**ISM 4432 and 6145 – SOFTWARE TESTING**

**SPRING SEMESTER 2022**

# TESTING ASSIGNMENT 4 – Due: April 16, 2022

*Automated Software Testing*

Test Case Report

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | April 16, 2022 | **System Date, if applicable:** |  |
| **Tester:** | Mandie Livingston | **Test Case Number:** | MSL4\_001 |
| **Test Case Description:** | Correctly fail sign on | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** |  |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Sign on of the Mercury Tours web site | | |
| **Roles and Responsibilities:** | To test if a user is properly notified when the incorrect credentials are used | | |
| **Set Up Procedures:** | Open web browser to <https://demo.guru99.com/test/newtours> and make sure it is online | | |
| **Stop Procedures:** | n/a | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | macOS Big Sur 11.6.5 | | |
| **Software:** | Chrome browser Version 100.0.4896.127 (Official Build) (x86\_64)  Selenium IDE Version 3.17.2 | | |
| **Procedural Requirements:** | Selenium IDE launched | | |
| **TEST** | | | |
| **Test Items and Features:** | Verify the presence of an error message on a failed sign on attempt | | |
| **Input Specifications:** | Username: username\_11  Password: password\_11 | | |
| **Procedural Steps:** | Launch Chrome and navigate to <https://demo.guru99.com/test/newtours>  Click on the SIGNON link in the navigation bar  Once the page <https://demo.guru99.com/test/newtours/login.php> has loaded  Enter the username and password as defined in the Input Specification  Click SUBMIT | | |
| **Expected Results of Case:** | An error message lets the user know that their sign on attempt has failed | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** | The error message “Enter your userName and password correct” is presented to the user on the screen after clearing the username and password fields | | |

Graphical user interface, text, application

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Test Case Report

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | April 16, 2022 | **System Date, if applicable:** | N/A |
| **Tester:** | Mandie Livingston | **Test Case Number:** | MSL4\_002 |
| **Test Case Description:** | Successfully register an account | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** | N/A |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Account registration | | |
| **Roles and Responsibilities:** | To test registering an account | | |
| **Set Up Procedures:** | Open web browser to <https://demo.guru99.com/test/newtours> and make sure it is online | | |
| **Stop Procedures:** | n/a | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | macOS Big Sur 11.6.5 | | |
| **Software:** | Chrome browser Version 100.0.4896.127 (Official Build) (x86\_64)  Selenium IDE Version 3.17.2 | | |
| **Procedural Requirements:** | Selenium IDE launched | | |
| **TEST** | | | |
| **Test Items and Features:** | To verify a user can register an account successfully | | |
| **Input Specifications:** | First name: test\_first\_name\_1  Last name: test\_last\_name\_1  Username: username\_1  Password: password\_1 | | |
| **Procedural Steps:** | Launch Chrome and navigate to <https://demo.guru99.com/test/newtours>  Click on the SIGNON link in the navigation bar  Once the page <https://demo.guru99.com/test/newtours/register.php> has loaded  Populate the form as defined in the Input Specification  Click SUBMIT | | |
| **Expected Results of Case:** | A successful registration message | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** | **Dear test\_first\_name\_1 test\_last\_name\_1,**  Thank you for registering. You may now [sign-in](https://demo.guru99.com/test/newtours/login.php)using the user name and password you've just entered.  **Note: Your user name is username\_1.** | | |

Graphical user interface, text, application, email

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Test Case Report

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | April 16, 2022 | **System Date, if applicable:** | N/A |
| **Tester:** | Mandie Livingston | **Test Case Number:** | MSL4\_003 |
| **Test Case Description:** | Sign on successfully | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** | N/A |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Sign on of the Mercury Tours web site | | |
| **Roles and Responsibilities:** | To test if a user can sign on with known good credentials | | |
| **Set Up Procedures:** | Open web browser to <https://demo.guru99.com/test/newtours> and make sure it is online | | |
| **Stop Procedures:** | n/a | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | macOS Big Sur 11.6.5 | | |
| **Software:** | Chrome browser Version 100.0.4896.127 (Official Build) (x86\_64)  Selenium IDE Version 3.17.2 | | |
| **Procedural Requirements:** | Selenium IDE launched | | |
| **TEST** | | | |
| **Test Items and Features:** | Verify a user can sign on successfully | | |
| **Input Specifications:** | Username: username\_1  Password: password\_1 | | |
| **Procedural Steps:** | Launch Chrome and navigate to <https://demo.guru99.com/test/newtours>  Click on the SIGNON link in the navigation bar  Once the page <https://demo.guru99.com/test/newtours/login.php> has loaded  Enter the username and password as defined in the Input Specification  Click SUBMIT | | |
| **Expected Results of Case:** | The user signs on successfully | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** | Login Successfully  Thank you for Loggin. | | |

Graphical user interface, text, application

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Test Case Report

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | April 16, 2022 | **System Date, if applicable:** | N/A |
| **Tester:** | Mandie Livingston | **Test Case Number:** | MSL4\_004 |
| **Test Case Description:** | Min boundary testing the registration form fields. | | |
| **Results:** | Pass Fail  Though the test passed it shouldn’t have and I am calling this a fail. | **Incident Number, if applicable:** | N/A |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Registration form of the Mercury Tours web site | | |
| **Roles and Responsibilities:** | To test if a user can successfully register an account without entering any data | | |
| **Set Up Procedures:** | Open web browser to <https://demo.guru99.com/test/newtours> and make sure it is online | | |
| **Stop Procedures:** | n/a | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | macOS Big Sur 11.6.5 | | |
| **Software:** | Chrome browser Version 100.0.4896.127 (Official Build) (x86\_64)  Selenium IDE Version 3.17.2 | | |
| **Procedural Requirements:** | Selenium IDE launched | | |
| **TEST** | | | |
| **Test Items and Features:** | Verify the user can register a new account successfully | | |
| **Input Specifications:** | No input | | |
| **Procedural Steps:** | Launch Chrome and navigate to <https://demo.guru99.com/test/newtours>  Click on the REGISTER link in the navigation bar  Once the page <https://demo.guru99.com/test/newtours/register.php> has loaded  Click SUBMIT | | |
| **Expected Results of Case:** | I would expect this test to fail as nothing is being submitted for the username and password, but it successfully registers an account with no first name, last name, or username. | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** | Dear ,  Thank you for registering. You may now sign-in using the user name and password you've just entered.  Note: Your user name is . | | |

Graphical user interface, text, application

Description automatically generated

Test Case Report

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | April 16, 2022 | **System Date, if applicable:** | N/A |
| **Tester:** | Mandie Livingston | **Test Case Number:** | MSL4\_005 |
| **Test Case Description:** | Max boundary testing the registration form fields. | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** | N/A |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Registration form of the Mercury Tours web site | | |
| **Roles and Responsibilities:** | To test if a user can successfully register an account with the maximum length fields as defined by the input control settings | | |
| **Set Up Procedures:** | Open web browser to https://demo.guru99.com/test/newtours/register.php | | |
| **Stop Procedures:** | n/a | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | macOS Big Sur 11.6.5 | | |
| **Software:** | Chrome browser Version 100.0.4896.127 (Official Build) (x86\_64)  Selenium IDE Version 3.17.2 | | |
| **Procedural Requirements:** | Selenium IDE launched | | |
| **TEST** | | | |
| **Test Items and Features:** | Verify the user can register a new account successfully | | |
| **Input Specifications:** | First Name: FIRSTxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60  Last Name: LASTxxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60  Username: USERNAME10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60  Password: a | | |
| **Procedural Steps:** | Launch Chrome and navigate to <https://demo.guru99.com/test/newtours>  Click on the REGISTER link in the navigation bar  Once the page <https://demo.guru99.com/test/newtours/register.php> has loaded  Populate the form with the provided input specifications leaving blank the fields not specifically mentioned  Click SUBMIT | | |
| **Expected Results of Case:** | The First Name, Last Name, and Usernames are displayed on the <https://demo.guru99.com/test/newtours/register_sucess.php> page as they were entered in the registration form | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** | Dear FIRSTxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50 LASTxxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50,  Thank you for registering. You may now sign-in using the user name and password you've just entered.  Note: Your user name is USERNAME10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50. | | |

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DEFECT REPORTING FORM

**DEFECT ID: MSL4D\_001**

**TITLE: Able to register account without data COMPONENT: Registration**

**REPORTED BY: Mandie Livingston SUBCOMPONENT:**

**REPORTED ON: 4/16/22 VERSION:**

**PLATFORM: macOS RESOLUTION PRIORITY: P1**

**OPERATING SYSTEM: Big Sur 11.6.5 RESOLUTION SEVERITY: S1**

**RELATED TEST CASE IDS: MSL4\_004 CONSISTENCY: Regular**

**DEFECT SUMMARY:**

**Users can successfully register accounts without supplying a username and password**

**STEPS TO REPRODUCE:**

**Navigate to page** [**https://demo.guru99.com/test/newtours/register.php**](https://demo.guru99.com/test/newtours/register.php)

**Do not fill in the form**

**Click the Submit button**

**COMMENTS:**

**Accounts should not be able to be created without providing a username and password**

**ATTACHMENTS:**

1. Graphical user interface, website

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**For evaluators use only**

**DEFECT STATUS: \_\_\_\_\_\_\_\_\_APPROVED \_\_\_\_\_\_\_\_\_ REJECTED**

**REASON:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DEFECT REPORTING FORM

**DEFECT ID: MSL4D\_002**

**TITLE: Fields accept more characters than they save COMPONENT: Registration**

**REPORTED BY: Mandie Livingston SUBCOMPONENT:**

**REPORTED ON: 4/16/22 VERSION:**

**PLATFORM: macOS RESOLUTION PRIORITY: P1**

**OPERATING SYSTEM: Big Sur 11.6.5 RESOLUTION SEVERITY: S1**

**RELATED TEST CASE IDS: MSL4\_005 CONSISTENCY: Regular**

**DEFECT SUMMARY:**

**Three fields on the registration form (First name, Last name, and Username) accept 60 characters but only save 50.**

**STEPS TO REPRODUCE:**

**Navigate to** [**https://demo.guru99.com/test/newtours/register.php**](https://demo.guru99.com/test/newtours/register.php)

**Populate the following fields with the following data:**

**First Name: FIRSTxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60**

**Last Name: LASTxxxx10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60**

**Username: USERNAME10xxxxxxxx20xxxxxxxx30xxxxxxxx40xxxxxxxx50xxxxxxxx60**

**Click submit**

**Notice on the** [**https://demo.guru99.com/test/newtours/register\_sucess.php**](https://demo.guru99.com/test/newtours/register_sucess.php) **page that the First Name, Last Name, and Username values displayed to the user are only 50 characters long.**

**COMMENTS:**

**Because the only fields that can be verified on the register\_success.php page are First Name, Last Name, and Username I decided that I would only be able to reliably test and verify those fields.**

**ATTACHMENTS:**

1. Graphical user interface, text, application, email

Description automatically generated

2.

**For evaluators use only**

**DEFECT STATUS: \_\_\_\_\_\_\_\_\_APPROVED \_\_\_\_\_\_\_\_\_ REJECTED**

**REASON:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_