

Task 1: Frontend Automation

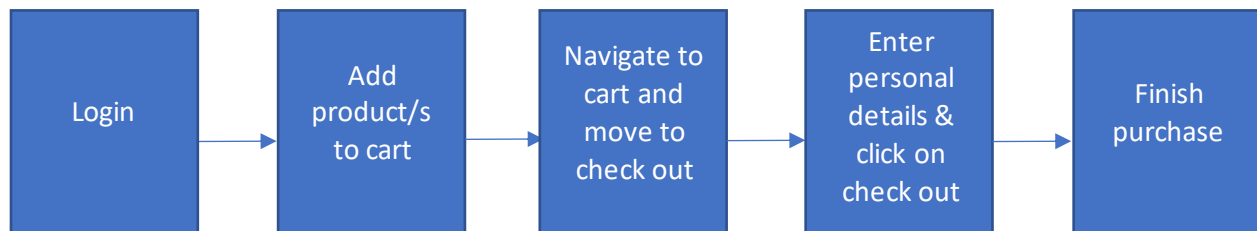
1. Automated test for an e-commerce site (pick any website)

- Website used for automation <https://www.saucedemo.com/>
- The project can be found in the assigned repository, inside the "task1" branch.
- The **README.md** file inside the repository contains essential instructions, best practices, how to run, technology used, and so on.

(Note: The Example page "<http://automationpractice.com/index.php>" has been suspended)

Test flows and test case

The High-level Automation **Test flow** of the project is described below.

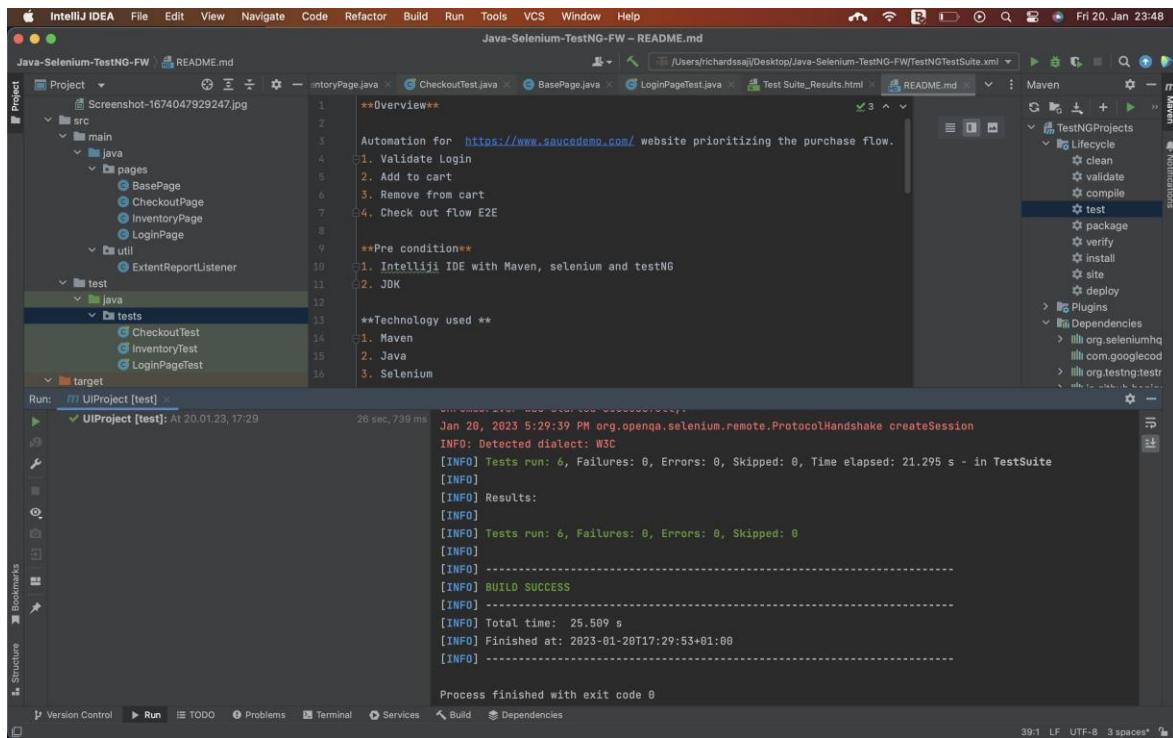


Testcases

TC-ID	Summary	Component/Section	Priority	Pre-Condition	Test Steps	Expected Result
TC - 01	Validate user login	Login	P0 - Blocker	Navigate to https://www.saucedemo.com/	1. Enter valid user details and click on "Login" 2. Enter invalid user credential and click on login	1. The user is logged in and a product page is displayed. 2. Error message should be shown
TC-02	Validate adding items to the cart and checking out	Checkout (E2E)	P0 - Blocker	1. Login to the web page with the given credential Username : standard_user	1- Navigate to the inventory page - https://www.saucedemo.com/inventory.html 2-Add any product to cart by clicking on	1- Inventory page with product details is displayed. 2- The Products are added to the cart

				Password: secret_sauce	"Add to cart" button 3-Tap on the Cart button. 4- Tap on the "Checkout" Button. 5-Enter First Name, Last Name and Postal Code and Tap on "Continue" Button. 6. Click on finish	3- Cart page is displayed 4-Checkout Information Page is displayed 5-Entered details are recorded, and user is navigated to Checkout overview page showing the purchase details 6.Purchase gets completed successfully and success message is shown
TC-03	Verify user can remove items from the cart	Shopping page	P3-Low	1.Login to the web page with the given credential Username : standard_user Password: secret_sauce	1. Navigate to the inventory page - https://www.saucedemo.com/inventory.html and click on "Add to Cart" button on any of the products 2.Click on remove button	1. The Products are gets added to the cart and the button "Add to Cart" gets changed to remove 2.The items get removed and the button gets changed to add to cart

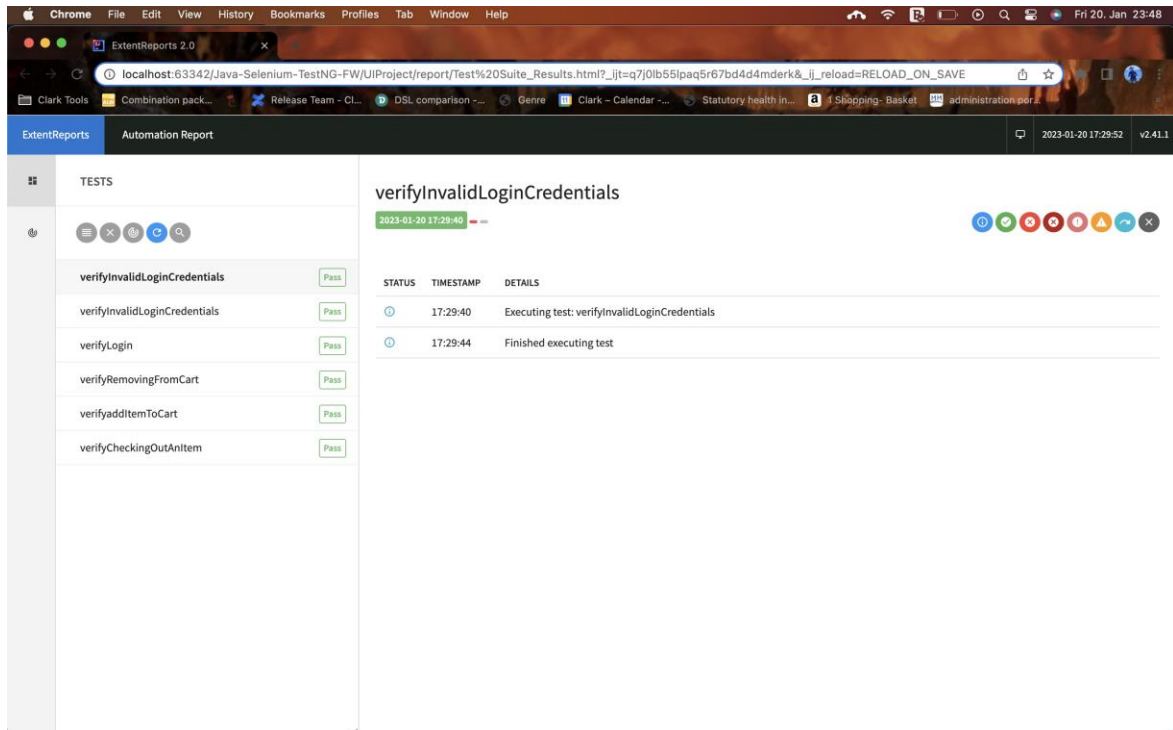
Output:



The screenshot shows the IntelliJ IDEA interface with a project named 'Java-Selenium-TestNG-FW'. The 'Run' tab is active, displaying the output of a test run. The test suite 'Test%20Suite' has passed all 6 tests. The output log shows the following details:

```
Jan 20, 2023 5:29:39 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 21.295 s - in TestSuite
[INFO] Results:
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0
[INFO] BUILD SUCCESS
[INFO] Total time: 25.509 s
[INFO] Finished at: 2023-01-20T17:29:53+01:00
[INFO] Process finished with exit code 0
```

Report:



The screenshot shows the ExtentReports 2.0 web interface. The 'Automation Report' is displayed, showing a list of tests and their results. The test 'verifyInvalidLoginCredentials' is highlighted, showing its status as 'Pass' and a timestamp of 17:29:40. The interface also includes a sidebar with navigation links and a top bar with the report title and version.

TESTS	STATUS	TIMESTAMP	DETAILS
verifyInvalidLoginCredentials	Pass	17:29:40	Executing test: verifyInvalidLoginCredentials
verifyInvalidLoginCredentials	Pass	17:29:44	Finished executing test
verifyLogin	Pass		
verifyRemovingFromCart	Pass		
verifyaddItemToCart	Pass		
verifyCheckingOutAnItem	Pass		

Report any bugs you find by writing a bug ticket

Bug ID	Summary	Priority
Bug-01	Inventory page is not working properly for certain users	Critical

Bug Ticket

- Bug ID: Bug-01
- Bug Summary: Product details page is rendered incorrectly for certain customers
- Priority: Critical
- Environment

URL	https://www.saucedemo.com
Browser used	Chrome /Edge/Mozilla
OS	macOS
Device type	Laptop

- Test Account:
 - Username: problem_user
 - Password: secret_sauce
- Description
 - Regression: No
 - Failure Rate: 100%
 - Steps to Reproduce
 - 1- Navigate to the given URL
 - 2- Login with given "Login details"
 - 3-Observe the product details page
 - 4-Click on all the add to cart button

➤ Expected Result

The product detail show be rendered without any issues.

- The correct product name, description and thumbnail should be displayed for each product.
- "Add to Cart" Button should work properly

➤ Observed Result

The product details page is not rendered properly

- The product title and description of products are not correct. All the products have the same irrelevant thumbnail displayed.
- “Add to cart” button for few products is not working.

Screenshot Attached

