

Technical Assessment

1. Introduction:

Welcome to our QA assessment! This assessment is designed to evaluate your skills in test case design, bug identification, and test automation. Please read each section carefully and complete the tasks to the best of your ability.

2. Section 1: Mobile App Bug Hunting

Task:

Install Jumia mobile app on a smartphone (**Android or IOS**) Explore the app for max 60 minutes and identify and document 5 bugs you found.

3. Section 2: Web Automation

Scenario:

The demo nopCommerce "<https://practicesoftwaretesting.com/>" site. We need to ensure the checkout process is working smoothly.

Task:

Automate the following user flow using a data-driven approach:

- Select any product and add it to the cart.
- Proceed to checkout.
- Enter shipping and billing information.
- Complete the order.

4. Section 3: API Automation

Scenario:

The ReqRes API (<https://reqres.in/>) provides endpoints for testing user creation (<https://reqres.in/api/users>).

Task:

Automate the following user creation flow using ReqRes:

- Create a JSON object containing user data.
- Send POST Request:
- Assert that the response status code is 201 (Created), indicating successful user creation.
- Validate that the response body contains the following data (**id**: A unique identifier for the newly created user, **name**: for example, "John Doe", **job**: for example, "Software Engineer").

5. Section 4: Deliverables:

- The automation can be performed using any popular test automation framework (like Selenium, Cypress, Rest assured, axios, etc.)
- The automated test script (using Page Object Model or a similar pattern).
- The test data file.
- A brief explanation of your approach and the tools used.
- GitHub Repository Link: Contains the source code (**Web & API**), and Bug report file brief documentation/readme.
- Test Report: Using Allure, Extent, or another reporting tool to show test execution results. (Bonus)