

APC Mobile QA Engineer Assessment

This assessment is composed of 2 parts, each designed to allow you to demonstrate your approach to software testing in a different context.

1. Mobile Application Testing
2. REST API **OR** Mobile Test Automation

Please complete this assignment and return part 1 to the sender within 72 hours with a link to the solution for part 2.

1. Mobile Application Testing

Install any free mobile application on an Android or iOS device and design three test cases for the application.

The test cases should include pre-conditions, test execution steps, and expected results. Try to come up with scenarios which are unique to the mobile application ecosystem - i.e. test cases which could not be executed on a web application. Include screenshots for one of the test cases which correspond to the execution steps.

2. Mobile **OR** API Test Automation

Either A:

Automate the test cases written in Part 1 using any programming language / mobile automation solution.

Or B:

Use any of the below sources to identify a publicly documented and free REST Api for which you would like to write some automated tests. POSTMAN or other REST client collections are not considered an automated solution.

Using any programming language or test framework write at least three automated test cases for the Api you have selected. Cover at least two HTTP methods and include both positive and negative test scenarios.

- <https://any-api.com/>
- <https://apistest.fun/>
- <https://github.com/public-apis/public-apis>

In either case:

Implement a simple CI/CD integration to run the tests.

Please provide a link to a repository where the implemented tests and CI file to run them exist.