

## Registro con GET, muestra una salida de 200 OK

The screenshot shows the Thunder Client interface with a new request configured. The request is a GET to `http://127.0.0.1:8000/usersclass/`. The status is **200 OK**, the size is **1.35 KB**, and the time is **10 ms**. The response is a JSON array of three user objects:

```
[
  {
    "id": 1,
    "Name": "Owens",
    "LastName": "Harris",
    "Age": 22
  },
  {
    "id": 2,
    "Name": "Jhon",
    "LastName": "Bradley",
    "Age": 38
  },
  {
    "id": 3,
```

The terminal at the bottom shows the command `uvicorn codigos:app --reload` and the server logs, including the successful GET request.

## Agregar un nuevo registro con POST con un ID que ya existe, muestra salida de 401 Unauthorized

The screenshot shows the Thunder Client interface with a new request configured. The request is a POST to `http://127.0.0.1:8000/usersclass/`. The status is **401 Unauthorized**, the size is **33 Bytes**, and the time is **6 ms**. The response is a JSON object:

```
{
  "detail": "el usuario ya existe"
}
```

The terminal at the bottom shows the command `uvicorn codigos:app --reload` and the server logs, including the failed POST request.

Agregamos otro registro que aun no existe con POST, muestra una salida de 200 OK

The screenshot shows the Thunder Client interface with a new request configured as a POST to `http://127.0.0.1:8000/usersclass/`. The status is **200 OK**, size is **43 Bytes**, and time is **4 ms**. The response body is a JSON object: `{ "detail": "Usuario agregado correctamente" }`. The left sidebar shows a list of requests, with the current one highlighted. The bottom terminal shows the server logs, including the successful POST request.

```
POST http://127.0.0.1:8000/usersclass/
Status: 200 OK Size: 43 Bytes Time: 4 ms
Response: { "detail": "Usuario agregado correctamente" }
```

```
PS C:\Users\jorrd\OneDrive\Documentos\Modelos de Desarrollo Web> uvicorn codigos:app --reload
INFO: Will watch for changes in these directories: ['C:\\Users\\jorrd\\OneDrive\\Documentos\\Modelos de Desarrollo Web']
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [420] using WatchFiles
INFO: Started server process [16104]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:63977 - "GET /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64014 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64049 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64050 - "POST /usersclass/ HTTP/1.1" 200 OK
```

Actualizar un registro con PUT, mensaje de salida 200 OK

The screenshot shows the Thunder Client interface with a new request configured as a PUT to `http://127.0.0.1:8000/usersclass/`. The status is **200 OK**, size is **51 Bytes**, and time is **5 ms**. The response body is a JSON object: `{ "detail": "El registro se actualizo correctamente" }`. The left sidebar shows a list of requests, with the current one highlighted. The bottom terminal shows the server logs, including the successful PUT request.

```
PUT http://127.0.0.1:8000/usersclass/
Status: 200 OK Size: 51 Bytes Time: 5 ms
Response: { "detail": "El registro se actualizo correctamente" }
```

```
PS C:\Users\jorrd\OneDrive\Documentos\Modelos de Desarrollo Web> uvicorn codigos:app --reload
INFO: Will watch for changes in these directories: ['C:\\Users\\jorrd\\OneDrive\\Documentos\\Modelos de Desarrollo Web']
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [420] using WatchFiles
INFO: Started server process [16104]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:63977 - "GET /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64014 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64049 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64050 - "POST /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64065 - "PUT /usersclass/ HTTP/1.1" 200 OK
```

## Actualizar un registro inexistente, mensaje de salida 406\_NOT\_ACCEPTABLE

The screenshot shows the Visual Studio Code interface with the REST Client extension. A new request is being created with the following details:

- Method:** PUT
- URL:** http://127.0.0.1:8000/usersclass/
- Body:** JSON content: 

```
{  "id": 288,  "Name": "jordy",  "LastName": "Ramirez",  "Age": 21}
```

The response shows a status of **406 Not Acceptable** with a size of 46 Bytes and a time of 5 ms. The response body is: 

```
{  "detail": "No se pudo actualizar el registro"}
```

The terminal at the bottom shows the following logs:

```
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [420] using WatchFiles
INFO: Started server process [16104]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:63977 - "GET /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64814 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64849 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64850 - "POST /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64865 - "PUT /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64875 - "PUT /usersclass/ HTTP/1.1" 406 Not Acceptable
```

## Eliminar un registro con DELETE, mensaje de salida 200 OK

The screenshot shows the Visual Studio Code interface with the REST Client extension. A new request is being created with the following details:

- Method:** DELETE
- URL:** http://127.0.0.1:8000/usersclass/5

The response shows a status of **200 OK** with a size of 50 Bytes and a time of 4 ms. The response body is: 

```
{  "detail": "El registro se eliminó correctamente"}
```

The terminal at the bottom shows the following logs:

```
INFO: Started reloader process [420] using WatchFiles
INFO: Started server process [16104]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:63977 - "GET /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64814 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64849 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64850 - "POST /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64865 - "PUT /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64875 - "PUT /usersclass/ HTTP/1.1" 406 Not Acceptable
INFO: 127.0.0.1:64883 - "DELETE /usersclass/5 HTTP/1.1" 200 OK
```

## Eliminar el registro nuevamente, mensaje de salida 404 Not Found

The screenshot shows the Thunder Client interface within Visual Studio Code. The top bar indicates the current request is a DELETE method to the URL `http://127.0.0.1:8000/usersclass/5`. The status bar at the bottom shows the response status as **404 Not Found**, with a size of 58 Bytes and a time of 4 ms.

The response body is displayed in JSON format:

```
1 {
2   "detail": "Error al eliminar, no se encontro el registro"
3 }
```

The terminal window at the bottom shows the server logs for the request:

```
INFO: Started server process [16184]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:63977 - "GET /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64014 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64049 - "POST /usersclass/ HTTP/1.1" 401 Unauthorized
INFO: 127.0.0.1:64050 - "POST /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64065 - "PUT /usersclass/ HTTP/1.1" 200 OK
INFO: 127.0.0.1:64075 - "PUT /usersclass/ HTTP/1.1" 406 Not Acceptable
INFO: 127.0.0.1:64083 - "DELETE /usersclass/5 HTTP/1.1" 200 OK
INFO: 127.0.0.1:64089 - "DELETE /usersclass/5 HTTP/1.1" 404 Not Found
```