**Test Document**

Group Ae-Wing

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SE323 Software Construction, Testing and Maintenance

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Lecturer

Reference

User requirement specification, Class diagram and Sequence diagram

Responsibility

|  |  |
| --- | --- |
| Activity | Team member name |
| Unit test plan | Athit Chananchana |
| Verify unit test | Athimet Amornpeerasit |
| Acceptance test plan | Pichet Potha |
| Verify acceptance test | Athimet Amornpeerasit |

Test Item

Ae-Wing Shopping web application version 1.0

Test tools

J-Unit

Test environment requirement

Window 8 Professional x64 intel core-i7

Unit Test Case

Class CartServiceImpl

URS1-7: The customer can select product to his/her cart.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test findById() : Cart method | 1 | The cart that have id same as input |  |  |

Class ImageServiceImpl

URS2-1: The system can show user identity on the top-right of screen.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test get() : Image method | 1 | The image that have id same as input |  |  |

Class MemberServiceImpl

URS1-2: The customer can log in to the E-shopping system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test getMembers() : List<Member> method |  | A list of members |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test findById() : Member method | 1 | The member that have id same as input |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test searchMember() : List<Member> method | Aok | The member that have content similar as input |  |  |

Class OrderLogServiceImpl

URS1-9: The customer can check out.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test getOrderLogs() : List<OrderLog> method |  | A list of orderlogs |  |  |

Class ProductInCartServiceImpl

URS1-9: The customer can check out.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test getProductInCart() : List<Product> method |  | A list of product |  |  |

Class ProductServiceImpl

URS1-3: The customer can view all product from E-shopping system.

URS1-4: The customer can search product from E-shopping system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test getProducts() : List<Product> method |  | A list of product |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | description | Input value | Expect Result | Actual Result | Test Status |
| 1 | Test searchProducts() : List<Product> method | Egg | A list of product that have content similar as input |  |  |