

Test Innovation Practice Service (TIPS)

An opportunity for the candidate to show case their technical skills and demonstrate understanding of the test automation process.

Assessment Overview

You must deliver a working Test Framework using a Java / C# programming language latest version using IntelliJ community version IDE (other IDE – candidate choice), Selenium and Cucumber/SpecFlow. All apps pages should be in the page object model and use PageFactory to initialise the object.

Aim for best practices, including the use of a page object model and if you feel that there may be ‘tech debt’ and future improvements, mention them in your readme.txt.

Your test framework should provide a report.

You are expected to work on this task on your own, without help or advice from others.

Create a Project Git Repository (candidates choice) which is expected to be shared at technical interview stage.

Web based application: AUT: [Home - SHOP \(polymer-project.org\)](https://polymer-project.org)

Days:

Day	Details
Day 1	Project details sent to candidate and Candidate starts working on the project
Day 1 – 2	Clarification window open (from 9AM) and closed (at 5PM)
Day 5	Technical interview day

Completion Criteria: **Framework is presented during the interview (15mins slot)**

Framework success criteria : HAPPY PATH, PURCHASE 2 ITEMS

- Add to cart one “Men’s Outwear” of your choice with Size XL and Quantity 2
- View Cart item is added successfully
- Click on Shop to go back to Home Page
- Add to cart one “Ladies Outwear” of your choice with Size XS and Quantity 3
- View Cart item is added successfully
- View the basket and confirm that the items are of the size you selected, that their prices are correct, that Total
- Change the “Ladies Outwear” selected quantity to 1 and confirm the prices is calculated correctly.
- Click on Checkout
- Complete the checkout by providing following data reading from Excel using Apache POI and Java HashMap table
 - Account Information
 - Email – abc@abc.com
 - Phone-1111111111
 - Shipping Address
 - Address- 1 abc street
 - City- abc
 - State-abc
 - Zip-123456
 - Country-Canada
 - Payment Method

Hints

Be original (do not copy)
Be innovative in your approach

TIPS Assessment [2024]

- i. Cardholder Name – ABC ABC
 - ii. Card Number - 1111111111111111
 - iii. Expiry – Feb 2026
 - iv. CVV- 123
- 10. Click on Place Order
 - 11. Confirm Thankyou Message
 - 12. Click on Finish

Push the code to master branch.