UrbanLadder – PL1

Pre-requisite:

As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency not downloaded properly:

1. Right-click on the project: Go to “Maven” and select “Update Project”



1. In Update Maven Project Box Select “Force Update of Snapshots/Releases” and click OK



Template Code Structure:

1. Below are the packages and files you will be required to work on.
2. Other Files and packages you can ignore.
3. In other Files and packages do not make any changes. It would affect your evaluation.
4. You are not required to work in the “Test” Folder. The files there are non-editable. Editing those files and trying to save them will throw errors and affect your evaluation.

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| **Package** | **Class/File** | **Description** |
| src/main/java/coreUtilities/utils/ | FileOperations.java | 1. Contains methods to read from excel file. 2. Method is in templated form. 3. **You will be required to implement these methods as very first activity, because even URL to navigate to, is read using these methods.** |
| /src/main/java/pages | FooterPage.java  HomePage.java  SearchPage.java  SignupPage.java | 1. All core activities (mentioned in list above) to be performed here. 2. The comments associated with each templated method here describe the expectation. 3. You can define locators and xpath here. 4. Declare any variable/object you need to share data/status between different methods. 5. Do not modify the signature of methods declared here. 6. You can create additional supportive common methods. |
| /src/main/resources/ | Config.xlsx | URL to navigate to. Already URL is defined here |
|  | expected\_data.xlsx | Contains data to fill in form |
|  | testng\_1.xml | Execution needs to kick started from TestRunner.java |

PROBLEM STATEMENT:

We need to automate the following activities using Java + Cucumber.

Key Activities to implement:

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| **Sl No.** | **Summary** | **Action** | **Expected Result** |
| **1** | Verify that the homepage loads successfully. | 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.Then The page title should contain "Urban Ladder". | Title should be : **Urban Ladder** |
| **2** | Verify user can sign up successfully | 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.When Hover on the profile icon  3.And Click on the Sign Up button  4.And Complete the signup process with any email and password.  5.Then Verify My Account is visible | Verify My Account is visible |
| **3** | Verify the search functionality with a valid product | **Pre Condition : User should be logged in**  1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.When I search for "Sofa" from search bar  3.Then The search results should display items related to "Sofa" | Verify the search results should display items related to "Sofa" |
| **4** | Verify that a product can be added to the wishlist. | **Pre Condition : User should be logged in** 1.Given I search for "Table" from search bar  2.When Add the first product in the search results to the wishlist.  3.Then The product should be added to the wishlist successfully. | Verify the product should be added to the wishlist successfully. |
| **5** | Verify that the product details page opens. | **Pre Condition : User should be logged in** 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.When I search for "Chairs" from search bar  3.When Click on view product button from the search results  4.Then The product details page should open with the correct product information | Verify the product details page should open with the correct product information |
| **6** | Verify that price filters work correctly. | **Pre Condition : User should be logged in** 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.When I search for "Sofa" from search bar  3.When Apply a price filter  4.Then All displayed products should fall within the selected price range | Verify all displayed products should fall within the selected price range |
| **7** | Verify product details in the wishlist. | **Pre Condition : User should be logged in** 1.Given I search for "Table" from search bar **https://www.urbanladder.com/**  2.When Add the first product in the search results to the wishlist.  3.Then Verify the product details in wishlist Page | Verify the product details in wishlist Page |
| **8** | Verify product can be added to compare section. | **Pre Condition : User should be logged in** 1.Given I search for "Dining" from search bar  2.When Add the first product to compare section  3.Then Verify the product is added to product compare section | Verify the product is added to product compare section |
| **9** | Verify the functionality of footer links. | 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2When Click on the Contact Us link in the footer  3.Then The Contact Us page should open with relevant information | Verify the Contact Us page should open with relevant information |
| **10** | Verify user can LOG OUT successfully | 1.Given I am on the homepage of Urban Ladder **https://www.urbanladder.com/**  2.When Hover on the profile icon  3.And Click on the Sign Up button  4.And Complete the signup process with email and password "Testing1!"  5.Then Verify My Account is visible  6.And Click on logout button  7.Then Verify Login button is visible | Verify user is logged out successfully. |

NOTE: “Please do not delete any file in the src folder.  But you are free to add any other file".

Expectations:

1. Learners should write automation script using Java and selenium to automate all the steps in the above question. In other words, automation script should perform all mentioned steps.
2. Learners should not use any tools to create the xpath. They should develop the xpath/cssselector on their own.

IMPLEMENTATION/FUNCTIONAL REQUIREMENT

* 1. **CODE QUALITY/OPTIMIZATIONS**
     1. Associates should have written clean code that is readable.
     2. Associates need to follow SOLID programming principles.

# EXECUTION STEPS TO FOLLOW:

# **You are required to run test cases for applications before final submission, without which project evaluation will not happen.**

1. **You can launch test cases any time as follows:** 
   1. **Go to / <root folder> /testng\_1.xml**
   2. **Right-click on testng\_1.xml and run TestNGSuite**

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1. **Before final submission, you must also push your code to GIT. Following are the steps to follow:**

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In your project folder, you will find a batch file named git\_commands

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Double-click the batch file to run it. It will run the commands to push your code to GIT.

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All the Best