

Non-Functional Testing Using Postman, REST Assured, and JMeter – Screenshots

GET Request output

The screenshot shows the Postman interface for a GET request to `https://reqres.in/api/users`. The response is a JSON object with the following structure:

```
1 {
2   "page": 1,
3   "per_page": 6,
4   "total": 12,
5   "total_pages": 2,
6   "data": [
7     {
8       "id": 1,
9       "email": "george.bluth@reqres.in",
10      "first_name": "George",
11      "last_name": "Bluth",
12      "avatar": "https://reqres.in/img/faces/1-image.jpg"
13    },
14    {
15      "id": 2,
16      "email": "janet.weaver@reqres.in",
17      "first_name": "Janet",
18      "last_name": "Weaver",
19      "avatar": "https://reqres.in/img/faces/2-image.jpg"
20    },
21    {
22      "id": 3,
```

Below the JSON response, the Test Results section shows the following test outcomes:

Result	Test Case
PASS	Response status code is 200
PASS	The 'page' field is a non-negative integer
PASS	Per_page field is a non-negative integer
PASS	Validate the 'total' field is a non-negative integer
FAIL	Verify the presence and length of the 'data' array AssertionError: The 'data' array should contain 1 element: expected 6 to equal 1

POST Request output

Body Cookies Headers (13) Test Results (5/5) Status: 201 Created Time: 397 ms Size: 746 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "morpheus",
3   "job": "leader",
4   "id": "237",
5   "createdAt": "2023-08-22T04:59:13.481Z"
6 }
```

Body Cookies Headers (13) Test Results (5/5) Status: 201 Created Time: 397 ms Size: 746 B Save as Example

All Passed Skipped Failed

- PASS Response status code is 201
- PASS Response has required fields
- PASS Name is a non-empty string
- PASS Job is a non-empty string
- PASS Id is a non-empty string

Create Get Resource.java

Problems @ Javadoc Declaration Console

<terminated> Create_Get_Resource [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe (22-Aug-2023, 11:22:16 am – 11:22:39 am) [pid: 10900]

[RemoteTestNG] detected TestNG version 7.0.1

log4j:ERROR Could not find value for key log4j.appender.dest1

log4j:ERROR Could not instantiate appender named "dest1".

INFO 2023-08-22 11:22:28,978 0 LogDemo [main] payload created

INFO 2023-08-22 11:22:34,994 6016 LogDemo [main] Reterived Users

INFO 2023-08-22 11:22:37,265 8287 LogDemo [main] Resource created

PASSED: createPayload

PASSED: getServerResponse

PASSED: createResource

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Default test

Tests run: 3, Failures: 0, Skips: 0

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Default suite

Total tests run: 3, Passes: 3, Failures: 0, Skips: 0

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JMeter – BlazeMeter

