

Mobile QA

The purpose of this test is to assess your mobile automation technical skills and the design of test cases. You will have 4 hours to send us your code. Choose the technology you feel comfortable with, but we strongly recommend using Java as the main programming language, cucumber and Appium as they are the technologies we are using right now, but feel free to use your favorite!

To test Zinio app you have two ways to get the application, choose one:

1. (Recommended): make it automatic. You can make some POST request to pages like <https://apkcombo.com/> to get the file for Zinio APK to use it in the test suite.
2. Install manually from play store or app store, then make Appium or software you are using to skip the installation part and directly use it in the test suite.

Requirements:

- Write a set of test cases in BDD notation, covering the Login of the application.
- Setup a suitable framework and automate some of the test cases in your plan.
- Use Cucumber/Gherkin for scenario definition.
- Use Java as programming language (preferably, but you can use another).
- Use Appium for UI interaction (preferably, but you can use another).
- Documentation: Provide instructions describing how to execute the project and set up the configurations needed.

Optional:

- Modular architecture and the use of suitable design patterns for the task. Design the project to be scalable, configurable and maintainable.

- Reports: feel free to integrate any tool to generate automatic, structured, usable and helpful reports valuable to the whole team.
- Docker: usually our tests are executed in a CI tool like Jenkins. It is highly desirable to have all the execution dockerized to make the automated suite portable.

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