# **Integration testing**

# **Revision history**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Name** | **Revision Description** |
| V1.0 | February 27, 2014 | Tanadol Parn-ong | Create Integration test documentation |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Reviewer

|  |  |  |
| --- | --- | --- |
| **Name** | **Version Approved** | **Date** |
| Mr.Tanadol Parnong  Ms.Chonticha Prachpreang  Mr. Suwichak Fungprasertkul | V1.0 | February 27, 2014 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Table of Contents**

[**Revision history** 1](#_Toc381534013)

[Change Record 1](#_Toc381534014)

[Reviewer 1](#_Toc381534015)

[**References** 3](#_Toc381534016)

[**Introduction** 3](#_Toc381534017)

[**Responsibility** 3](#_Toc381534018)

[**Test Item** 3](#_Toc381534019)

[**Test tools** 3](#_Toc381534020)

[**Features to be tested** 3](#_Toc381534021)

[Database for testing 4](#_Toc381534022)

[Test case of Integration test (IT) 5](#_Toc381534023)

[**IT\_TC 01** 5](#_Toc381534024)

[**IT\_TC 02** 6](#_Toc381534025)

[**IT\_TC 03** 7](#_Toc381534026)

[**IT\_TC 04** 8](#_Toc381534027)

[**IT\_TC 05** 9](#_Toc381534028)

[**IT\_TC 06** 10](#_Toc381534029)

[**IT\_TC 07** 11](#_Toc381534030)

[**IT\_TC 08** 12](#_Toc381534031)

[**IT\_TC 09** 13](#_Toc381534032)

# **References**

The sequence diagram v1.0

# **Introduction**

This Integretion testing is a testing about manipulation data between a controller and models.

# **Responsibility**

|  |  |
| --- | --- |
| **Task** | **Team member name** |
| Write the integration test plan | Tanadol Parn-ong |
| Verify the integration test |  |

# **Test Item**

* CBSD Project

# **Test tools**

* Microsoft visual studio 2013

# **Features to be tested**

* All manipulation data between a controller and models.

# Database for testing

: Integration test need to request data in database

admin

|  |  |  |
| --- | --- | --- |
| adminId | adminUsername | adminPassword |
| 1 | “admin” | “1234” |

Customers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| customerId | customerUsername | customerPassword | customerName | customerAddress | customerPicture |
| 1 | “milk” | “milk” | Suwichak Fungprasertkul | New York | cdp2.jpg |

payment

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| payment Id | ShoppingCartId | paymentType | paymentNumber | Total price | peceivedprice | paymentStatus |
| 1 | 1 | 2 | 6533332 | 2000.00 | NULL | 0 |

product

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| productId | productName | productDescription | productPrice | productPicture | isDeleted |
| 1 | “product1” | “It is good” | 2000.00 | pic1.JPG | 0 |

shoppingcart

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| shoppingcartId | customerId | status | Create\_date | Checkout\_date |
| 1 | 1 | 2 | 2014-02-09 13:34:50 | 2014-02-09 13:35:04 |

shoppinlist

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| shoppingListId | shoppingcartId | productId | Quantity shoppingProduct | isDelete |
| 1 | 1 | 1 | 1 | 0 |

# Test case of Integration test (IT)

## **IT\_TC 01**

**Test scenario**

: The controller manipulates data from database via model entities called admin model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 01 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 01 | The controller manipulates data from database via model entities called admin model. | Pass |  |

## **IT\_TC 02**

**Test scenario**

: The controller manipulates data from database via model entities called customer model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 02 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 01 | The controller manipulates data from database via model entities called customer model. | Pass |  |

## **IT\_TC 03**

**Test scenario**

: The controller manipulates data from database via model entities called payment model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 03 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 03 | The controller manipulates data from database via model entities called payment model. | Pass |  |

## **IT\_TC 04**

**Test scenario**

: The controller manipulates data from database via model entities called product model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 04 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 04 | The controller manipulates data from database via model entities called product model. | Pass |  |

## **IT\_TC 05**

**Test scenario**

: The controller manipulates data from database via model entities called shoppingcart model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 05 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 05 | The controller manipulates data from database via model entities called shoppingcart model. | Pass |  |

## **IT\_TC 06**

**Test scenario**

: The controller manipulates data from database via model entities called shoppinglist model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 06 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 06 | The controller manipulates data from database via model entities called shoppinglist model. | Pass |  |

## **IT\_TC 07**

**Test scenario**

: The controller display data from database via model entities called checkoutviewmodel model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 07 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 07 | The controller display data from database via model entities called checkoutviewmodel model. | Pass |  |

## **IT\_TC 08**

**Test scenario**

: The controller display data from database via model entities called shoppingitemviewmodel model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 08 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 08 | The controller display data from database via model entities called shoppingitemviewmodel model. | Pass |  |

## **IT\_TC 09**

**Test scenario**

: The controller display data from database via model entities called paymenthistory model.

**Prerequisites or Test input**

: The testing is available data at database.

**IT\_TC 09 relationship table**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case ID | Test case description | Expect result | Actual result |
| IT\_TC 09 | The controller display data from database via model entities called paymenthistory model. | Pass |  |