**ISM6145.300S22– SOFTWARE TESTING**

**SPRING SEMESTER 2022**

# TESTING ASSIGNMENT 4 – Due: April 16, 2022

*Automated Software Testing*

By Rujuta Hanmantrao Thorat (U98391236)

The submission is not taking a zip file. Therefore, I am attaching the .side and ZIP files here





1. Find Flight - Back to Browser Button signs out

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | 4/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 78 |
| **Test Case Description:** | When you click find flights with appropriate information, you land result page with flights.  Now if you want to go back and you click “back to browser” button, you should not get signed out of the website. | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** |  |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Registration on website | | |
| **Roles and Responsibilities:** |  | | |
| **Set Up Procedures:** | 1. open the link to be tested (<http://demo.guru99.com/test/newtours/>) 2. type user username 3. type your password 4. click submit button to sign in   5) click the flight link on left hand side  6) click Departing From field  7) select Departing From city  8) click on Arriving In field  9) select Arriving In city  10) click "Returning" field  11) select appropriate "Returning" date  12) click on continue button  13) click "Back to Browser" button | | |
| **Stop Procedures:** |  | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | Computer | | |
| **Software:** | Selenium | | |
| **Procedural Requirements:** |  | | |
| **TEST** | | | |
| **Test Items and Features:** |  | | |
| **Input Specifications:** |  | | |
| **Procedural Steps:** |  | | |
| **Expected Results of Case:** | Back to browser button should not log out | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** |  | | |

DEFECT REPORTING FORM

**DEFECT ID:** Button\_12

**TITLE: Back to Browser button COMPONENT:**

**REPORTED BY: Rujuta Thorat SUBCOMPONENT:**

**REPORTED ON: 04/16/2022 VERSION:**

**PLATFORM: window computer/selenium RESOLUTION PRIORITY:**

**OPERATING SYSTEM: window RESOLUTION SEVERITY:**

**RELATED TEST CASE IDS: CONSISTENCY:**

**DEFECT SUMMARY:**

When you click find flights with appropriate information, you land result page with flights.

Now if you want to go back and you click “back to browser” button, you should not get signed out of the website.

**STEPS TO REPRODUCE:**

**1) open the link to be tested (http://demo.guru99.com/test/newtours/)**

**2) type user username**

**3) type your password**

**4) click submit button to sign in**

**5) click the flight link on left hand side**

**6) click Departing From field**

**7) select Departing From city**

**8) click on Arriving In field**

**9) select Arriving In city**

**10) click "Returning" field**

**11) select appropriate "Returning" date**

**12) click on continue button**

**13) click "Back to Browser" button**

**COMMENTS:**

**ATTACHMENTS:**

1.

2.

**For evaluators use only**

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

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

1. **Find Flight – Invalid dates**

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | 04/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 42 |
| **Test Case Description:** | Find Flight – Invalid dates  While find flight, if we select departure date (September 12, 2022) later than the arriving date (June 12, 2022), the page should give error | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** | 56 |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** | Your should have registered to the website | | |
| **Roles and Responsibilities:** |  | | |
| **Set Up Procedures:** | 1. open the link to be tested (<http://demo.guru99.com/test/newtours/>) 2. click sign on link 3. type your valid username 4. type your valid password 5. click submit button 6. click the flight link on left hand side 7. click Departing From field 8. select "Departing From" city 9. click "on" field 10. select departure month "September" 11. click "arriving in" field 12. select "arriving in" city as Paris 13. click "returning" date field 14. select "returning" date as June 15. click continue 16. close the window | | |
| **Stop Procedures:** |  | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** |  | | |
| **Software:** |  | | |
| **Procedural Requirements:** |  | | |
| **TEST** | | | |
| **Test Items and Features:** |  | | |
| **Input Specifications:** |  | | |
| **Procedural Steps:** |  | | |
| **Expected Results of Case:** | If travels are invalid, user should get error. | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** |  | | |

DEFECT REPORTING FORM

**DEFECT ID:** InvalidDate\_12

**TITLE: Find Flights with invalid date COMPONENT:**

**REPORTED BY: Rujuta Thorat SUBCOMPONENT:**

**REPORTED ON: 04/16/2022 VERSION:**

**PLATFORM: window computer/selenium RESOLUTION PRIORITY:**

**OPERATING SYSTEM: window RESOLUTION SEVERITY:**

**RELATED TEST CASE IDS: CONSISTENCY:**

**DEFECT SUMMARY:**

Find Flight – Invalid dates

While find flight, if we select departure date (September 12, 2022) later than the arriving date (June 12, 2022), the page should give error

**STEPS TO REPRODUCE:**

**1) open the link to be tested (http://demo.guru99.com/test/newtours/)**

**2) click sign on link**

**3) type your valid username**

**4) type your valid password**

**5) click submit button**

**6) click the flight link on left hand side**

**7) click Departing From field**

**8) select "Departing From" city**

**9) click "on" field**

**10) select departure month "September"**

**11) click "arriving in" field**

**12) select "arriving in" city as Paris**

**13) click "returning" date field**

**14) select "returning" date as June**

**15) click continue**

**16) close the window**

**COMMENTS:**

**ATTACHMENTS:**

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**For evaluators use only**

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

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

1. Invalid Login

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | 04/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 321 |
| **Test Case Description:** | Login with invalid username/password should throw error. | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** | Reg\_12 |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** |  | | |
| **Roles and Responsibilities:** |  | | |
| **Set Up Procedures:** | 1. Open the testing website 2. Click on Sign on button 3. Click on username field 4. Enter invalid username 5. Click on password field 6. Enter invalid password 7. Click submit button 8. Close the window | | |
| **Stop Procedures:** |  | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | Computer | | |
| **Software:** | Selenium | | |
| **Procedural Requirements:** |  | | |
| **TEST** | | | |
| **Test Items and Features:** |  | | |
| **Input Specifications:** |  | | |
| **Procedural Steps:** |  | | |
| **Expected Results of Case:** | User should get invalid username/ password error | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** |  | | |

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Successful Valid Login

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | 04/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 765 |
| **Test Case Description:** | Login with valid username/password should successfully let the user log in | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** |  |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** |  | | |
| **Roles and Responsibilities:** |  | | |
| **Set Up Procedures:** | 1. Open the testing website 2. Click on Sign on button 3. Click on username field 4. Enter valid username 5. Click on password field 6. Enter valid password 7. Click submit button 8. Close the window | | |
| **Stop Procedures:** |  | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | Computer | | |
| **Software:** | Selenium | | |
| **Procedural Requirements:** |  | | |
| **TEST** | | | |
| **Test Items and Features:** |  | | |
| **Input Specifications:** |  | | |
| **Procedural Steps:** |  | | |
| **Expected Results of Case:** | User should get logged in successfully | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** |  | | |

1. Valid Registration

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| **GENERAL INFORMATION** | | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | | |
| **Test Date:** | 04/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 10 |
| **Test Case Description:** | As user tries to register and inputs all valid information, users gets successfully registered. | | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** |  |
| **INTRODUCTION** | | | | |
| **Requirement(s) to be tested:** |  | | | |
| **Roles and Responsibilities:** |  | | | |
| **Set Up Procedures:** | 1. Open the testing website 2. Click on register button 3. Enters firstname 4. Enters lastname 5. Enters phone number 6. Enters email address 7. Enters address 8. Enters username 9. Enters password 10. Confirms password 11. Click submit button | | | |
| **Stop Procedures:** |  | | | |
| **ENVIRONMENTAL NEEDS** | | | | |
| **Hardware:** | Computer | | | |
| **Software:** | Selenium | | | |
| **Procedural Requirements:** |  | | | |
| **TEST** | | | | |
| **Test Items and Features:** |  | | | |
| **Input Specifications:** |  | | | |
| **Procedural Steps:** |  | | | |
| **Expected Results of Case:** | User should be registered successfully | | | |
| **ACTUAL RESULTS** | | | | |
| **Output Specifications:** |  | | | |

1. Blank login

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| **GENERAL INFORMATION** | | | |
| **Test Stage:** | Unit Functionality Integration System Interface  Performance Regression Acceptance Pilot  **Functionality and unit test code** | | |
| **Test Date:** | 04/16/2022 | **System Date, if applicable:** |  |
| **Tester:** | Rujuta Thorat | **Test Case Number:** | 20 |
| **Test Case Description:** | If user does not enter user name and field in sign in pages, and still tries to click submit button. User should get an error stating “enter username and password” | | |
| **Results:** | Pass Fail | **Incident Number, if applicable:** |  |
| **INTRODUCTION** | | | |
| **Requirement(s) to be tested:** |  | | |
| **Roles and Responsibilities:** |  | | |
| **Set Up Procedures:** | 1. Open the testing website 2. Click on sign on button 3. Keep username and password blank 4. Click submit button 5. User gets logged in successfully | | |
| **Stop Procedures:** |  | | |
| **ENVIRONMENTAL NEEDS** | | | |
| **Hardware:** | Computer | | |
| **Software:** | Selenium | | |
| **Procedural Requirements:** |  | | |
| **TEST** | | | |
| **Test Items and Features:** |  | | |
| **Input Specifications:** |  | | |
| **Procedural Steps:** |  | | |
| **Expected Results of Case:** | If user does not enter user name and field in sign in pages, and still tries to click submit button. User should get an error stating “enter username and password” | | |
| **ACTUAL RESULTS** | | | |
| **Output Specifications:** |  | | |

DEFECT REPORTING FORM

**DEFECT ID:** BlankLogin12

**TITLE: Blank login COMPONENT:**

**REPORTED BY: Rujuta Thorat SUBCOMPONENT:**

**REPORTED ON: 04/16/2022 VERSION:**

**PLATFORM: window computer/selenium RESOLUTION PRIORITY:**

**OPERATING SYSTEM: window RESOLUTION SEVERITY:**

**RELATED TEST CASE IDS: CONSISTENCY:**

**DEFECT SUMMARY:**

If user does not enter user name and field in sign in pages, and still tries to click submit button. User should get an error stating “enter username and password”

**STEPS TO REPRODUCE:**

**1)** Open the testing website

2) Click on sign on button

3) Keep username and password blank

4) Click submit button

5) User gets logged in successfully

**COMMENTS:**

**ATTACHMENTS:**

1.

2.

**For evaluators use only**

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

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