**DESCRIPTION**:

Let's have a look at the REST API, that returns a list of posts with additional information.

[*https://jsonplaceholder.t*](https://jsonplaceholder.t)*ypicode.com/posts*

Using this API, you are able to get all posts or a particular post by its id, like: */posts/1*

**NEED TO DO:**

1. Create and automate **ALL** necessary test cases using Java, JavaScript or Python programming languages (preferably Java) for **EACH** of the following actions:

- Filtering by query parameters (like /posts?userId=1)

- Get a resource by id

- Get list of all resources

You don't need to cover cases about CREATE, UPDATE and DELETE operations in this task.

Preferable technical stack for Java:

- Testing framework: TestNG, JUnit

- Build tool: Maven, Gradle

- Assertion libraries: Hamcrest

- HTTP client: RestAssured, Retrofit

2. Describe P0 test cases in plain text about **CREATE**, **UPDATE** and **DELETE** operations.

To **CREATE** a resource you need to fill the next mandatory fields in the body of the request: *title, body, userId.*

To **UPDATE** a resource you need to fill necessary filed(s) in the body of the request.

**UPDATE** and **DELETE** operations are possible by the *id* of the resource.

Describe your test cases in the next format:

|  |  |  |
| --- | --- | --- |
| Summary | Steps | Expected result |
|  |  |  |

3. Create a bug report for the next issue:

The request GET /posts/0 returned 404 Not Found, but you expect an empty list with 200 OK

**You may send results in any form you like: GitHub project, email, etc.**