

Selenium, TestNG, Maven, MongoDB Hands-On Workshop Assessment Project

Duration: 8 hrs.

Guidelines:

- Create a Java Project in Eclipse to perform the following tasks
- Use Selenium library to automate the UI
- Use Synchronization where required
- Use MAVEN to create folder structure and resolve dependencies
- Use TestNG for creating the program flow, tests, suites and assertions
- Use Data Provider wherever necessary
- Use MongoDB to create a Database for Test Data

Test Cases to Automate:

Part A:

Test Case 1:

1. Navigate to <https://www.bigbasket.com/>
2. Select city as 'Bangalore' from the dropdown at the top of page and continue
3. Add the first product in the Best Sellers area to the Basket by clicking on the 'Add' button.
4. Assert that the 'Add' button that was clicked above is no more visible.
5. Assert that the 'My Basket' view on the top right of the webpage is updated to show '1 items'.
6. Hover over the 'My Basket' view.
7. Assert that the same product that was selected in step 2 is added.
8. Click on the 'View Basket and Checkout' button.
9. Assert that the login popup is displayed.
10. Take a screenshot of this page.
11. Close the popup. Close the driver.

Part B:

Test Data:

Product Name	Quantity
White Sandwich Bread	1
Onions	2
Amul Butter	1
Coffee	3
Marie Gold Biscuits	2
Cadbury Dairy Milk	4

Create the above Test Data as documents in the MongoDB database collection named 'products'

Test Case 2:

1. Navigate to <https://www.bigbasket.com/>
2. Select city as 'Bangalore' from the dropdown at the top of page and continue
3. Read test data from MongoDB collection 'products'
4. Search for the product using the database field 'Product Name'
5. On the results page, select the first product and add the quantity mentioned in the database field 'Quantity'
6. Assert that the above product and quantity is added to the cart / Basket.
7. Repeat the above steps for each product.

Part C:

Create a TestNG Suite for all the projects / tests that you have created so far:

1. Flipkart workflow
2. Clear trip OR Automation Practice workflow
3. Big Basket Workflow
4. Run the Suite together and Save the HTML Result