|  |  |
| --- | --- |
| Logo_FPT_University_doc | **MINISTRY OF EDUCATION AND TRAINING** |

**FPT UNIVERSITY**

**CAPSTONE PROJECT DOCUMENT**

**<Project Code>**

**Report #5 – Software Test Documents**

|  |  |
| --- | --- |
| **<Group Code>** | |
| **Group Member** | <ID - Name> |
| <ID - Name> |
| <ID - Name> |
| <ID - Name> |
| **Supervisor** | <Name> |
| **Ext. Supervisor** |  |
| **Project Code** | <Code> |

- Hanoi, 05/2012 -

Table of Contents

[1 INTRODUCTION 3](#_Toc364952626)

[1.1 Purposes 3](#_Toc364952627)

[1.2 System Overview 3](#_Toc364952628)

[2 TEST PLAN 3](#_Toc364952629)

[2.1 Scope of Testing 3](#_Toc364952630)

[2.2 Requirements for Testing 3](#_Toc364952631)

[2.2.1 Test Items 3](#_Toc364952632)

[2.2.2 Acceptance Test Criteria 3](#_Toc364952633)

[2.2.3 Testing Risks 3](#_Toc364952634)

[2.3 Test Strategies 3](#_Toc364952635)

[2.3.1 Test Policies 3](#_Toc364952636)

[2.3.2 Test Model 3](#_Toc364952637)

[2.3.3 Types of Testing 3](#_Toc364952638)

[2.3.4 Test Stages 3](#_Toc364952639)

[2.3.5 Tools/Environments 3](#_Toc364952640)

[2.3.6 Resources 4](#_Toc364952641)

[3 TEST CASES 4](#_Toc364952642)

[3.1 <UC 001 - Name> 4](#_Toc364952643)

[3.2 <UC 002 - Name> 4](#_Toc364952644)

[4 CHECKLISTS 4](#_Toc364952645)

[5 TEST LOGS 4](#_Toc364952646)

[5.1 Defect Logs 4](#_Toc364952647)

[5.2 Test Reports 4](#_Toc364952648)

# INTRODUCTION

## Purposes

The main purpose of this test document is for end user and project team to evaluate whether the built system meet the specify requirement as stated in software requirement document, if this test document fails that mean the system don’t match the specify user requirement and the system might go through rejection.

This document describes the approach and methodologies to be used by the software testing group to evaluate the application, both implementation details of test case and technical details of the system.

## System Overview

# TEST PLAN

## Scope of Testing

There are three main types of Testing in our project : Unit Test, Integration Testing and System Test. Developers of this system are require to built the system using the Test based approach which they will have write unit test for all component of the system. Testers will handle the remaining type of testing required in this system.

* **Unit testing**
* The purpose of doing this type of testing is to verify the internal logic and algorithm of the system, every possible input combination will be tested, this is also known as test coverage.
* Unit testing is a software development process in which the smallest testable parts of an application, called units, are individually and independently scrutinized for proper operation. **Unit testing** can be done manually but is often automated.
* **Integration Testing**
* Sometimes called integration and testing, abbreviated I&T) is the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit testing and before validation testing.
* **System Testing**
* is a level of the software testing where a complete and integrated software is tested. The purpose of this test is to evaluate the system's compliance with the specified requirements. Definition by ISTQB. System testing: The process of testing an integrated system to verify that it meets specified.

## Requirements for Testing

### Test Items

* Unit Testing
  + All Web Methods will be properly tested
* Integration Testing
  + All Component
* System Testing
  + All Web Page

### Types of Testing

* User Interface Testing : GUI testing is the way toward guaranteeing legitimate usefulness of the graphical UI (GUI ) for a given application and ensuring it adjusts to its composed details
* Function Testing: is a quality confirmation (QA) process and a kind of discovery testing that constructs its experiments in light of the particulars of the product segment under test. ... Practical testing ordinarily depicts what the framework does.
* Acceptance Testing: is a level of the product testing where a framework is tried for adequacy. The reason for this test is to assess the framework's consistence with the business necessities and survey whether it is adequate for conveyance.

### Test Stages

We use the V model with each stage in the left column as shown in the figure above, shows that from the requirement to analyse and develop, will be equivalent to the corresponding test level: This includes the Unit Test, Integration Testing, Integration Test, System Test and Acceptance Test.

|  |  |  |  |
| --- | --- | --- | --- |
| Types Of Testing | Stage Of Testing | | |
| Unit | Integration | System |
| User Interface Test | X | X | X |
| Function Test | X | X | X |
| Acceptance Test |  |  | X |

### Tools/Environments

|  |  |
| --- | --- |
| Unit Test | * Visual Studio (NUnit) * .NET |
| Integration Test | * Google Chrome * Microsoft Edge |
| System Test | * Google Chrome * Microsoft Edge |

# TEST CASES

## Authentication Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
|  | **Login** |  |  |  |
| AM001 | Login Landing page, user acessing the login page | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox |  |
| AM002 | User Login in to the system | 1.Fill text field with correct credential as shown in the page  2. Check on Remember me or leave it empty  3. Click on Login Button | for admin and staffs the dashboard is shown, and for customers the book list page is shown. | AM001 |
| AM003 | Check user login when the both user name and password are invalid. | 1. Enter invalid username and password  2. Click on Login Button | Error message popup, with message "Invalid User Credential" | AM001 |
| AM004 | Check user login when input password is incorrect. | 1. Enter email/username correctly   2. Input invalid password  3. Click on Login Button | Error Message popup with message "Incorrect User Credential" | AM001 |
| AM005 | Check user if input username is incorrect | 1. Enter Incorrect username and either correct or incorrect password 2. Click on the Login button from the login screen | Error Message popup with message "Incorrect User Credential" | AM001 |
| AM006 | Username and Password Field is empty | 1. leave username or password field empty or whitespace 2. Click on the login button from the login screen | Error message is show to E-U "Username or password field cannot be empty" | AM001 |
| AM007 | Check user login when the user re-enter BSMS URL in webbrowser after browsing session is over | 1. Type URL of BSMS system into location field of web browser, and then enter. 2. Enter user name and password 3. Click on "Login" Button 4. Logout of BSMS 4. Re-enter URL of BSMS (http://bsms.webazurewebsites.net) into location field of browser and enter | The "Login" is displayed again. |  |
|  | **Forget Password** |  |  |  |
| AM008 | Forget password landing page **- Precondion:** The login screen is displayed first | 1. E-U clicked on forget password button from the login page 2. Enters Email in the textfield provided  3. Click on the Reset Password Page | Cooresponding Success message is show to the invocking E-U, "Check your email to continue processing your new password" |  |
| AM008 | Check Email is in correct format | 1. E-U clicked on forget password button from the login page 2. Enters invalid Email format in the textfield provided  3. Click on the Reset Password Page | Error message is to invocking end users "Invalid Email format" |  |
| AM009 | Check if email account is registered with BSMS | 1. E-U clicked on forget password button from the login page 2. Enters unregistered Email in the textfield provided  3. Click on the Reset Password Page | Error message popup is shown to invocking end user "Email does not exist in our System." |  |
|  | **Authorize User** |  |  |  |
| AM010 | Check access right for the user | 1. Enter BSMS official website 2. Login into the system 3. Mannually enters an inaccessible page | The Error page: "access denied" is displayed. |  |
| AM011 | Check access right for the user | 1. Enter BSMS official website 2. Mannually enters an inaccessible page | The Error page: "access denied" is displayed. |  |
|  | **Logout** |  |  |  |
| AM012 | Logout user from the system | 1. Enter BSMS official website 2. Login into the system 3. Clcik on the logout hyperlink beside your name in the navigation bar | Login Landing page | AM001 |
|  | **Register Customer** |  |  |  |
| AM013 | Register Customer | 1. Guest User clicked on the register button in the login page | Register user landing page |  |
| AM014 | Register Customer | 1. "\*" fields is empty 2. Guest clicked on Register | Error message popup "\* fields are required", check the form and refill |  |
| AM015 | Register Customer | 1. Guest Filled in, correct values in the "\*" fields 2. Then click Register | Information Message popup "You have successfully be registered" after few seconce redirect you to the login page. |  |
|  | **Register Staff** |  |  |  |
| AM016 | Register Staff | 1. Admin clicked on the register button in the Staff Management page | Register user landing page |  |
| AM017 | Register Staff | 1. Admin clicked on the register button in the Staff Management page | Error message popup "\* fields are required", check the form and refill |  |
| AM018 | Register Staff | 1.Admin Filled in, correct values in the "\*" fields 2. Then click Register | Information Message popup "New Staff has been successfully be registered" after few seconce the system will rediret to Staff ptofile page |  |
|  | **Change Password** |  |  |  |
| AM019 | Change Password | 1. User Clicks on the change password option which is located at the top right found on the users registered name. | Forget pasword user landing page |  |
| AM020 | Change Password | 1. Pasword field is empty 2. Guest clicked on Register | The reset password button is unclick able. |  |
| AM021 | Change Password | 1. Guest Filled in, correct values in the password fields 2. Then click Register | The text fields are filled correctly. The password is changed successfully and returns the user to the login option |  |
| AM022 | Change Password | 1. User inputs the wrong password on the old password text field. | The reset password button is unclick able. |  |
| AM023 | Change Password | 1. User inputs unmatching passwords for the new password 2. | The reset password button is unclickable. |  |
|  | **Login Using Facebook** |  |  |  |
| AM0024 | Login Landing page, user acessing the login page | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox Login Using Facebook,Twitter or Google Plus |  |
| AM0025 | Login Using Facebook | E-U Clicks on the Login with Facebook Button Option | The Bsms system doesn't display any results |  |
| AM0026 | Login Using Twitter | E-U Clicks on the Login with Twitter Button Option | The Bsms system doesn't display any results |  |
| AM0027 | Login Using Google Plus | E-U Clicks on the Login with Google Plus Button Option | The Bsms system doesn't display any results |  |
| AM0028 | Go to DashBoard | 1. Admin Logins in the bsms | The Bsms homepage landing page is shown | *AM001* |
| AM0029 | Go to DashBoard | 1. Admin clicks on the Go to the DashBoard Button on the top right of the bsms webpage | The Bsms displays the dashboard landing page with the Admin Board options: Category Genre Staff Books Pending Books Logout and Preview Guest Button |  |
| AM0030 | Preview Guest | 1. Admin Logins in into the bsms webpage | The Bsms homepage landing page is shown | *AM001* |
| AM0031 | Preview Guest | 1. Admin clicks on the Preview Guest Button on the down left of the bsms webpage | The Bsms displays the guest home Landing page | *AM002* |

## Producer Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
|  | **Category** |  |  |  |
| PM001 | Producer Landing page, user acessing the category page **Precondion:** The Homepage screen is displayed first | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox | *AM001* |
| PM002 | Add producer landing page | 1. Staff user clicks on the add button from the producer dashboard. | Add producer landing page is shown with three text fields and One add button.  1. producer Name Text Field 2. producer address Text Field 3. producer contact Text Field 4. producer email Text Field 4. Add Category Button | PM001 |
| PM003 | Add producer | 1. Leave producer name field empty 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the create Button | bsms display an error popup message "producer name field is required" | PM002 |
| PM004 | Add producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email as empty 4. Click on the create Button | bsms display an error popup message "Producer Email field is required" | PM002 |
| PM005 | Add producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email "textgmail.com" 4. Click on the create Button | bsms display an error popup message "Invalid Email Format" | PM002 |
| PM006 | Add producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email "text@gmailcom" 4. Click on the create Button | An Error messages pops up "User is required to fill all fields". | PM002 |
| PM007 | Add producer | 1. staff user fills in the text fields correctly. 2. Clicks on the Add producer Button | 1.Add Producer was succesful 2. page returns back to the producer landing page | PM002 |
|  | **Edit Producer** |  |  |  |
| PM008 | Edit producer landing page | 1. admin user clicks on the Edit button from the producer dashboard from any of the list items | Add producer landing page is shown with four text fields and One add button, with preloaded data.  1. producer Name Text Field 2. producer address Text Field 3. producer contact Text Field 4. producer email Text Field 4. Add Category Button | PM001 |
| PM009 | Edit producer | 1. Leave producer name field empty 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | bsms display an error popup message "Producer name field is required" | PM001 |
| PM010 | Edit producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email as empty 4. Click on the Update Button | bsms display an error popup message "Email field is required" | PM001 |
| PM011 | Edit producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test.com" 4. Click on the Update Button | bsms display an error popup message "invalid Email Format" | PM001 |
| PM012 | Edit producer | 1. Leave producer name "ASUS" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test@testcom" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM013 | Edit producer | 1. Fill producer name with numbers "123" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM014 | Edit producer | 1. Fill producer name with symbols "@#" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM015 | Edit producer | 1. Fill producer name with symbols and numbers"@#123" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM016 | Edit producer | 1. Fill producer name with symbols and letters"@#abc" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM017 | Edit producer | 1. Fill producer name with Numbers and letters"123abc" 2. Fill in producer address as "Test Address" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page | PM002 |
| PM018 | Edit producer | 1. Fill producer name as "Asus" 2. Fill in producer address with random numbers "439056" 3. Fill in producer email as "test101@email.com" 4. Click on the Update Button | 1. Update Producer was succesful 2. page returns back to the Producer landing page |  |
|  | **Detail Producer** |  |  |  |
| PM019 | Detail Producer landing page | 1. Admin user clicks on the Detail button from the Producer dashboard. | Detail producer landing page is shown with four Labels and an Edit and Back to list Button.  1. Name Label 2. Address Label 3. Contact Label 4. Email Label 5. Edit Button 6. Back to list Button | CM001 |
| PM020 | Detail Producer | Admin clicks on the Edit button | The page returns to Edit landing page | CM001 |
| PM021 | Detail Producer | Admin clicks on Back to List Button | The page returns to Producer landing page | CM001 |
|  | **Delete Producer** |  |  |  |
| PM022 | Delete Producer | 1. Admin user click on the delete icon from any list of item in the producer page | Delete confirmation popup with two buttons : 1. "Yes! Delete it" button 2. "Cancel" button | CM001 |
| PM023 | Confirm Delete producer | 1. Admin user click yes on the confirmation popup message | producer will be immidiatly remove from the producer list page |  |
| PM024 | Confirm Delete producer | 1. Admin user click cancel on the confirmation popup message | bsms return to the list producer page without removing any producer from the list. |  |

## System Search

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SS001 | System Search Landing page | E-U clicks on the text box of the search button. | The search box is activated for search Displays a list of books below the textbook you can  click and search | *AM001* |
| SS002 | System Search | User Checks for cursor on the search text box in the starting  postition | The text box displays a cursor at the starting position |  |
| SS003 | System Search | 1. User leaves the textbox empty 2. Clicks on the Search button | No results is diplayed |  |
| SS004 | System Search | 1. User Enters a single letter "D" in the textbox. 2. Clicks on the Search button | No results is diplayed |  |
| SS005 | System Search | 1. User inputs a word "Action" in the Search textbox 2. Clicks on the Search Button | 1. The system displays a page with two results |  |
| SS006 | System Search | 1. User inputs a word "Action" and checks for the response time 2. clicks on the search button | 1. The system displays a page with two results  Batman Deathstroke and The second generation killer 2. No response time is displayed |  |
| SS007 | System Search | 1. User inputs numbers in the Search textbox "123". 2. clicks on the search button | 1. No results is displayed. |  |
| SS008 | System Search | 1. User inputs symbols in the Search textbox "@$" 2. Clicks on the search button | 1. No results is displayed. |  |
| SS009 | System Search | 1. User input invalid text in the searchbox "kjhfdhf" 2. clicks on the search button | 1. No results is displayed. |  |
| SS010 | System Search | 1. User enters text with the combination of Capital and small letters "ACtion" 2. Clicks on the search button | The system displays two books |  |
| SS011 | System Search | 1. User inputs a combination of letters and numbers in the textbox. "123ga" 2. clicks on the search button | 1. No results is displayed. |  |
| SS012 | System Search | 1. User inputs a combination of letters and symbols in the textbox. "abc**@#**" 2. clicks on the search button | 1. No results is displayed. |  |
| SS013 | System Search | 1. User inputs a combination of Symbols and numbers in the textbox. "#$123" 2. clicks on the search button | 1. No results is displayed. |  |
| SS014 | System Search | 1. User clicks on the spacebar button. 2. Clicks on the Search button | 1. Another page is displayed with a list of books |  |
| SS015 | System Search | 1. User Clicks on the spacebar key before inputing any letters in the textbox " \_Action" 2. Clicks on the Search button | 1. A web page is displayed with books under the Action cartegory |  |
| SS016 | System Search | 1. User clicks on the Spacebar button twice and then inputs letters afterwards in the searchbox "Action". 2. Clicks on the Search button | 1. No results is displayed. |  |
| SS017 | System Search | 1. User inputs a text into the Searchbox "Action". 2. Clicks on the Enter key instead of Search button | 1. The system displays all books under the Action Cartegory |  |
| SS018 | Advanced System Search | 1. User leaves the textbox empty 2. Clicks on the Advanced Search button | 1. The Advanced Search Landing page is shown with to texts field and search button: 1. Name Text field 2. ISBN number text field 3 .Search Button |  |
| SS019 | Advanced System Search | 1. User Enters a single letter "D" in the textbox. 2. Clicks on the Advanced Search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS020 | Advanced System Search | 1. User inputs a word "Action" in the Search textbox 2. Clicks on the Advanced Search Button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS021 | Advanced System Search | 1. User inputs a word "Action" in the Search textbox 2. Clicks on the Advanced Search Button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS022 | Advanced System Search | 1. User inputs numbers in the Search textbox "123". 2. clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS023 | Advanced System Search | 1. User inputs symbols in the Search textbox "@$" 2. Clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS024 | Advanced System Search | 1. User input invalid text in the searchbox "kjhfdhf" 2. clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS025 | Advanced System Search | 1. User enters text with the combination of Capital and small letters "ACtion" 2. Clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
|  | Advanced System Search | 1. User clicks on the spacebar button. 2. Clicks on the Advanced Search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS026 | Advanced System Search | 1. User inputs a combination of letters and numbers in the textbox. "123ga" 2. clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS027 | Advanced System Search | 1. User inputs a combination of letters and symbols in the textbox. "abc@#" 2. clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS028 | Advanced System Search | 1. User inputs a combination of Symbols and numbers in the textbox. "#$123" 2. clicks on the Advanced search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS029 | Advanced System Search | 1. User Clicks on the spacebar key before inputing any letters in the textbox " \_Action" 2. Clicks on the Advanced Search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS030 | Advanced System Search | 1. User clicks on the Spacebar button twice and then inputs letters afterwards in the searchbox "\_ \_Action". 2. Clicks on the Advanced Search button | 1. The system displays the Advanced Search Landing page with Name text field, ISBN Number text field and Search button |  |
| SS031 | Advanced System Search | 1. User leaves the Name text field empty 2. User leaves the ISBN Number text field empty 3. Clicks the Search button | No results is diplayed |  |
| SS032 | Advanced System Search | 1. User fills the Name text field empty 2. User leaves the ISBN Number text field empty 3. Clicks the Search button | No results is diplayed |  |
| SS033 | Advanced System Search | 1. User leaves the Name text field empty 2. User fills the ISBN Number text field empty 3. Clicks the Search button | No results is diplayed |  |
| SS034 | Advanced System Search | 1. User fills the Name text field correctly 2. User fills the ISBN Number correctly 3. Clicks the Search button | No results is diplayed |  |
| SS035 | Advanced System Search | 1. User leaves the Name text field empty 2. User fills the ISBN Number text field empty 3. Clicks the Search button | The system displays a web page with the corresponding input of the search |  |
| SS036 | Advanced System Search | 1. User fills the Name text field with numbers "1234" 2. User fills the ISBN Number text field with letters "abc" 3. Clicks the Search button | No results is diplayed |  |
| SS037 | Advanced System Search | 1. User fills the Name text field with symbols 2. User fills the ISBN Number text field with symbols 3. Clicks the Search button | No results is diplayed |  |

## Category Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
|  | **Category** |  |  |  |
| CM001 | Category Landing page, user acessing the category page **Precondion:** The Homepage screen is displayed first | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox | *AM001* |
| CM002 | Add category landing page | 1. admin user clicks on the add button from the category dashboard. | Add category landing page is shown with three text fields and One add button.  1. Category Name Text Field 2. Category Description Text Field 3. Category Key Text Field 4. Add Category Button | CM001 |
| CM003 | Add category | 1. Leave category description field empty 2. Fill in category name as "Test Category" 3. Fill in category key as "test101" 4. Click on the Add Category Button | bsms display an error popup message "Category Description field is required" | CM002 |
| CM004 | Add category | 1. Fill category description field as "Thriller" 2. Leave category name field empty 3. Fill in category key as "test101" 4. Click on the Add Category Button | bsms display an error popup message "Category name field is required" | CM002 |
| CM005 | Add category | 1. Fill category description field as "Thriller" 2. Fill category name as "Test Category" 3. Leave category key field empty 4. Click on the Add Category Button | bsms display an error popup message "Category key field is required" | CM002 |
| CM006 | Add category | 1. Leave all the text fields empty 2. Click on the Add Category Button | An Error messages pops up "User is required to fill all fields". | CM002 |
| CM007 | Add category | 1. Admin fills in the text fields correctly. 2. Clicks on the Add Category Button | 1.Add category was succesful 2. page returns back to the category landing page | CM002 |
|  | **Edit category** |  |  |  |
| CM008 | Edit category landing page | 1. admin user clicks on the Edit button from the category dashboard. | Edit category landing page is shown with three text fields and One add button.  1. Category Name Text Field 2. Category Description Text Field 3. Category Key Text Field 4. Update Category Button | CM001 |
| CM009 | Edit category | 1. Leave category description field empty 2. Fill in category name as "Test Category" 3. Fill in category key as "test101" 4. Click on the Update Category Button | bsms display an error popup message "Category Description field is required" | CM001 |
| CM010 | Edit category | 1. Fill category description field as "Thriller" 2. Leave category name field empty 3. Fill in category key as "test101" 4. Click on the Update Category Button | bsms display an error popup message "Category name field is required" | CM001 |
| CM011 | Edit category | 1. Fill category description field as "Thriller" 2. Fill category name as "Test Category" 3. Leave category key field empty 4. Click on the Add Category Button | bsms display an error popup message "Category key field is required" | CM001 |
| CM012 | Edit category | 1. Change the category description field. 2. Leave the category name field empty. 3. Leave the category key field empty. 4. Click on the Update Category | An Error message pops up"Please fill in the required fields" | CM002 |
| CM013 | Edit category | 1. Leave the category description field empty 2. Change the category name field from"Thriller to Drama". 3. Leave the category key field empty. 4. Click on the Update Category | An Error message pops up"Please fill in the required fields" | CM002 |
| CM014 | Edit category | 1. Leave the category description field empty 2. Leave the category name field empty 3. Change the category key field from "Thriller to Drama". 4. Click on the Update Category | An Error message pops up"Please fill in the required fields" | CM002 |
| CM015 | Edit category | 1. Leave all the text fields empty. 2. Click on the Update category | An Error message pops up"Please fill in the required fields" | CM002 |
| CM016 | Edit category | 1. Admin fills all the text fields correctly. 2. Clicks Update Category | 1. Update category was succesful 2. page returns back to the category landing page | CM002 |
|  | Detail Category |  |  |  |
|  | Detail category landing page | 1. admin user clicks on the Detail button from the category dashboard. | Detail category landing page is shown with four Labels and an Edit and Back to list Button.  1. Name Label 2. Description Label 3. Refrence\_Key Label 4. Category\_Thumbnail Label 5. Edit Button 6. Back to List Button | CM001 |
| CM018 | Detail category | Admin clicks on the Edit button | The page returns to Edit landing page | CM001 |
| CM019 | Detail category | Admin clicks on Back to List Button | The page returns to Category landing page | CM001 |
| CM020 | Delete category | 1. Admin user click on the delete icon from any list of item in the category page | Delete confirmation popup with two buttons : 1. "Yes! Delete it" button 2. "Cancel" button | CM001 |
| CM021 | Confirm Delete category | 1. Admin user click yes on the confirmation popup message | category will be immidiatly remove from the category list page | CM020 |
| CM022 | Cancel Delete category | 1. Admin user click cancel on the confirmation popup message | bsms return to the list category page without removing any category from the list. | CM020 |

## Genre Management

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** | **Result** | **Test date** | **Note** |
|  | **Genre Management** |  |  |  |  |  |  |
| GM001 | Genre Landing page, user acessing the genre page Precondion: The Homepage screen is displayed first | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox | *AM001* | Untesed |  |  |
| GM002 | Add Genre Landing Page | 1. admin user clicks on the add button from the category dashboard. | Add Genre landing page is shown with three text fields and One add button.  1. Genre Name Text Field 2. Genre Description Text Field 3. Genre Key Text Field 4. Add Category Button | GM001 | Untesed |  |  |
| GM003 | Add Genre | 1. Leave Genre name field empty 2. Fill in Genre description as "Scaring" 3. Fill in Genre key as "Mystery" 4. Click on the Add Genre Button | 1. An error message pops up "Please fill out this field" | GM001 | Untesed |  |  |
| GM004 | Add Genre | 1. Fill in Genre name as "Mystery" 2. Leave the Genre description field empty  3. Fill in Genre key as "Mystery" 4. Click on the Add Genre Button | 1. An error message pops up "Please fill out this field" |  |  |  |  |
| GM005 | Add Genre | 1. Fill in Genre name as "Mystery" 2. Fill in the Genre description as "Scaring"  3. Leave the Genre key field empty 4. Click on the Add Genre Button | 1. An error message pops up "Please fill out this field" |  |  |  |  |
| GM006 | Add Genre | 1. Fill the Genre field with a mixture of numbers,letters and symbols. 2. Fill the Genre description  3. Fill the Genre key. 4. Click on the Add Genre Button | bsms displays an error message "An error occurred while processing your request" |  |  |  |  |
| GM007 | Add Genre | 1. E-U leaves all the text fields empty. 2. Clicks on the Add Button | bsms displays an error message "An error occurred while processing your request" |  |  |  |  |
| GM008 | Add Genre | 1.E-U fills all the text fields correctly. 2. Clicks on the Add Genre Button | 1. Add Genre was succesful 2. page returns back to the Genre landing page |  |  |  |  |
|  | **Edit Genre** |  |  |  |  |  |  |
| GM009 | Edit category landing page | 1. Admin user clicks on the Edit button from the Genre dashboard. | Edit Genre landing page is shown with three text fields and One Save button.  1. Genre Name Text Field 2. Genre Description Text Field 3. Genre Key Text Field 4. Save Button |  |  |  |  |
| GM010 | Edit Genre | 1. Leave Genre Name field empty 2. Fill in Genre description field as "Scaring" 3. Fill in Genre key as "Mystery" 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM011 | Edit Genre | 1. Fill the Genre Name field as "Mystery" 2. Leave the Genre description field empty 3. Fill in Genre key as "Mystery" 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM012 | Edit Genre | 1. Fill the Genre Name field as "Mystery" 2. Fill the description field as "Scaring" 3. Leave the Genre key field empty 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM013 | Edit Genre | 1. Change the Genre Name field from"Mystery" to "Adventure" 2. Leave the Genre description field empty. 3. Leave the Genre key field empty. 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM014 | Edit Genre | 1. Leave the Genre Name empty 2. Change the Genre description from "Scaring" to "Thrilling" 3. Leave the Genre key field empty. 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM015 | Edit Genre | 1. Leave the Genre Name empty 2. Leave the Genre description field empty 3. Change the Genre key from "Mystery" to "Adventure" 4. Click on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM016 | Edit Genre | 1. E-U leaves all the text fields empty. 2. Clicks on the Save Button | An Error message is displayed "Please fill out this field" |  |  |  |  |
| GM017 | Edit Genre | 1.E-U fills all the text fields correctly. 2. Clicks on the Save Genre Button | 1. Edit Genre was succesful 2. page returns back to the Genre landing page |  |  |  |  |
|  | **Detail Genre** |  |  |  |  |  |  |
| GM018 | Detail Genre landing page | 1. Admin user clicks on the Detail button from the Genre dashboard. | Detail Genre landing page is shown with three Labels and an Edit and Back to list Button.  1. Name Label 2. Description Label 3. Refrence\_Key Label 4. Edit Button 5. Back to List Button |  |  |  |  |
| GM019 | Detail Genre | Admin clicks on the Edit button | The page returns to Edit landing page |  |  |  |  |
| GM020 | Detail Genre | Admin clicks on the back to the list Button | The page returns to Genre landing page |  |  |  |  |
| GM021 | Delete Genre | 1. Admin user click on the delete icon from any list of item in the Genre page | Delete confirmation popup with two buttons : 1. "Yes! Delete it" button 2. "Cancel" button |  |  |  |  |
| GM022 | Confirm Delete Genre | 1. Admin user click yes on the confirmation popup message | Genre will be immidiatly remove from the genre list page |  |  |  |  |
| GM023 | Confirm Delete Genre | 1. Admin user click cancel on the confirmation popup message | bsms return to the list Genre page without removing any category from the list. |  |  |  |  |

## Author Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
|  | **Author Management** |  |  |  |
| AM001 | Author Landing page, user acessing the category page | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox | *AM001* |
| AM002 | Author Management | 1. E-U clicks on the Author Icon located on the the top left of the bsms web page | Author landing page is displayed with the list of the authors registered with an Add to cart button and Books by this author button |  |
| AM003 | Author Management | 1. User clicks on a Registered Author Icon | 1. The bsms system displays another page with the Authors details: -Name -Alias Name -Biography |  |
| AM004 | Author Management | 1. User Clicks on the Add to cart button on the Authors Avatar | 1.The bsms webpage remains the same 2. Nothing is added to the cart |  |
| AM005 | Author Management | 1. User Clicks on the Books by this Author button on the Authors Avatar | 1. The bsms system displays another page with the Authors details: -Name -Alias Name -Biography |  |
| AM006 | Add Author landing page | 1. Staff user clicks on the add button from the Author dashboard. | Add Author landing page is shown with Seven text fields and One Add button.  1. First Name Text Field 2. Last Name Text Field 3. Middle Name Text Field 4. Biography Text Field 5. Alias Name Text Field 6. Photo Field  7. Add New Author Button | AM001 |
| AM007 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the First name text field empty eg: 1. First Name:  2. Last Name: Dekker  3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM002 |
| AM008 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the Last name text field empty eg: 1. First Name: Ted 2. Last Name:  3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM003 |
| AM009 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the Middle name text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name:  4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM004 |
| AM010 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the Biography text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography:  5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM005 |
| AM011 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the Alias name text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name:  6. Photo: jpg  2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM006 |
| AM012 | Add Author | 1.Admin user insert correctly all data's as required by the system but leaves the Photo field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name:  4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo:   2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM007 |
| AM013 | Add Author | 1.Admin Leaves all the fields empty eg: 1. First Name:  2. Last Name:  3. Middle Name:  4. Biography:  5. Alias Name:  6. Photo:   2. Clicks on Add New Author Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM008 |
| AM014 | Add Author | 1.Admin user insert correctly all data's as required by the system. eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Add New Author Button | Author is added succesfully and bsms returns to the Author landing page | AM009 |
|  | **Edit Author** |  |  |  |
| AM015 | Edit Author landing page | 1. Staff user clicks on the Edit button from the Author dashboard from any of the list of Authors | Edit Author landing page is shown with Seven text fields and One Save button.  1. First Name Text Field 2. Last Name Text Field 3. Middle Name Text Field 4. Biography Text Field 5. Alias Name Text Field 6. Photo Field  7. Save Button | AM001 |
| AM016 | Edit Author | Staff edits the information in the first name text field  eg: 1. First Name: Peter 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Save Button | Edit Author information was successful and bsms returns to the Author landing page | AM002 |
| AM017 | Edit Author | Staff edits the information in the Last name text field  eg: 1. First Name: Peter 2. Last Name: 0928127 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Save Button | Edit Author information was successful and bsms returns to the Author landing page | AM003 |
| AM018 | Edit Author | Staff edits the information in the Middle name text field  eg: 1. First Name: Peter 2. Last Name: 0928127 3. Middle Name: Tuan 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Save Button | Edit Author information was successful and bsms returns to the Author landing page | AM004 |
| AM019 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the First name text field empty eg: 1. First Name:  2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM005 |
| AM020 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the Last name text field empty eg: 1. First Name: Ted 2. Last Name:  3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker 6. Photo: jpg  2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM006 |
| AM021 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the Middle name text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name:  4. Biography: Christian Writer 5. Alias Name: Ted John Dekker 6. Photo: jpg  2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM007 |
| AM022 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the Biography text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography:  5. Alias Name: Ted 6. Photo: jpg  2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM008 |
| AM023 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the Alias Name text field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name:  6. Photo: jpg  2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM009 |
| AM024 | Edit Author | 1.Admin user insert correctly all data's as required by the system but leaves the Photo field empty eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker  6. Photo:   2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM010 |
| AM025 | Edit Author | 1.Admin user leaves all the text fields empty eg: 1. First Name:  2. Last Name:  3. Middle Name:  4. Biography:  5. Alias Name:  6. Photo:   2. Clicks on Save Button | Error popup message is shown to the incocking staff saying "Fill out this field" | AM011 |
| AM026 | Edit Author | 1.Admin user insert correctly all data's as required by the system  eg: 1. First Name: Ted 2. Last Name: Dekker 3. Middle Name: John 4. Biography: Christian Writer 5. Alias Name: Ted J Dekker  6. Photo: jpg  2. Clicks on Save Button | The Author's profile is succssfully Edited and bsms returns to the Author landing page. | AM012 |
|  | **Detail Author** |  |  |  |
| AM027 | Detail Author landing page | 1. Staff user clicks on the Detail button from the Author dashboard. | Detail Author landing page is shown with the Author's information an Edit and Back to list Button.  1. Edit Button 2. Back to list Button | AM002 |
| AM028 | Detail Author | Staff clicks on the Edit button | The page returns to Edit Author landing page | AM001 |
| AM029 | Detail Author | Staff clicks on Back to List Button | The page returns to the Author landing page | AM002 |
| AM030 | Delete Author | 1.Staff user click on the delete icon from any list of item in the Author page | Delete confirmation popup with two buttons : 1. "Yes! Delete it" button 2. "Cancel" button | AM001 |
| AM031 | Confirm Delete Author | 1. Staff user click yes on the confirmation popup message | Author will be immidiatly remove from the Author list page |  |
| AM032 | Confirm Delete Author | 1. Staff user click cancel on the confirmation popup message | bsms return to the list Author page without removing any Author from the list. |  |

## Staff Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
| **SM001** | **Staff** |  |  |  |
| SM001 | Staff Landing page, user acessing the staff page **Precondion:** The Homepage screen is displayed first | Fire up the browser and input in the address bar BSMS web domain name "http://www.bsms.webazurewebsites.net" | Login page with 3 fields  1. Username/Email Field 2. Password Field 3. Remember Me checkbox | *AM001* |
| SM002 | Add Staff landing page | 1. Admin user clicks on the add button from the Staff dashboard. | Add staff landing page is shown with eight text fields and One create button.  1. Username Text Field 2. Passwordhash Text Field 3. Firstname Text Field 4. Lastname Text field 5. Middlename Text field 6. Thumbnail\_path Text Field 7. Email Text Field 8. Rolleid Text Field  Create Button | CM001 |
| SM003 | Add Staff | 1. Leave Username text field empty 2. Fill in passwordhash text field as "" 3. Fill in the firstname text field 4. Fill in the lastname text field 5. Fill in the middlename text field  6. Fill in the Thumbnail\_path text field  7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM004 | Add Staff | 1. Fill in the Username text field 2. Leave the passwordhash text empty 3. Fill in the firstname text field 4. Fill in the lastname text field 5. Fill in the middlename text field  6. Fill in the Thumbnail\_path text field  7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM005 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Leave the firstname text field empty 4. Fill in the lastname text field 5. Fill in the middlename text field  6. Fill in the Thumbnail\_path text field  7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM006 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Fill thefirstname text field  4. Leave the lastname text empty 5. Fill in the middlename text field  6. Fill in the Thumbnail\_path text field  7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM007 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Fill thefirstname text field  4. Fill the lastname text field 5. Leave the middlename field empty  6. Fill in the Thumbnail\_path text field  7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM008 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Fill thefirstname text field  4. Fill the lastname text field 5. Fill the middlename field  6. Leave the Thumbnail\_path empty 7. Fill the Email text field  8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM009 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Fill thefirstname text field  4. Fill the lastname text field 5. Fill the middlename field  6. Fill the Thumbnail\_path field 7. Leave the Email text field empty 8. Fill in the Rolleid  9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM010 | Add Staff | 1. Fill in the Username text field 2. Fill thepasswordhash text field 3. Fill thefirstname text field  4. Fill the lastname text field 5. Fill the middlename field  6. Fill the Thumbnail\_path text field  7. Fill the Email text field  8. Leave the Rolleid text field empty 9. Click on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM011 | Add Staff | 1. E-U leaves all the text fields empty 2. Clicks on the Create Button | bsms display an Resgistration Error Message "Fields are hightly required" | CM002 |
| SM012 | Add Staff | 1. E-U fills all the text fields correctly. 2. Clicks on the Create Button | 1.Add Staff was succesful 2.page returns back to the Staff landing page | CM002 |

## Profile Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
|  | **Profile Management** |  |  |  |
| PM001 | Verify view my prfoile | E-U clicks on the view profile icon on the top right of the navigation bar | Profile landing page is shown with five text fields and an Update Profile Button.  1. UserName text field 2. FirstName text field 3. LastName text field 4. MiddleName text field 5. Email text 6. Update Profile Button | *AM001* |
| PM002 | Edit Profile | 1. Leave the Username text field empty 2. Fill in the Firstname field as "Anh" 3. Fill in Lastname field as "Nam" 4. Fill in Middle name field as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" | PM001 |
| PM003 | Edit Profile | 1. Fill in the Username text field as "AnhNam" 2. Leave the Firstname field empty 3. Fill in Lastname as "Nam" 4. Fill in Middle name as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" | PM001 |
| PM004 | Edit Profile | 1. Fill in the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Leave the Lastname field empty 4. Fill in Middle name field as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM005 | Edit Profile | 1. Fill in the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Leave the Middle name field empty 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM006 | Edit Profile | 1. Fill in the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field as "Tu" 5. Leave the email text field empty 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM007 | Edit Profile | 1. Fill the Username text field with numbers only 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM008 | Edit Profile | 1. Fill the Username text field as "AnhNam" 2. Fill in the Firstname field with numbers or symbols 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM009 | Edit Profile | 1. Fill the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field with numbers or symbols 4. Fill in the Middle Name field as "Tu" 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM010 | Edit Profile | 1. Fill the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field with numbers or symbols 5. Fill in the email text field as "kandayeshua@yahoo.com" 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM011 | Edit Profile | 1. Fill the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field as "Tu" 5. Fill the email text field with an invalid email adress 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM012 | Edit Profile | 1. Fill the Username text field as "AnhNam" 2. Fill in the Firstname field as "Anh" 3. Fill in the Lastname field as "Nam" 4. Fill in the Middle Name field as "Tu" 5. Fill the email text field with an incorrect email address 6. Click on the Update Profile Button. | bsms displays an error message "An error occurred while processing your request" |  |
| PM013 | Edit Profile | 1. E-U leaves all the text fields empty. 2. Clicks on the Update Profile Button | bsms displays an error message "User is required to fill text fields" |  |
| PM014 | Edit Profile | 1.E-U fills all the text fields correctly. 2. Clicks on the Update Profile Button | 1. Update profile was successful. 2. Page returns to the homapage landing page |  |

## Wishlist Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wish-list Management**ID** | **Test Case Description** | **Test Case Procedure** | **Expected Output** | **Inter-test case Dependence** |
| WM001 | Add to wishlist | 1. E-U navigates to the Book list page or home page.  2. Hover on any book from the book list or home page  3. Click on the Favorite icon that popup on the item. | Pop up message saying "Wishlist Operation Completed" and wishlist count menu increase by 1 | *AM001* |
| WM002 | Add to wishlist - Abnormal Case | 1. E-U navigates to the Book list page or home page.  2. Hover on any book from the book list or home page  3. Click on the Favorite icon that popup on the item. | Pop up message saying "Wishlist Operation Completed" and wishlist count menu increase remain the same | *WM001* |
| WM003 | Wishlist Dashboard | E-U click on the wishlist menu from his dashboard navigation bar | BSMS displays to E-U wishlist page, where all favorite book are shown | *WM002* |
| WM004 | Delete WishList | 1. Hover on any book from the Wishlist page  2. Click on the delete icon that popup on the item. | Confirm delete popup message is shown with message "Are you sure you want to remove this book from wishlist?" Alongside with two buttons   1. Delete Button 2. Cancel Button | *WM003* |
| WM005 | Confirm Delete WishList | 1. E-U clicked on the Delete button from the popup | Popup is closed and book will be immediately removed from the list | *WM004* |
| WM006 | Cancel Delete WishList | 1. E-U clicked on the cancel button from the popup | Popup is closed and no changes is made to the list | *WM004* |
|  | **Like Books** |  |  |  |
| LB001 | Like Books | 1. E-U navigates to the Book list page or home page.  2. Hover on any book from the book list or home page  3. Click on the Like icon that popup on the item. | Pop up message saying "Like Succesfully Added click again to unlike" | *Am001* |
| LB002 | Remove-Like Books | 1. E-U navigates to the Book list page or home page.  2. Hover on any book from the book list or home page  3. Click on the Like icon that popup on the item. | Pop up message saying "Like Succesfully Removed click again to like" | *Am002* |