



Assignment Task: Selenium Advanced

Test Scenario

1. Navigate to <https://www.lambdatest.com/>.
2. Perform an explicit wait till the time all the elements in the DOM are available.
3. Scroll to the WebElement '**SEE ALL INTEGRATIONS**' using the `scrollIntoView()` method. You are free to use any of the available web locators (e.g., XPath, CssSelector, etc.)
4. Click on the link and ensure that it opens in a new Tab.
5. Save the window handles in a List (or array). Print the window handles of the opened windows (now there are two windows open).
6. Verify whether the URL is the same as the [expected URL](#) (if not, throw an Assert).
7. On that page, scroll to the page where the WebElement (Codeless Automation) is present.
8. Click the '**LEARN MORE**' link for Testing Whiz. The page should open in the same window.
9. Check if the title of the page is '**TestingWhiz Integration | LambdaTest**'.

If not, raise an Assert.

10. Close the current window using the window handle [which we obtained in step (5)]

11. Print the current window count.

12. On the current window, set the URL to

<https://www.lambdatest.com/blog>.

13. Click on the '**Community**' link and verify whether the URL is

<https://community.lambdatest.com/>.

14. Close the current browser window.

Execution

The test scenarios should be demonstrated on the following combinations of browsers and platforms (using Selenium 4 Grid and programming language of your choice):

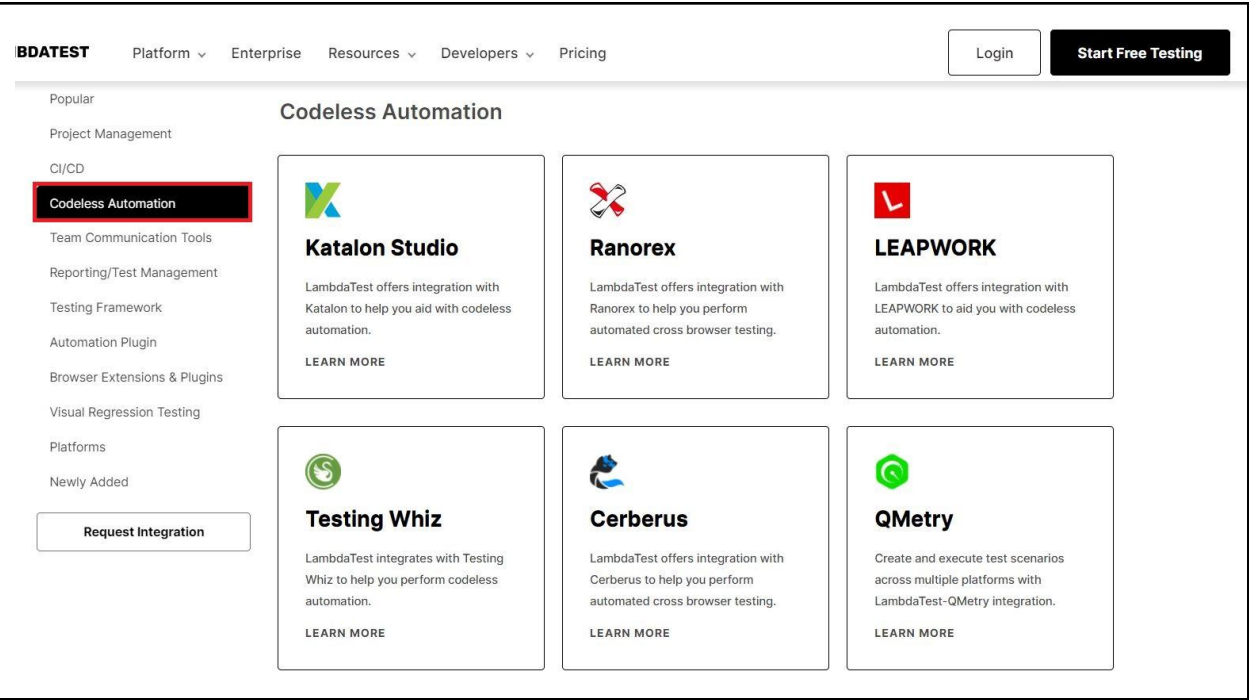
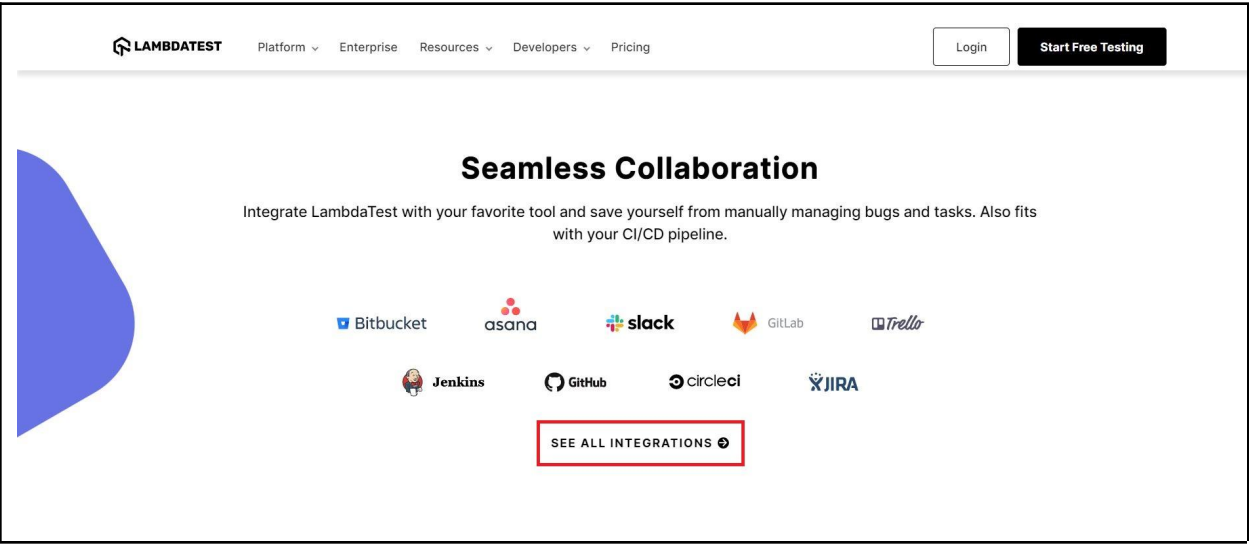
1. Chrome + 86.0 + Windows 10 (Test Scenario 1)

2. Microsoft Edge + 87.0 + macOS Sierra (Test Scenario 2)

Important Notes

1. You can submit the solution using **any programming language** and **framework** of your choice. However, it is recommended to use the latest version of the framework.
2. If you are using Java and TestNG, then pass the browser and OS combinations to the test scenario(s) from **testng.xml (for Java)**. You could also hard code the browser and OS combination in the implementation.
3. Timeout of the test duration should be set to 20 seconds (for both the test scenarios). Parallelism should be at the Class Level (i.e., both the tests should be executing in parallel on LambdaTest).
4. Please ensure to use at least 3 different locators while performing the test.
5. Please ensure that network logs, video recording, screenshots, and console logs are enabled in all the test runs. Please refer to the [Capability Generator](#) for desired capabilities.
6. Refer to the detailed instructions appended below for submission guidelines

Reference Images



Important Instructions

1. You can submit the solution using **any programming language** and **framework** of your choice. We advise you to keep it as simple and as lean as possible.
2. You must run the test on **LambdaTest Cloud Selenium Grid** in **parallel** and mention the final **Test ID(s)** while submitting.
3. Submit the assignment task via [Gitpod](#) and make sure you have the `.gitpod.yml` file configured on [GitHub Repository](#). Please ensure that you attach a detailed `README.md` file along with your GitHub repository. This should include the instructions to run the test on the Gitpod dev environment. Learn more about [configuring your single-click Gitpod dev environment](#).
4. Please ensure that it is a **Private Repository** shared with **'LambdaTest-Certifications'** or **admin@lambdatestcertifications.com**.
5. Ensure that network logs, video recording, screenshots, & console logs are enabled through the [desired capabilities generator](#).
6. You are required to submit the final solution within **48 hours** of the deadline.

Setting up your LambdaTest account & running your first test

1. Ensure that you register for your [LambdaTest Account](#) with the same email address used to register for the certification and to appear for the objective test.

2. The free account comes with 15 days of automation trial access that allows 100 minutes of automation testing.
3. If you have used the automation minutes or have exceeded the allotted trial access time, you can get a 24-hour or more trial access window by contacting LambdaTest support. You can contact LambdaTest support from our in-app chat support or by dropping an email at support@lambdatest.com. You can also drop your request at admin@lambdatestcertifications.com.
4. You can also refer to our [support docs](#) to get started with Automation testing on the LambdaTest platform.

