

UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE



DEPARTAMENTO DE CIENCIAS DE LA COMPUTACIÓN

INGENIERÍA EN TECNOLOGÍAS DE LA INFORMACIÓN

APLICACIÓN

ES DISTRIBUIDAS

TAREA 3: CAPA DE SERVICIOS

ESTUDIANTE:

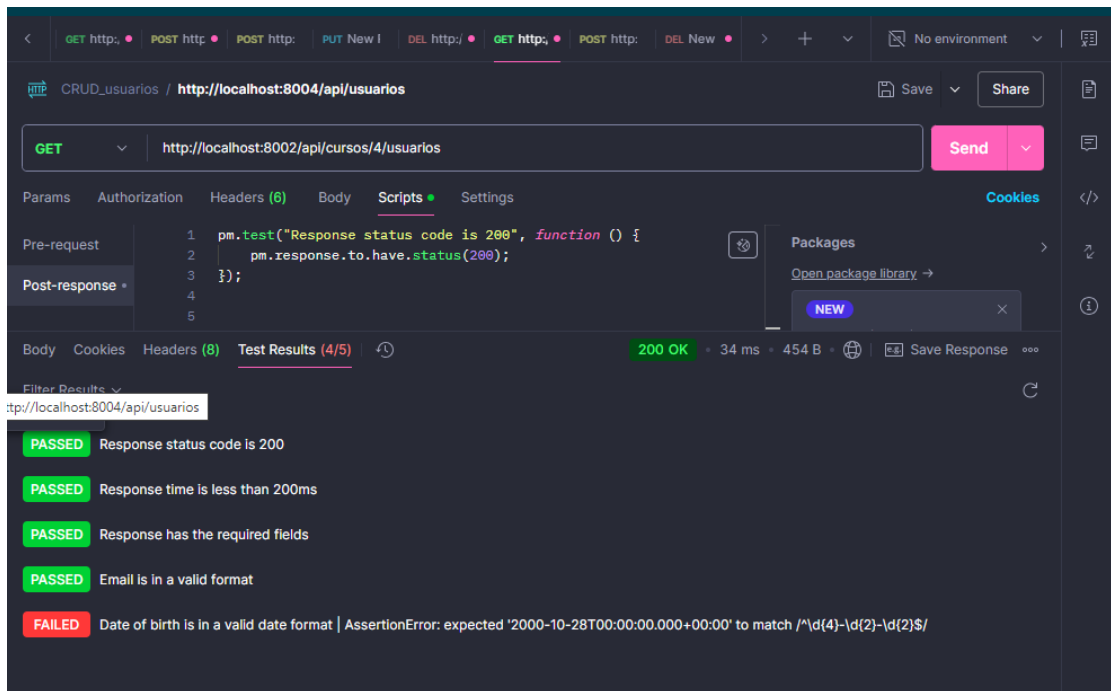
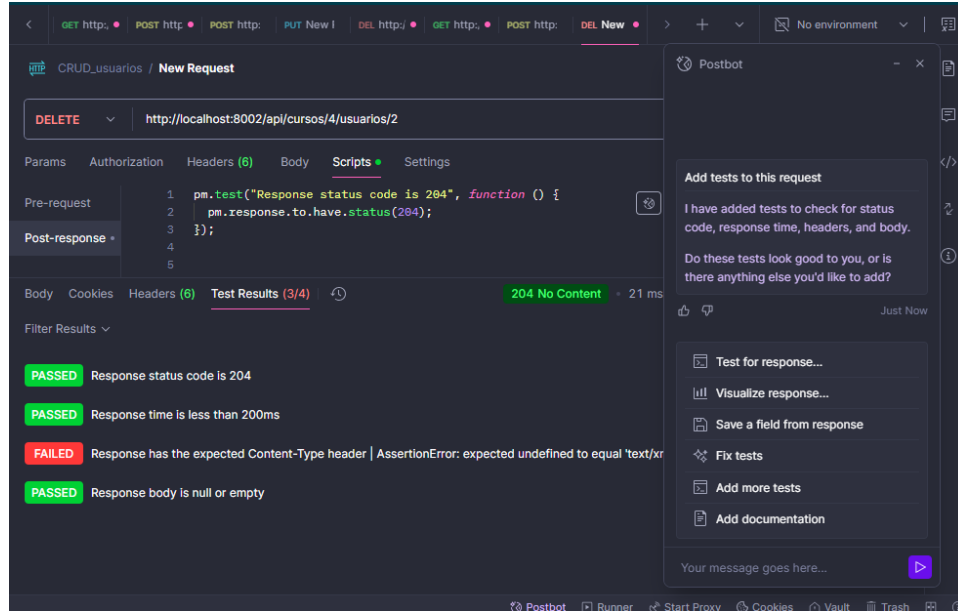
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UNIDAD 2

NRC: 3877

FUNCIONALIDAD DE LAS APIs

1. Cursos-Usuarios



2. Cursos

and integrate APIs and LLMs to accelerate agent development. [Start Building](#)

PUT http://localhost:8002/api/cursos | **POST http://localhost:8002/api/cursos** | PUT New

Save Share

POST http://localhost:8002/api/cursos **Send**

Params Authorization Headers (8) **Body** Scripts Settings Cookies Beautify

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON**

```
1 {
2   "nombre": "Psicologia",
3   "descripcion": "Pip",
4   "creditos": 3
5 }
```

Body Cookies Headers (8) **Test Results (8/8)** 201 Created • 21 ms • 340 B Save Response

Filter Results

- PASSED** Response status code is 201
- PASSED** Response has the required fields
- PASSED** Id is a non-negative Integer
- PASSED** Nombre is a non-empty string
- PASSED** Descripcion is a non-empty string

Postbot Runner Start Proxy Cookies Vault Trash

work Search Postman Invite

and integrate APIs and LLMs to accelerate agent development.

DEL http://localhost:8002/api/cursos/2 | **POST http://localhost:8002/api/cursos/2** | PUT New | DEL http://localhost:8002/api/cursos/2

HTTP **DELETE** http://localhost:8002/api/cursos/2

Params Authorization Headers (6) Body **Scripts** Settings

Pre-request

Post-response

```
1 pm.test("Response status code is 204", function () {
2   pm.response.to.have.status(204);
3 });
4
5
```

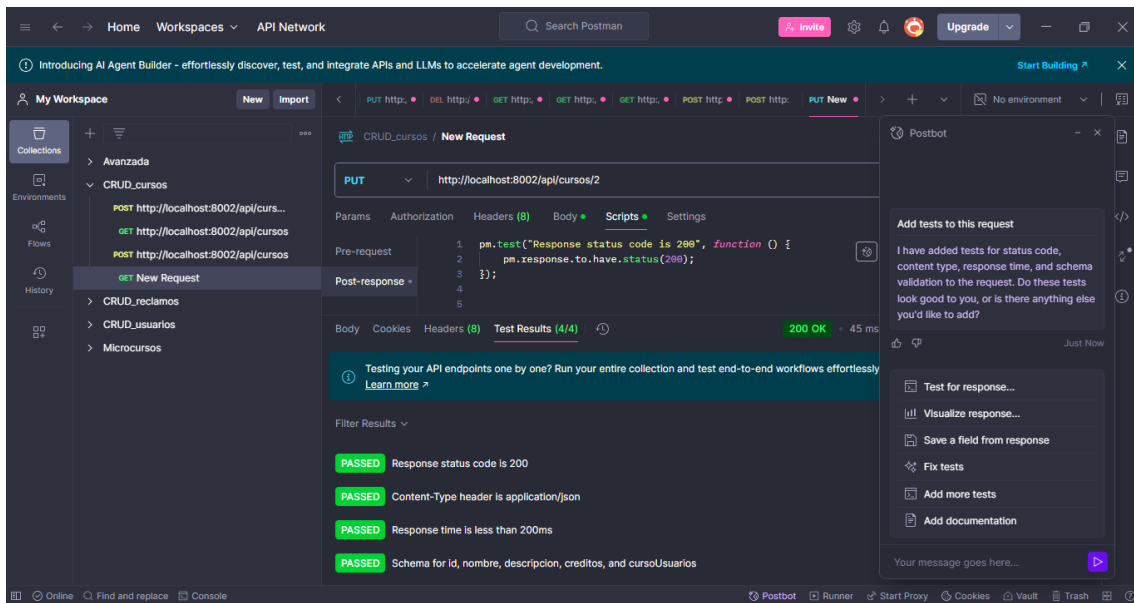
Body Cookies Headers (6) **Test Results (4/5)** 204 Not Found

Filter Results

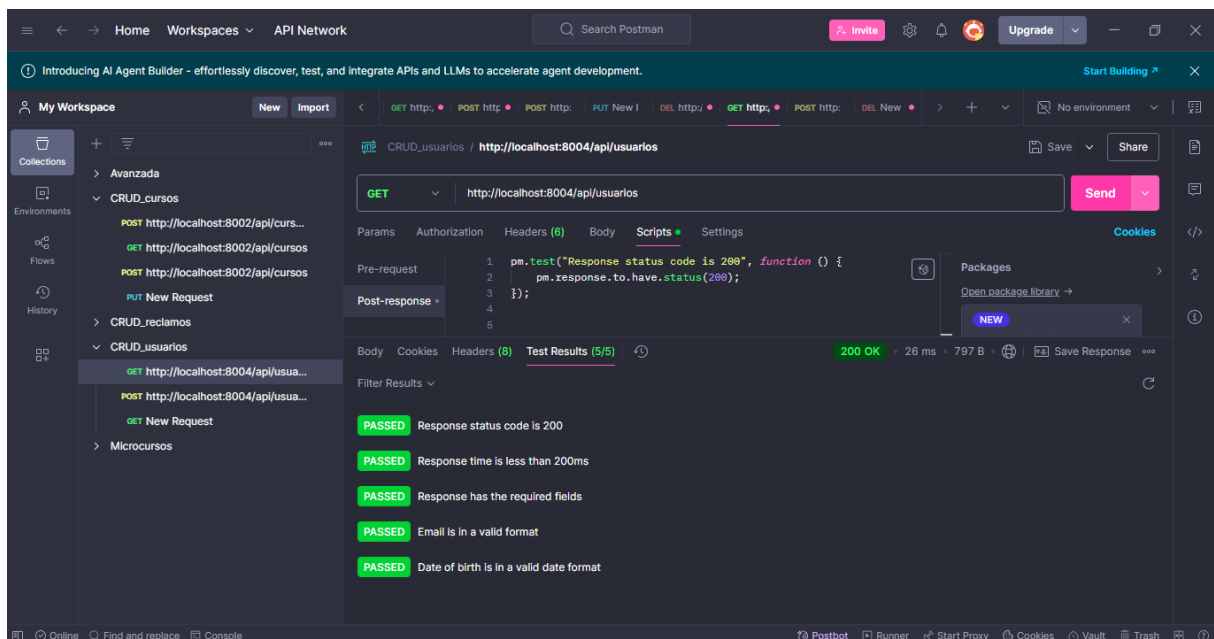
- PASSED** Response status code is 204
- PASSED** Response time is less than 200ms
- FAILED** Response Content-Type is text/xml | AssertionError: the given combination of arguments (undefined and
- PASSED** Response body is null or empty
- PASSED** Response schema matches the expected schema definition

Postbot Runner Start Proxy Cookies Vault Trash

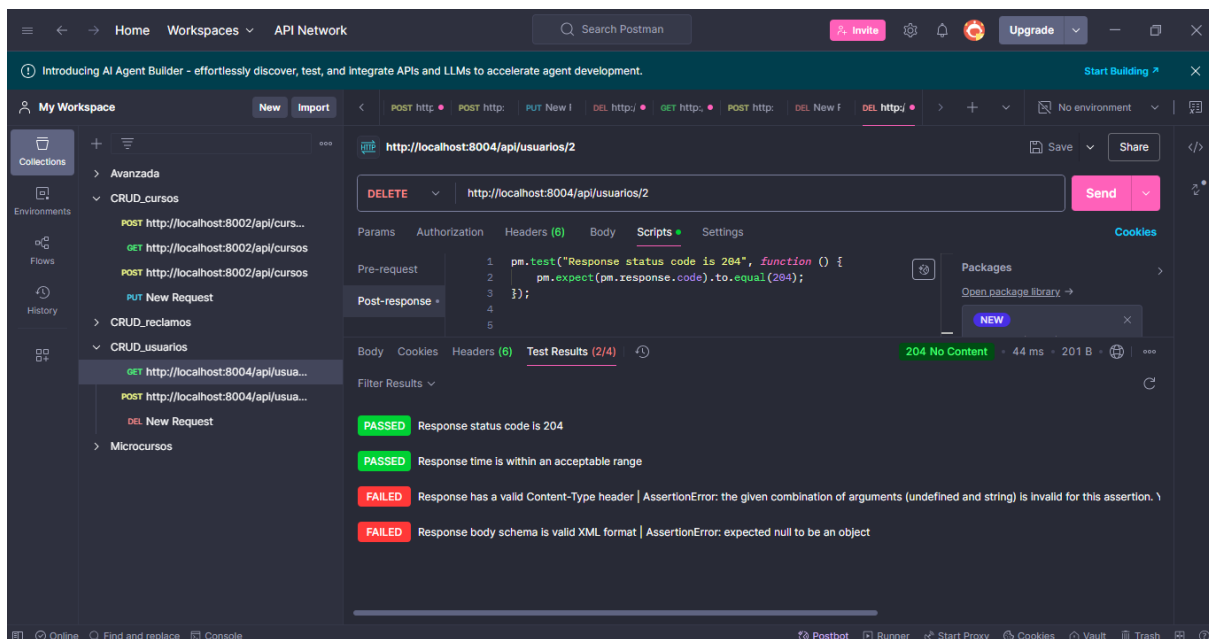




The screenshot shows the Postman interface with a workspace named 'API Network'. A 'New Request' is being made to 'http://localhost:8002/api/cursos/2' using the 'PUT' method. The 'Scripts' tab is active, showing a pre-request script that tests the response status code is 200. The 'Test Results' section shows four passed tests: 'Response status code is 200', 'Content-Type header is application/json', 'Response time is less than 200ms', and 'Schema for id, nombre, descripción, créditos, and cursoUsuarios'.



The screenshot shows the Postman interface with a workspace named 'API Network'. A 'New Request' is being made to 'http://localhost:8004/api/usuarios' using the 'GET' method. The 'Scripts' tab is active, showing a pre-request script that tests the response status code is 200. The 'Test Results' section shows five passed tests: 'Response status code is 200', 'Response time is less than 200ms', 'Response has the required fields', 'Email is in a valid format', and 'Date of birth is in a valid date format'.



The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', and 'API Network'. Below this, a banner for 'Introducing AI Agent Builder' is visible. The left sidebar shows 'My Workspace' with a tree view of collections including 'Avanzada', 'CRUD_cursos', 'CRUD_reclamos', and 'CRUD_usuarios'. The main panel shows a 'DELETE' request to 'http://localhost:8004/api/usuarios/2'. The 'Scripts' tab is active, showing a pre-request script and a post-response script. The 'Test Results' section shows four results: two 'PASSED' (status code 204 and response time) and two 'FAILED' (Content-Type header and body schema). The bottom status bar includes 'Online', 'Find and replace', 'Console', 'Postbot', 'Runner', 'Start Proxy', 'Cookies', 'Vault', 'Trash', and a help icon.