**Test Specification**

E2E Testing for demoblaze

Test Execution Run: 5 Days (11/13 - 11/17)

1. Objective

To outline a test strategy on executing an end to end process based on the user journey including but not limited to functional testing

1. Test Scope
   1. Sign up and log in
   2. Add Card Functionality
   3. Purchased Item
2. Test Environment
   1. Hardware: PC Ryzen 5 16Gb
   2. Software: Windows 10
   3. Browser: Google chrome Version 119.0.6045.124 (Official Build) (64-bit)
   4. ISP: 500mbps
3. Test Levels
   1. Unit Testing
   2. Integration Testing
   3. System Testing
4. Test case

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| --- | --- | --- | --- | --- |
| TC# | Test Case Description | Pre requisite | Test Steps | Expected |
| 0.001 | Verify that user is able sign up |  | 1.Navigate to <https://www.demoblaze.com/index.html>  2. Click sign up on header  3. Insert string on user name  4. Insert string on password  5. Click signup | Sig up successful modal should initiate |
| 0.002 | Verify that user is able to log in | Should have an already signed up test data | 1.Navigate to <https://www.demoblaze.com/index.html>  2. Click log in on header  3. On user name field enter valid credentials 4. On password field enter valid credentials  5. Click log in | - User status should be authenticated  -User should be able to see their user name on the header |
| 0.003 | Verify that user is able to put item(s) on a cart |  | 1.Click an Item  2.Click add to cart  3. Click cart on the header | Items added on the cart should be present on the cart page |
| 0.004 | Verify that the total number on the cart is correct | Should have multiple items added to cart | 1. Click cart on the header 2. Observe if all items were added on the cart | All added items on the cart should be present on the cart page |
| 0.005 | Verify that the total price on the cart is correct | Should have multiple items added to cart | 1. Click cart on the header 2. Observe the integer value under total | The total price should be equal to the sum of all the item on the cart |
| 0.006 | Verify that user is able to make a purchase | Should have items on the cart | 1. Click cart on the header  2. Click Place order  3. Insert string on name field  4. Insert string on country  5. Insert string on credit city  6. Insert valid card number on card field  7. Insert valid month exp on month field  8. Insert valid year on year field  9. Click purchase | User should see a confirmation modal the purchased is successful with purchase details |
| 0.007 | Verify that the total amount of purchased item on the confirmation modal is accurate |  | 1.Click cart on the header  2. Click Place order  3. Insert string on name field  4. Insert string on country  5. Insert string on credit city  6. Insert valid card number on card field  7. Insert valid month exp on month field  8. Insert valid year on year field  9. Click purchase | The amount displayed on the success modal after making a purchased should be equal to the amount(s) the user purchased (can be validated on the cart before purchase) |
| 0.008 | Verify that user is able to logout | User must be log in | 1. Click log out | User should be log out |

1. Test Exit
   1. When all test case passed and no additional critical defects are found with in the test scope
2. Out of scope findings
   1. No specifications /format or limits on some fields example user can enter strings on card fields like on card number, months and year
   2. The card number is exposed on the confirmation modal after purchased
   3. No proof of receipt sent to email
   4. Unable to purchased only one or selected item(s) from the cart

Will wait for product specifications

1. Summary  
   8/8 – 100 %
   1. Verify that user is able sign up - passed
   2. Verify that user is able to log in - passed
   3. Verify that user is able to put item(s) on a cart - passed
   4. Verify that the total number on the cart is correct - passed
   5. Verify that the total price on the cart is correct - passed
   6. Verify that user is able to make a purchase - passed
   7. Verify that the total amount of purchased item on the confirmation modal is accurate - passed
   8. Verify that user is able to logout - passed