

Modulo 11: Pruebas de API

Actividad 21: Pruebas de API

Evidencias con captura de pantalla de Postman

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#5

16 de septiembre de 2024, 13:23:14



VÁLIDO (RFC 8259)

Datos en formato JSON

```
{
  "Nombre" : "Leidy" ,
  "Apellido" : "Tacuma" ,
  "Edad" : 23 ,
  "Mascota" : "Nulo" ,
  "Macotas" : [
    "Perro" ,
    "Pez"
  ]
}
```



Captura de evidencia de la creación del Worspaces Testing QA

Workspaces ^

API Network v

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Testing QA

Prototipo

Practica

ACTIVIDAD 20

Espacio de trabajo

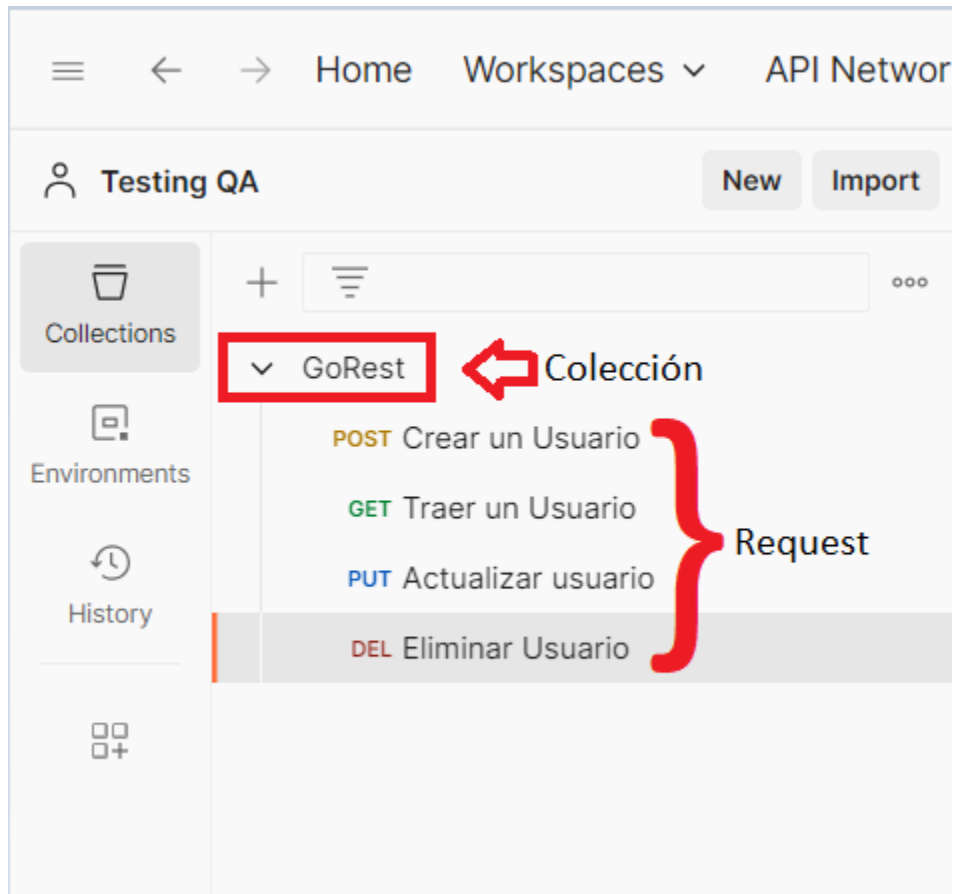
My Workspace

More workspaces

GoRest

View all workspaces →

Captura de pantalla evidencia de colección y los request



Captura de pantalla de POST Request: Crear un usuario

The screenshot displays the Postman interface for a POST request. The request is configured with the following details:

- Method:** POST (highlighted with a red box)
- URL:** `https://gorest.co.in/public/v2/users`
- Body:** raw (selected), JSON (format)
- Body Content:**

```
1 {
2   "name": "Tenali Ramakrishna",
3   "gender": "male",
4   "email": "tenali.ramakrishna@26ec.com",
5   "status": "active"
6 }
```

The response section shows the following details:

- Status:** 201 Created (highlighted with a red box)
- Time:** 1174 ms
- Size:** 1.18 KB
- Body:** Pretty (selected), JSON (format)
- Body Content:**

```
1 {
2   "id": 7413099,
3   "name": "Tenali Ramakrishna",
4   "email": "tenali.ramakrishna@26ec.com",
5   "gender": "male",
6   "status": "active"
7 }
```

The bottom status bar includes various utility icons and a Postbot notification.

Prueba: Al ejecutar la petición se creó el usuario, se puede evidenciar por el código que arroja el código 201 Created.

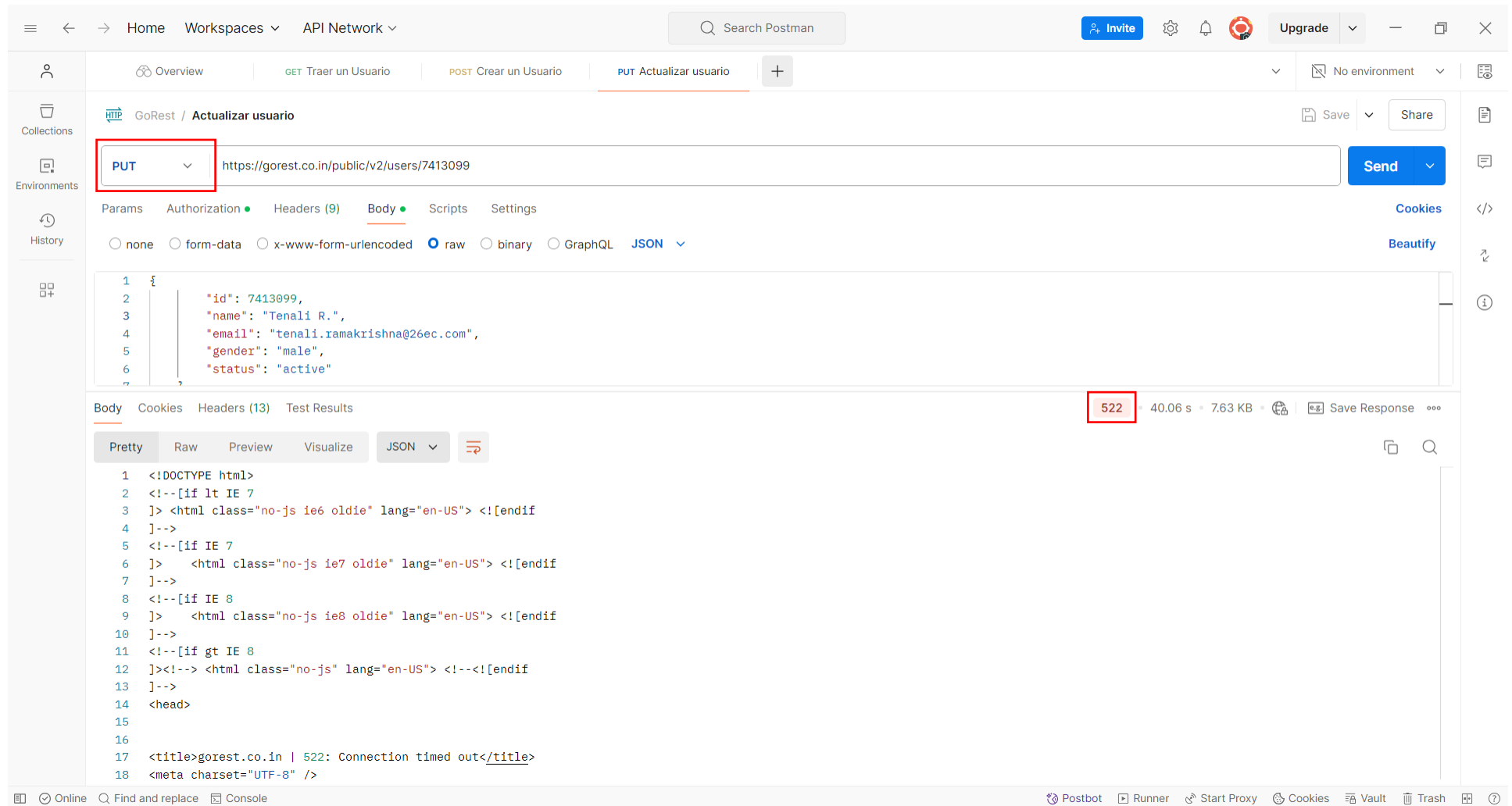
Captura de pantalla de GET Request: Traer usuarios

The screenshot shows the Postman interface with a GET request to `https://gorest.co.in/public/v2/users`. The response is a 200 OK status with a JSON array of 10 user objects. The 'GET' method and the response status '200 OK' are highlighted with red boxes.

```
1 [
2   {
3     "id": 7413899,
4     "name": "Tenali Ramakrishna",
5     "email": "tenali.ramakrishna@26ec.com",
6     "gender": "male",
7     "status": "active"
8   },
9   {
10    "id": 7413896,
11    "name": "Tenali Ramakrishna",
12    "email": "tenali.ramakrishna@952@15ce.com",
13    "gender": "male",
14    "status": "active"
15  },
16  {
17    "id": 7413895,
18    "name": "Tenali Ramakrishna",
19    "email": "tenali.ramakrishna@991@15ce.com",
20    "gender": "male",
21    "status": "active"
22  },
23  {
24    "id": 7413842,
25    "name": "Tenali Ramakrishna",
26    "email": "tenali.ramakrishna@950@15ce.com",
27    "gender": "male",
28    "status": "active"
29  },
30  {
31    "id": 7413838,
32    "name": "Tenali Ramakrishna",
33    "email": "tenali.ramakrishna@898@15ce.com",
34    "gender": "male",
35    "status": "active"
36  },
37  {
38    "id": 7413836,
39    "name": "Ghanshyam Nayyar Jr.",
40    "email": "j_r_nayyar_ghanshyam@huelo.test",
41    "gender": "male",
42    "status": "active"
43  },
44  {
45    "id": 7413835,
46    "name": "Jagdish Mishra VM",
47    "email": "vm_mishra_jagdish@samayn.test",
48    "gender": "female",
49    "status": "active"
50  },
51  {
52    "id": 7413834,
53    "name": "Ujjwal Patil",
54    "email": "patil_ujjwal@bode-ernser.test",
55    "gender": "male",
56    "status": "active"
57  },
58  {
59    "id": 7413832,
60    "name": "Gov. Tejas Abbott",
61    "email": "gov_tejas_abbott@greenholt-wyman.test",
62    "gender": "female",
63    "status": "inactive"
64  },
65  {
66    "id": 7413831,
67    "name": "Meghnad Kaul",
68    "email": "kaul_meghnad@tunolifsson.example",
69    "gender": "female",
70    "status": "active"
71  }
72 ]
```

Prueba: Al ejecutar la petición se obtienen todos los usuarios, se evidencia con el código 200 OK.

Captura de pantalla de PUT/PATCH Request: Actualizar usuario



The screenshot displays the Postman interface for a PUT request to the endpoint `https://gorest.co.in/public/v2/users/7413099`. The request body is a JSON object with the following fields: `id` (7413099), `name` (Tenali R.), `email` (tenali.ramakrishna@26ec.com), `gender` (male), and `status` (active). The response status is 522 (Connection timed out), with a response time of 40.06 s and a size of 7.63 KB. The response body is an HTML document with a title "gorest.co.in | 522: Connection timed out".

```
1 {
2   "id": 7413099,
3   "name": "Tenali R.",
4   "email": "tenali.ramakrishna@26ec.com",
5   "gender": "male",
6   "status": "active"
7 }
```

```
1 <!DOCTYPE html>
2 <!--[if lt IE 7
3 ]> <html class="no-js ie6 oldie" lang="en-US"> <![endif
4 ]-->
5 <!--[if IE 7
6 ]> <html class="no-js ie7 oldie" lang="en-US"> <![endif
7 ]-->
8 <!--[if IE 8
9 ]> <html class="no-js ie8 oldie" lang="en-US"> <![endif
10 ]-->
11 <!--[if gt IE 8
12 ]><!--> <html class="no-js" lang="en-US"> <!--<![endif
13 ]-->
14 <head>
15
16
17 <title>gorest.co.in | 522: Connection timed out</title>
18 <meta charset="UTF-8" />
```

Prueba: Da como resultado un error 522 (ERROR DEL SISTEMA) se produce cuando un servidor tarda más del tiempo especificado en responder a las solicitudes.

Captura de pantalla de Solicitud DELETE: Eliminar usuario

The screenshot shows the Postman interface for a DELETE request. The URL is `https://gorest.co.in/public/v2/users/7413099`. The method is **DELETE**. The response status is **522** (Connection timed out). The response body is shown in Pretty view, displaying HTML boilerplate code.

Request Details:

- Method: DELETE
- URL: `https://gorest.co.in/public/v2/users/7413099`
- HTTP version: HTTP/1.x
- Enable SSL certificate verification: OFF
- Automatically follow redirects: ON

Response Details:

- Status: 522
- Time: 39.08 s
- Size: 7.63 KB
- Save Response: [button]

Response Body (Pretty View):

```
1 <!DOCTYPE html>
2 <!--[if lt IE 7
3 ]> <html class="no-js ie6 oldie" lang="en-US"> <![endif
4 ]-->
5 <!--[if IE 7
6 ]> <html class="no-js ie7 oldie" lang="en-US"> <![endif
7 ]-->
8 <!--[if IE 8
9 ]> <html class="no-js ie8 oldie" lang="en-US"> <![endif
10 ]-->
11 <!--[if gt IE 8
12 ]><!--> <html class="no-js" lang="en-US"> <!--<![endif
13 ]-->
14 <head>
15
16
17 <title>gorest.co.in | 522: Connection timed out</title>
18 <meta charset="UTF-8" />
```

Prueba: Igualmente da como resultado un error 522 (ERROR DEL SISTEMA) se produce cuando un servidor tarda más del tiempo especificado en responder a las solicitudes.

Captura de pantalla de la ejecución del test

Home

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Overview

GET Traer un Usuari

PUT Actualizar usuar

DEL Eliminar Usuari

GoRest

GoRest

GoRest

POST Crear un Usuar

GoRest

No environment

GoRest - Run results

Run Again

Automate Run

New Run

Export Results

Ran today at 11:18:16 · [View all runs](#)

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	none	1	2m 37s	4	39182 ms

All Tests

Passed (0)

Failed (4)

Skipped (0)

[View Summary](#)

Iteration 1

POST Crear un Usuario

<https://gorest.co.in/public/v2/users>

522 undefined 39353 ms 7.825 KB

FAIL Status code is 201 | AssertionError: expected response to have status code 201 but got 522

GET Traer un Usuario

<https://gorest.co.in/public/v2/users>

522 undefined 39175 ms 7.819 KB

FAIL Status code is 200 | AssertionError: expected response to have status code 200 but got 522

PUT Actualizar usuario

<https://gorest.co.in/public/v2/users/7413099>

522 undefined 38849 ms 7.811 KB

FAIL Status code is 200 | AssertionError: expected response to have status code 200 but got 522

DELETE Eliminar Usuario

<https://gorest.co.in/public/v2/users/7413099>

522 undefined 39350 ms 7.809 KB

FAIL Status code is 204 | AssertionError: expected response to have status code 204 but got 522

Online

Find and replace

Console

Postbot

Runner

Start Proxy

Cookies

Vault

Trash

Al hacer la ejecución de cada REQUEST y al ajusta el código de respuesta con (200, 201, 204, etc.) para que los test PASS, dio el resultado un código 522 (ERROR DEL SISTEMA) ósea que todos los casos tienen un resultado FAIL porque la aplicación no responde a la solicitud.

Análisis general de Postman

En las primeras solicitudes de POST y GET fueron exitosas, como se logra evidenciar en las capturas, las cuales arrojaron el estado del código 200 y 201. Sin embargo, la respuesta del servidor afecto a las solicitudes siguientes que fueron PUT y DELETE, lo dio como resultado un código 522. Por ello, el resultado general de las pruebas fue FAIL, ya que no se logro completar las solicitudes de manera exitosa.