

Software Test Plan

Music Store E-Shopping

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Revision history

Change Record

Version	Date	Name	Revision Description
V1.0	March 1 st , 2014	Sittipong Borripan Nuttapol Srisawas	Create Test Plan
V1.1	March 2 nd ,2014	Sittipong Borripan Nuttapol Srisawas	Edit Test Case template Add Test Case

Reviewer

Name	Version Approved	Date
Witsarus Suninhong	V1.0	3/1/2014

Introduction

This document show the overview defining the testing for Music Store E-Shopping web application. We use 3 levels of testing to test this web application. First is Unit Testing, it is a method to test the units of source code can work correctly with the defined condition or not. Second is Integration Testing, it is a method to test the systems, which put the units together can work together or not. The last is Acceptance Testing (UAT), it is a method to test the product in the final process before release the software. We use UAT to test the web application was developed correctly with User Requirement or not.

Test Objective

The objective of this document is to show the overview, detail, and process how to plan the way to find many bugs as possible to fix and improve the web application can full efficacy work follow with User Requirement or function.

Reference

SRS.docx

ClassDiagram.docx

SequenceDiagram NewPDF.pdf

Music Store E-Shopping v1.0 (Source Code)

Test Items

Music Store E-Shopping v1.0

System Environment

Computer 1

Intel® Core™ i5-2450M CPU @ 2.50GHz

RAM 4.00 GB, 64-bit Operating System

Firefox 27.0.1

Selenium IDE 2.5.0

Microsoft Visual Studio Ultimate 2012 version 11.0.50727.1 RTMREL

Test Case

Test Case Template

This test case template will use for record the details of testing process for all of 3 level testing.

Test Case ID	The ID of Test Case	Created By	The name of the people who created test case.
Created Date	Date when created test case.		
Module	Related Module.		
Description	Propose of the test case.		
Pre-condition	Step before Start test case.		
Post-condition	After complete the test case.		
Input	The input value to test.		
Expected Output	The output that should occur.		
Steps	Step to complete test case.		
Execution History			
Date	Actual Output	Result	
Date that record the test.	The result that occur.	Pass or Fail	

Test case of User acceptance Test (UAT)

UAT_TC 01

Test scenario: URS1-01 The website shall allow the user to register to system.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 01	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-01 , SRS-02		
Description	To test user for register to system working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Back to the login page.		
Input	User enter username, password, full name, address , image.		
Expected Output	<ul style="list-style-type: none">- System provide register page.- User can add new account to the system.		
Steps	<ol style="list-style-type: none">1. User click link register for request register page.2. User enter username, password, full name, address , image.3. User click register button.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Username = nuttapol Password = 12345678 Fullname = Nuttapol Address = cnx Image = pic.jpg	User can register to the system and back to login page.	Pass

Invalid case

01/03/2014	Username = Password = 12345678 Fullname = Nuttapol Address = cox Image = pic.jpg	Please enter your username.	Fail
01/03/2014	Username = nuttapol Password = Fullname = Nuttapol Address = cox Image = pic.jpg	Please enter your password.	Fail
01/03/2014	Username = nuttapol Password = 12345678 Fullname = Address = cox Image = pic.jpg	Please enter your fullname.	Fail
01/03/2014	Username = nuttapol Password = 12345678 Fullname = Nuttapol Address = Image = pic.jpg	Please enter your address.	Fail
01/03/2014	Username = Password = Fullname = Address = Image =	Please enter your username. Please enter your password. Please enter your fullname. Please enter your address.	Fail

Test case of User acceptance Test (UAT)

UAT_TC 02

Test scenario: URS1-02 The website shall allow the user to update profile information.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 02	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-04		
Description	To test the user can update their profile working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Back to the main page.		
Input	User enter full name , address, image.		
Expected Output	<ul style="list-style-type: none">- System provide update profile page.- User update profile successful.		
Steps	<ol style="list-style-type: none">1. User click update profile link.2. User enter full name , address , image.3. User click update button.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Fullname = Nuttapol Address = cox Image = pic.jpg	User can update profile and back to the main page.	Pass

Invalid case

01/03/2014	Fullname = Address = cox Image = pic.jpg	Please enter your full name. 	Fail
01/03/2014	Fullname = Nuttapol Address = Image = pic.jpg	Please enter your address. 	Fail
01/03/2014	Fullname = Address = Image =	Please enter your full name. Please enter your address.	Fail

Test case of User acceptance Test (UAT)

UAT_TC 03

Test scenario: URS1-03 The website shall allow the user to log in to system.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 03	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-03 , SRS-16		
Description	To test the user can login to system working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Back to main page with fullname.		
Input	User enter username and password. (Username = nuttapol , Password = 12345678)		
Expected Output	<ul style="list-style-type: none">- System provide login page.- User can login to the system successful.		
Steps	<ol style="list-style-type: none">1. User click login button.2. User enter username and password.3. User click login button.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Username = nuttapol Password = 12345678	User can login to the system and back to main page.	Pass

Invalid case

01/03/2014	Username = aaa Password = 12345	Incorrect username or password.	Fail
01/03/2014	Username = nuttapol Password =	The password field is required.	Fail
01/03/2014	Username = Password = 12345678	The username field is required.	Fail
01/03/2014	Username = Password =	The username field is required. The password field is required.	Fail

Test case of User acceptance Test (UAT)

UAT_TC 04

Test scenario: URS1-04 The website shall allow the user to browse the product catalogs.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 04	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-09		
Description	To test user to browse the product catalogs working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Show the product for each catalogs.		
Input	-		
Expected Output	System display catalogs that choosing.		
Steps	1. User choose some catalog in the menu. 2. User click the catalogs in the menu.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		System show the product that user choosing by catalogs menu.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 05

Test scenario: URS1-05 The website shall allow the user to add the product to cart.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 05	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-10 , SRS-11 , SRS-14		
Description	To test user add product to cart working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Add product to cart.		
Input	-		
Expected Output	- System provide product list. - User add product to cart successful.		
Steps	1. User open main page. 2. User select product to add to cart and click add to cart.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		Add product to the cart successful.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 06

Test scenario: URS1-06 The website shall allow the user to check out the cart.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 06	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-12		
Description	To test user check out the cart working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	System provide checkout page to order product.		
Input	User enter recipient , address and select payment option.		
Expected Output	- System provide form for order.		
Steps	1. User click checkout button. 2. User click checkout now button. 3. User enter recipient , address and select payment option. 4. User click complete order button.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Recipient = Nuttapol Address = cnx Payment option = paypal	System provide form to order product and next to completed page for finished order.	Pass

Invalid case

01/03/2014	Recipient = Address = cnx Payment option = paypal	Please enter the recipient name.	Fail
01/03/2014	Recipient = Nuttapol Address = Payment option = paypal	Please enter the recipient address.	Fail
01/03/2014	Recipient = Address = Payment option = Master Card	Please enter the recipient name. Please enter the recipient address.	Fail

Test case of User acceptance Test (UAT)

UAT_TC 07

Test scenario: URS1-07 The website shall allow the user to choose the payment option.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 07	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-12		
Description	To test the user choose the payment option that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	User have selected payment option.		
Input	Select payment option in combo box.		
Expected Output	Successful selected.		
Steps	- User choose payment option.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Select payment option	System have to receive payment option to system.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 08

Test scenario: URS1-08 The website shall allow the user to see the shopping history.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 08	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-13		
Description	To test user see the shopping history that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	System provide history page.		
Input	-		
Expected Output	- System display shopping history.		
Steps	1 . User click history link. 2. System provide history page for user.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		System provide history page.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 09

Test scenario: URS1-09 The website shall allow the admin to add product.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 09	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-06		
Description	To test admin add product that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Add new product successful.		
Input	Admin enter name , description , price , category , image.		
Expected Output	<div>- System provide add product page.</div> <div>- Admin add product successful.</div>		
Steps	<div>- Admin click add new product.</div> <div>- Admin enter name , description , price , category , image.</div> <div>- Admin click save.</div>		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	<div>Name = Counting Stars</div> <div>Description = OneRepublic</div> <div>Price = \$1.99</div> <div>Category = Pop</div> <div>Image = pic.jpg</div>	Admin add new product to the system and back to admin index page.	Pass

Invalid case

01/03/2014	Name = Description = OneRepublic Price = \$1.00 Category = Pop Image = pic.jpg	Please enter a product name.	Fail
01/03/2014	Name = Counting Stars Description = Price = \$1.00 Category = Pop Image = pic.jpg	Please enter a description.	Fail
01/03/2014	Name = Counting Stars Description = OneRepublic Price = Category = Pop Image = pic.jpg	Please enter a positive price.	Fail
01/03/2014	Name = Counting Stars Description = OneRepublic Price = \$1.00 Category = Image = pic.jpg	Please specify a category.	Fail
01/03/2014	Name = Description = Price = Category = Image = pic.jpg	Please enter a product name. Please enter a description. Please enter a positive price.	Fail

		Please specify a category.	
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Test case of User acceptance Test (UAT)

UAT_TC 10

Test scenario: URS1-10 The website shall allow the admin to update product.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 10	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-07		
Description	To test admin update product working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Update product successful.		
Input	Admin enter name , description , price , category , image.		
Expected Output	<ul style="list-style-type: none">- System provide edit product page.- Admin update product successful.		
Steps	<ol style="list-style-type: none">1. Admin select product for update.2. Admin enter name , description , price , category , image.3. Admin click save.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014	Name = Counting Stars Description = OneRepublic Price = \$1.99 Category = Pop Image = pic.jpg	Admin update product successful and back to admin index page.	Pass

Invalid case

01/03/2014	Name = Description = OneRepublic Price = \$1.00 Category = Pop Image = pic.jpg	Please enter a product name.	Fail
01/03/2014	Name = Counting Stars Description = Price = \$1.00 Category = Pop Image = pic.jpg	Please enter a description.	Fail
01/03/2014	Name = Counting Stars Description = OneRepublic Price = Category = Pop Image = pic.jpg	Please enter a positive price.	Fail
01/03/2014	Name = Counting Stars Description = OneRepublic Price = \$1.00 Category = Image = pic.jpg	Please specify a category.	Fail
01/03/2014	Name = Description = Price = Category = Image = pic.jpg	Please enter a product name. Please enter a description. Please enter a positive price.	Fail

		Please specify a category.	
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Test case of User acceptance Test (UAT)

UAT_TC 11

Test scenario: URS1-11 The website shall allow the admin to delete product.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 11	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-08		
Description	To test admin delete product that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	Admin delete product from system.		
Input	-		
Expected Output	<ul style="list-style-type: none">- System provide list of product.- Admin delete product successful.		
Steps	1. Admin click delete product.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		System delete product from the system.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 12

Test scenario: URS1-12 The website shall allow the admin to see the user shopping history.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 12	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-13		
Description	To test admin see the user shopping history that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	System show detail of customer history.		
Input	-		
Expected Output	- System provide user shopping history.		
Steps	1. Admin click link for see customer history. 2. System provide user shopping history.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		System provide user shopping history.	Pass

Test case of User acceptance Test (UAT)

UAT_TC 13

Test scenario: URS1-13 The website shall allow the user to log out from system.

Objective: To working correctly.

Test case Table

Test Case ID	UAT_TC 13	Created By	Nuttapol , Sittipong
Created Date	01/03/2014		
Module	SRS-15		
Description	To test user log out from the system that working correctly.		
Pre-condition	Run application as firefox.		
Post-condition	User logout from the system.		
Input	-		
Expected Output	- User log out successful.		
Steps	1. User click log out button. 2. Logout and back to main page.		
Execution History			
Date	Test data	Actual result	Result
01/03/2014		Log out successful.	Pass

Unit Test

Test Case ID	UT_TC01	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module	Register		
Description	Method “CreateAccount(Account account)”		
Pre-condition			
Post-condition	UT_TC02		
Input	Username= “B1”,Password= “111”, Address= “Thailand”		
Expected Output	The method get attribute value same with input.		
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC02	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module	Register		
Description	Method “SaveAccount(Account account)”		
Pre-condition	UT_TC01		
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC03	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module	Register		
Description	Method “IQueryable<Account> Accounts”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC04	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public DbSet<Product> Products { get; set; }”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output		Result

Test Case ID	UT_TC05	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public DbSet<Account> Accounts { get; set; }”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC05	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public DbSet<Account> Accounts { get; set; }”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC06	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public DbSet<Order> Orders { get; set; }”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output		Result

Test Case ID	UT_TC07	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public IQueryable<Order> Orders”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC07	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public void SaveOrder(Order order)”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	

Test Case ID	UT_TC07	Created By	Nuttapol Srisawas Sittipong Borripan
Created Date	1/3/2014		
Module			
Description	Method “public void SaveOrder(Order order)”		
Pre-condition			
Post-condition			
Input			
Expected Output			
Steps			
Execution History			
Date	Actual Output	Result	