CS352 Software Engineering II

Sprint 5 – Project test report

By

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**Unit test cases:**

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| --- | --- |
| Test Case ID | TC01 |
| Test Scenario | Check Customer Login with invalid Data |
| Tested class | UserService |
| Tested method | authticateUser(String username, String password) |
| Test Data | Username = guru99, Password = pass99 |
| Expected Results | Returns null |
| Actual Results | Threw exception |
| Pass/Fail | Failed |
| Analysis | The test fails because the username has numerical characters, which cause an exception when … etc. |

**E2E test cases:**

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| --- | --- |
| Test Case ID | TC01 |
| Test Scenario | Add brand and category exist |
| Test Steps | 1. Go to site http://localhost:8383/login 2. Enter Username 3. Enter Password 4. Click Submit 5. Enter Brand 6. Enter Category 7. Enter same Brand (Brand2) 8. Enter same Category (cayegory2) |
| Test Data | Username = admin2, Password = 12345678, Brand=brand22,category=category22,brand2=brand22,category2=category22 |
| Expected Results | One brand should be add |
| Actual Results | One Brand added |
| Pass/Fail | passed |
| Analysis | ….. |

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| --- | --- |
| Test Case ID | TC02 |
| Test Scenario | Press button back from homepage |
| Test Steps | 1. Go to site http://localhost:8383/login 2. Enter Username 3. Enter Password 4. Click Submit 5. Enter back button |
| Test Data | Username = admin2, Password=12345678 |
| Expected Results | Not go back Remains in same page |
| Actual Results | Go back to login page |
| Pass/Fail | failed |
| Analysis | There are no restrictions that prevent him from doing it |

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| --- | --- |
| Test Case ID | TC03 |
| Test Scenario | Registration test with no account type |
| Test Steps | 1. Go to site http://localhost:8383/Registration 2. Enter Username 3. Enter Email 4. Enter Password 5. Click Submit |
| Test Data | Username = hosamreda, Password=12345678,email=hosam@yahoo.com |
| Expected Results | Error message |
| Actual Results | Whitelabel Error Page |
| Pass/Fail | failed |
| Analysis | No validation to make user should be enter account type |

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| --- | --- |
| Test Case ID | TC04 |
| Test Scenario | Add Product to store |
| Test Steps | 1. Go to site http://localhost:8383/login 2. Enter Username 3. Enter Password 4. Click login 5. Click add product to store 6. Enter quantity 7. Enter price 8. Click submit |
| Test Data | Username = 321, Password=12345678, quantity = 132,price= 12345678987654321, price= -120, quantity=-12 |
| Expected Results | Accept , reject |
| Actual Results | Code crash, reject |
| Pass/Fail | Failed, Failed |
| Analysis | No handling for large number |

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| --- | --- |
| Test Case ID | TC05 |
| Test Scenario | Delete Product from store |
| Test Steps | 1. Go to site http://localhost:8383/login 2. Enter Username 3. Enter Password 4. Click login 5. Click add product to store 6. select first product 7. click delete |
| Test Data | Username = 321, Password=12345678 |
| Expected Results | Delete product |
| Actual Results | Delete product |
| Pass/Fail | passed |
| Analysis | …….. |

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| --- | --- |
| Test Case ID | TC06 |
| Test Scenario | Edit Product in Store |
| Test Steps | 1. Go to site http://localhost:8383/login 2. Enter Username 3. Enter Password 4. Click login 5. Click add product to store 6. select first product 7. click delete |
| Test Data | Username = 321, Password=12345678  -quantity = 132,price= 12345678987654321  -quantity = 120,price= 12  -quantity = -120,price= -12 |
| Expected Results | Updated, Updated, not Updated |
| Actual Results | Updated, not updated, updated |
| Pass/Fail | Passed, failed, failed |
| Analysis | …….. |

**Summary:**

**Total unit test cases: 25**

**Total E2E test cases: 7**

**Total: 32**

**Failed test cases: 15**

**Failed test cases list:**

* TC01
* TC02
* TC06
* …
* …