

Interview Plan for QA Engineer

The interview process will have 4 parts. This will be the agenda:

1. Presentation of Programming Assignment (45 mins)
2. Discussion about Reading Assignment (45 mins)
3. Interview with Tech Team (30 mins)
4. Interview with COO

Assignment Brief

Programming Assignment

1. Sign up and play around with the following web application:
<https://app.tcloud.dev.anqlave.io>.
 - a. You can put any OTP in the verification window
 - b. Please enable developer debug mode and focus on the API's used by the application during sign up, upload, download, and delete operations
2. Present a test plan focusing on the signup, upload, download, and delete functionalities
3. Backend QA Testing
 - a. Go through the signup process and gather information about the authentication process of Treasure
 - b. Prepare a **postman** collection that will test at least 3 API endpoints of the Authentication controller: <https://app.tcloud.dev.anqlave.io/api/v1/swagger-ui/index.html?configUrl=/api/v1/v3/api-docs/swagger-config#/auth-controller>
4. Frontend QA Testing
 - a. Create a sample **automation framework using any frontend test automation tool** (e.g. Selenium, Katalon, etc.) and use it to create the test cases below.
 - b. Create sample automation test cases for sign-in/logout
 - c. Create sample automation test cases for uploading/downloading files

Reading Assignment

Read [Mega security whitepaper](#) and prepare for discussion during the interview.

Prepare to discuss the high-level idea of the paper. What problem is it trying to solve? What are the advantages and disadvantages of using their technology? What is the basic workflow of the solution?