

FullStack QA Challenges

You are requested to plan and design tests for the following requirement scope. (Please send back us your answers within 48 hours.)

- User story 1 (UI) :
As a user of CTFLearner (<https://ctflearn.com>)
I want to create a challenge
So that I can view my created challenges in My Challenge
- User story 2 (API) :
As a user of Reqres (<https://reqres.in>)
I want to view an user
So that I can update the user information.

1. Create a Test plan including test strategy to test, and define all test cases that need to coverage the requirement scope
2. Develop a simple Test framework using Java, Selenium, TestNG, Maven, POM and RestAssured:
 - a. [User story 1]:
 - Login test case will be reused for all following test cases
 - Add at least 2 test cases (positive/negative)
 - b. [User story 2]: cover endpoints Login, get a user and update a user . Refer to <https://reqres.in>
 - Gets a token from POST Login-Successful and passes it as a Bearer Token for all the 3 endpoints.
 - Add at least 3 test cases (Positive/negative) for each endpoint.
 - a. All tests should run on different environments (QA/Staging).
 - b. The framework should be reusable, scalable and easy to maintain.
 - c. Reports should be generated.
3. Write test scripts for E2E test cases
 - a. User login <https://ctflearn.com> -> Challenges: click "Create Challenge" -> Create a challenge -> open My challenge to check if the created challenge is displayed correctly -> logout
 - b. Call API login -> API get a user -> API update the user.

(*) Please manage all your answers & framework & scripts in your personal git, then just share us the link. We will request your demo if needed. Thanks!