

API GA7-220501096-AA5-EV02



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INTRODUCCION

En este documento se entrega evidencia sobre los test realizados a la API para la actividad
AA5_EV02

OBJETIVO

El objetivo de este documento es proporcionar las capturas de pantalla con los respectivos test realizados a la API solicitada en el anterior documento.

Postman interface showing a POST request to `http://localhost:8080/session02EV02/index.html`. The request is configured with a `POST` method and a `Send` button. The `Scripts` tab is active, displaying a JavaScript test script:

```
1 pm.test("Response status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4
5
6 pm.test("Response time is less than 200ms", function () {
7   pm.expect(pm.response.responseTime).to.be.below(200);
8 });
9
10
11 pm.test("Response content type is text/html", function () {
12   pm.expect(pm.response.headers.get("Content-Type")).to.include
13
```

The response is a `200 OK` status, received in 13 ms, with a body size of 6.34 KB. The `Test Results` tab shows 12/12 tests passed. The `Body` tab is active, displaying the response content.

Name	Value	Domain	Path	Expires	HttpOnly	Secure
JSESSIONID	D30A983B8C...	localhost	/session02EV02	Session	true	false

Postman interface showing the same POST request, but with the `Headers` tab active. The response headers are displayed:

Key	Value
Accept-Ranges	bytes
ETag	W/"6239-1729203117378"
Last-Modified	Thu, 17 Oct 2024 22:11:57 GMT
Content-Type	text/html
Content-Length	6239
Date	Thu, 17 Oct 2024 22:46:27 GMT
Keep-Alive	timeout=20
Connection	keep-alive

Postman interface showing a POST request to `http://localhost:8080/session02EV02/index.html`. The request is successful (200 OK) and the test results show all assertions passed.

Request Details:

- Method: POST
- URL: `http://localhost:8080/session02EV02/index.html`
- Headers: 8
- Body: (Empty)
- Scripts: 7

Test Results (12/12):

- PASS: Response status code is 200
- PASS: Response time is less than 200ms
- PASS: Response content type is text/html
- PASS: Ensure the presence of the required HTML elements
- PASS: Login functionality works as expected
- PASS: Registration functionality works as expected

Postman interface showing a GET request to `http://localhost:8080/session02EV02/index.html`. The request is successful (200 OK) and the test results show all assertions passed.

Request Details:

- Method: GET
- URL: `http://localhost:8080/session02EV02/index.html`
- Headers: 7
- Body: (Empty)
- Scripts: 16

Test Results (12/12):

- PASS: Response status code is 200
- PASS: Response time is less than 200ms
- PASS: Response content type is text/html
- PASS: Ensure the presence of the required HTML elements

Headers (8):

Key	Value
Accept-Ranges	bytes

Error

Postman interface showing a GET request to `http://localhost:8080/session02EV02/error.jsp`. The Scripts tab is active, displaying a series of `pm.test` assertions. The response status is 200 OK.

```
1 pm.test("Response status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4
5
6 pm.test("Response time is less than 200ms", function () {
7   pm.expect(pm.response.responseTime).to.be.below(200);
8 });
9
10
11 pm.test("Response content type is text/html", function () {
12   pm.expect(pm.response.headers.get("Content-Type")).to.include(
13     "text/html");
14 });
15
16 pm.test("Ensure the presence of the required HTML elements",
17   function () {
18     const responseData = pm.response.text();
```

Body Cookies (1) Headers (5) Test Results (4/12) 200 OK · 11 ms · 1.57 KB · Save Response

Key	Value
Content-Type	text/html; charset=UTF-8

Postman interface showing the same GET request, but with more detailed `pm.test` assertions in the Scripts tab. The response status is still 200 OK.

```
14
15
16 pm.test("Ensure the presence of the required HTML elements",
17   function () {
18     const responseData = pm.response.text();
19
20     pm.expect(responseData).to.include('login-form');
21     pm.expect(responseData).to.include('register-form');
22     pm.expect(responseData).to.include('login-username');
23     pm.expect(responseData).to.include('login-password');
24     pm.expect(responseData).to.include('register-username');
25     pm.expect(responseData).to.include('register-email');
26     pm.expect(responseData).to.include('register-password');
27   });
28
29 pm.test("Login functionality works as expected", function () {
30   const responseData = pm.response.text();
31
32   pm.expect(responseData).to.include('function login()');
```

Body Cookies (1) Headers (5) Test Results (4/12) 200 OK · 11 ms · 1.57 KB · Save Response

Key	Value
Content-Type	text/html; charset=UTF-8

Postman interface showing a GET request to `http://localhost:8080/sesion02EV02/error.jsp`. The request is successful (200 OK) and the response is a 1.57 KB HTML document.

The **Scripts** tab is active, showing the following JavaScript code:

```
36 pm.test("Registration functionality works as expected", function () {
37     0 {
38         const responseData = pm.response.text();
39
40         pm.expect(responseData).to.include('function register()');
41         pm.expect(responseData).to.include('Registro exitoso');
42     });
43
44     pm.test("Error handling works as expected", function () {
45         const responseData = pm.response.text();
46
47         pm.expect(responseData).to.include('window.location.href = \'error.jsp\'');
48     });
49     pm.test("Response time is less than 200ms", function () {
50         pm.expect(pm.response.responseTime).to.be.below(200);
51     });
52
53     pm.test("Ensure the presence of the required HTML elements",
```

The **Headers** tab is active, showing the following headers:

Key	Value
Content-Type	text/html; charset=UTF-8

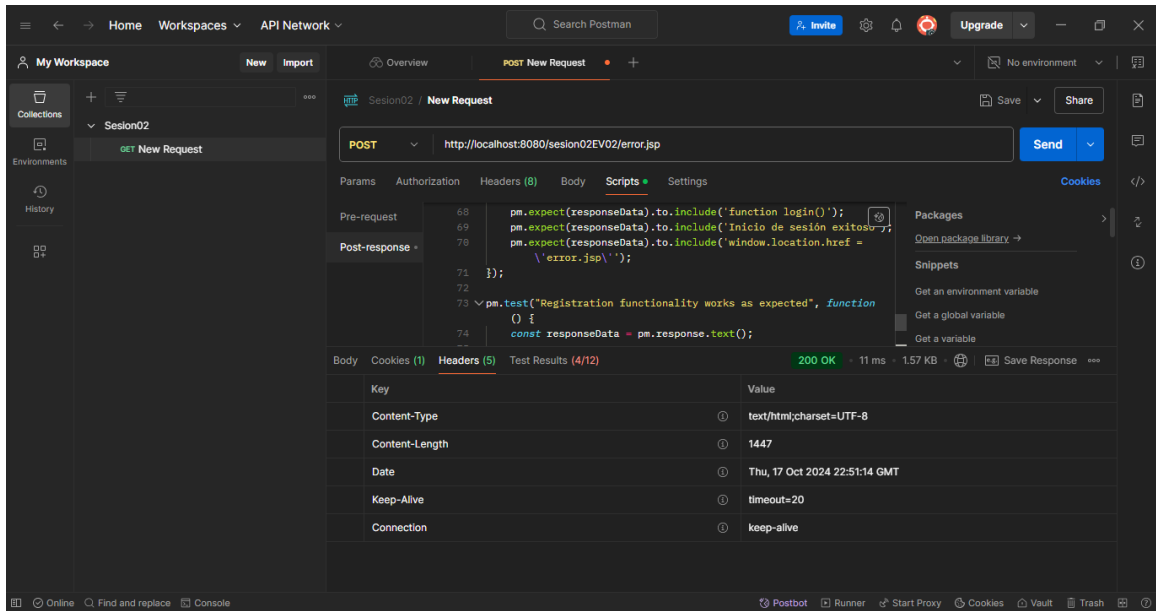
Postman interface showing a GET request to `http://localhost:8080/sesion02EV02/error.jsp`. The request is successful (200 OK) and the response is a 1.57 KB HTML document.

The **Scripts** tab is active, showing the following JavaScript code:

```
68 pm.expect(responseData).to.include('function login()');
69 pm.expect(responseData).to.include('Inicio de sesión exitoso');
70 pm.expect(responseData).to.include('window.location.href = \'error.jsp\'');
71 });
72
73 pm.test("Registration functionality works as expected", function () {
74     0 {
75         const responseData = pm.response.text();
76
77         pm.expect(responseData).to.include('function register()');
78         pm.expect(responseData).to.include('Registro exitoso');
79     });
80
81     pm.test("Error handling works as expected", function () {
82         const responseData = pm.response.text();
83
84         pm.expect(responseData).to.include('window.location.href = \'error.jsp\'');
85     });
86 });
```

The **Headers** tab is active, showing the following headers:

Key	Value
Content-Type	text/html; charset=UTF-8



LINK DEL VIDEO

<https://youtu.be/vf4H3y36oDw>