Text) | | phone (Text) | | address (Text) | | cityRegion (Text) | | ccNumber (Text) | | | Operation | addCustomer | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png order | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | id | | Operation Type | Attribute Getter | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Self Message |
| Sequence Number | 1.3 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | order (Text) | | cart (Text) | | | Operation | addOrderedItems | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Self Message |
| Sequence Number | 1.2 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Arguments | |  | | --- | | Value | | customer (Text) | | cart (Text) | | | Operation | addOrder | | Operation Type | Operation | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | placeOrder | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png order : CustomerOrder

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png CustomerOrder |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | id | | Operation Type | Attribute Getter | |
| Asynchronous | false |

### Image8.png context : javax.ejb.SessionContext

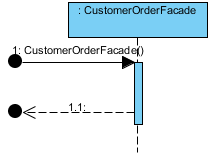
|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | javax.ejb.SessionContext |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setRollbackOnly() : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:19 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:19 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

Sequence Diagram

# session.CustomerOrderFacade.CustomerOrderFacade()



## Details

### Image8.png  : CustomerOrderFacade

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:52 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png CustomerOrderFacade |
| Active | false |
| Stopped | false |
| Multi Object | false |

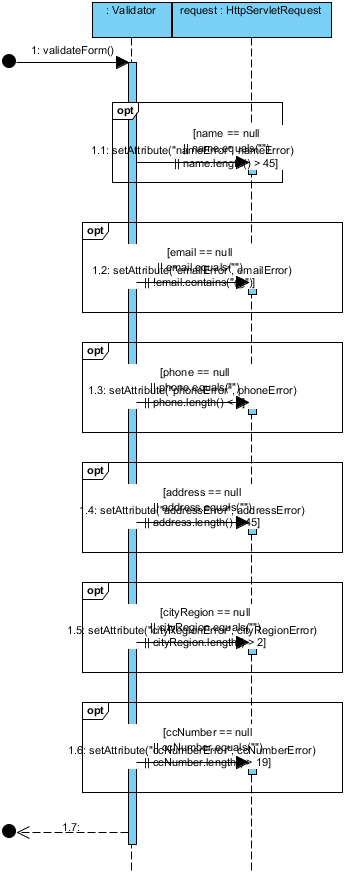
#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:52 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:52 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:52 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:52 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:03:52 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:03:52 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | CustomerOrderFacade | | Operation Type | Operation | |
| Asynchronous | false |

Sequence Diagram

# validate.Validator.validateForm(String, String, String, String, String, String, HttpServletRequest)



## Details

### Image8.png  : Validator

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:47 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Validator |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:49 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:49 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.7 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:49 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("nameError", nameError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("emailError", emailError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("phoneError", phoneError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("cityRegionError", cityRegionError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("addressError", addressError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("ccNumberError", ccNumberError) : Message | |
| To | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png request | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:49 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:49 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:47 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:47 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:47 | | Last Modified | 04-Sep-2015 00:07:04 | | Operation | validateForm | | Operation Type | Operation | |
| Asynchronous | false |

### Image8.png request : HttpServletRequest

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:47 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Multiplicity | Unspecified |
| Base Classifier | HttpServletRequest |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| setAttribute("cityRegionError", cityRegionError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.5 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("ccNumberError", ccNumberError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:49 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:49 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.6 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("addressError", addressError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.4 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("nameError", nameError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.1 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("emailError", emailError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.2 |
| Asynchronous | false |

|  |  |
| --- | --- |
| setAttribute("phoneError", phoneError) : Message | |
| From | |  |  | | --- | --- | | Name | Value | | End Model Element | Image8.png N/A | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Type | Message |
| Sequence Number | 1.3 |
| Asynchronous | false |

### Image9.png CombinedFragment16

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:47 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:47 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:47 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | name == null   || name.equals("")   || name.length() > 45 | |

### Image9.png CombinedFragment17

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | email == null   || email.equals("")   || !email.contains("@") | |

### Image9.png CombinedFragment18

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | phone == null   || phone.equals("")   || phone.length() < 9 | |

### Image9.png CombinedFragment19

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | address == null   || address.equals("")   || address.length() > 45 | |

### Image9.png CombinedFragment20

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:48 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:48 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | cityRegion == null   || cityRegion.equals("")   || cityRegion.length() > 2 | |

### Image9.png CombinedFragment21

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:49 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Operator Kind | opt |

#### Interaction Operands

|  |
| --- |
| Value |
| Operand |

#### Covered LifeLines

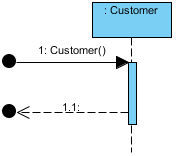
|  |  |
| --- | --- |
| Name | Documentation |
| Image8.png N/A |  |
| Image8.png request |  |

### Image10.png Operand

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 00:04:49 |
| Last Modified | 04-Sep-2015 00:07:04 |
| Guard | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 00:04:49 | | Last Modified | 04-Sep-2015 00:07:04 | | Constraint | ccNumber == null   || ccNumber.equals("")   || ccNumber.length() > 19 | |

Sequence Diagram

# huy



## Details

### Image8.png  : Customer

|  |  |
| --- | --- |
| Name | Value |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:18:17 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Multiplicity | Unspecified |
| Base Classifier | Image2.png Customer |
| Active | false |
| Stopped | false |
| Multi Object | false |

#### Relationships

|  |  |
| --- | --- |
| Unnamed Message | |
| To | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:18:17 | | Last Modified | 04-Sep-2015 07:27:08 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:18:17 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Type | Message |
| Sequence Number | 1.1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Return | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:18:17 | | Last Modified | 04-Sep-2015 07:27:08 | |
| Asynchronous | false |

|  |  |
| --- | --- |
| Unnamed Message | |
| From | |  |  | | --- | --- | | Name | Value | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:18:17 | | Last Modified | 04-Sep-2015 07:27:08 | |
| Author | Zaic |
| Create Date Time | 04-Sep-2015 07:18:17 |
| Last Modified | 04-Sep-2015 07:27:08 |
| Type | Message |
| Sequence Number | 1 |
| Action Type | |  |  | | --- | --- | | Name | Value | | Name | Call | | Iteration | false | | Asynchronous | false | | Author | Zaic | | Create Date Time | 04-Sep-2015 07:18:17 | | Last Modified | 04-Sep-2015 07:27:08 | | Operation | Customer | | Operation Type | Operation | |
| Asynchronous | false |