**Automation Challenge**

**Front End Testing**



Follow the instructions provided below:

1. Create a new automation project with the framework you feel more comfortable with.
2. Use POM to structure the new project.
3. Automate the given scenarios for the sample page <https://www.saucedemo.com/>​ provided:

* 1. Login with a valid user

**Expected**​: Validate the user navigates to the product’s page.

* 1. Login with an invialid user

**Expected**​: Validate error message is displayed.

* 1. Logout from product’s page

**Expected:** ​Validate the user navigates to the login page.

1. Navigate to the shopping cart

**Expected:** ​Validate the user navigates to the shopping cart page.

1. Add a single item to the shopping cart

**Expected:** ​Validate the item has been added to the shopping cart.

1. Add multiple items to the shopping cart

**Expected:** ​Validate all the items that have been added to the shopping cart.

1. Continue with missing mail information

**Expected:** ​Validate error message is displayed on the user’s information page.

1. Fill user’s information

**Expected:** ​Validate the user navigates to the overview page once the data has been filled.

1. Final order items

a. **Expected:** ​Validate items in the overview page match with the added items.

1. Complete a purchase

a. **Expected:** ​Validate the user navigates to the confirmation page.

# Bonus

This section contains some items that might be added to the automation but are not required to deliver:

* Data provider for the test data.
* Test data reporter.
* Multi-browser testing.