

Mini Dossier - AthletIA

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Introducción.

El propósito de la API es proporcionar un conjunto completo de operaciones para gestionar una colección de usuarios y ejercicios de entrenamiento. Permite a las aplicaciones crear, leer, actualizar y eliminar (CRUD) ejercicios, facilitando así la integración de funcionalidades de fitness en cualquier software.

Endpoints Desarrollados.

1. AUTH

Este módulo gestiona la autenticación, registro y seguridad de las cuentas.

| Ruta | Método | Descripción | Parámetros | Códigos de Respuesta |
|------------------------------|--------|--|--|-------------------------|
| /auth/login | Post | Autentica credenciales y emite un token JWT. | Body: email (string), password (string) | 200, 400, 401, 500 |
| /auth/register-account | Post | Registra una nueva cuenta de usuario. | Body: email (string), password (string) | 201, 400, 500 |
| /auth/complete-profile-setup | Post | Completa la configuración del perfil de un usuario. | Body: accountId (string), profileRequest (object) | 201, 400, 500 |
| /auth/change-password | Patch | Permite a un usuario autenticado cambiar su contraseña. | Body: accountId (string), oldPassword (string), newPassword (string) | 200, 400, 401, 404, 500 |
| /auth/refresh-token | Post | Genera un nuevo token de acceso usando un token de refresco. | Body: refreshToken (string) | 200, 400, 500 |
| /auth/logout | Post | Cierra la sesión del usuario invalidando su token de refresco. | Body: accountId (string) | 200, 401, 500 |

2. ACCOUNT

Endpoints dedicados a la administración de cuentas de usuario. Requieren roles específicos.

| Ruta | Método | Descripción | Parámetros | Códigos de Respuesta |
|----------------------|--------|---|-----------------------------------|------------------------------|
| /users | Get | Obtiene una lista paginada de todos los usuarios. Requiere el rol de ADMIN o MODERATOR. | Query: page, limit, search | 200, 403, 500 |
| /users/:id | Get | Obtiene la información detallada de un usuario. Requiere el rol de ADMIN o MODERATOR. | URL: id del usuario | 200, 401, 403, 404, 500 |
| /users/:id/suspend | Patch | Suspende la cuenta de un usuario. Requiere el rol de ADMIN o MODERATOR. | URL: id del usuario | 200, 401, 403, 404, 500 |
| /users/:id/give-role | Patch | Asigna o cambia el rol de un usuario. Requiere rol de ADMIN. | URL: id del usuario Body: role | 200, 400, 401, 403, 404, 500 |

3. PROFILES

Módulo para la gestión de los perfiles públicos y privados de los usuarios.

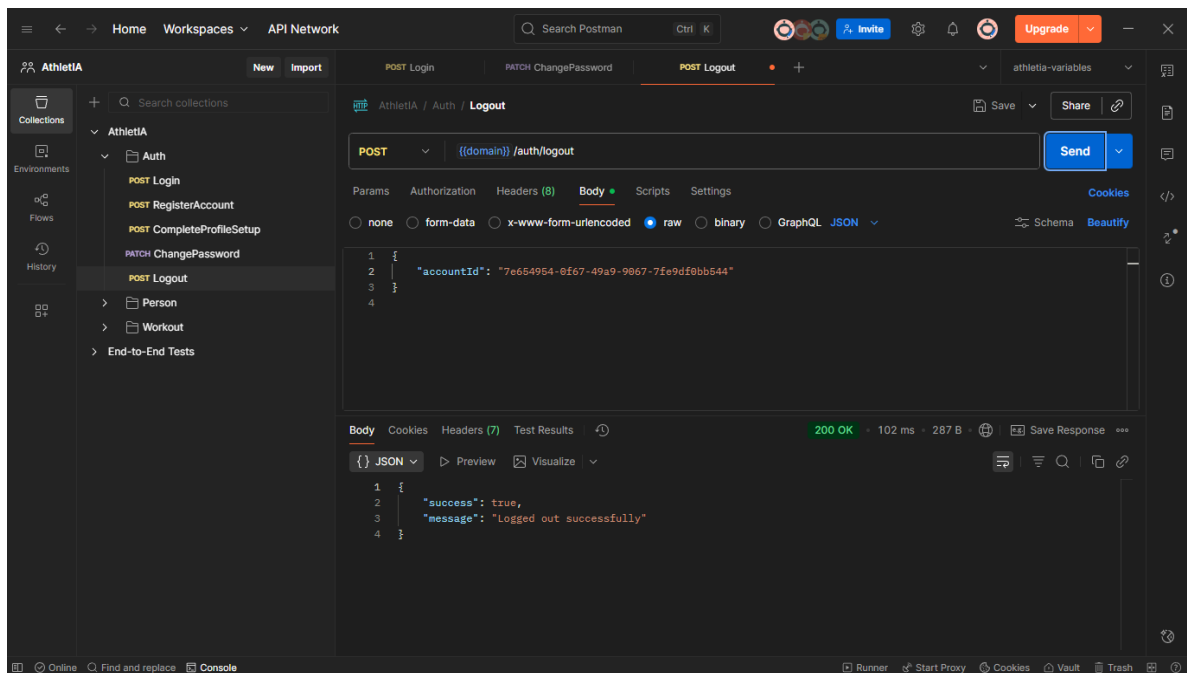
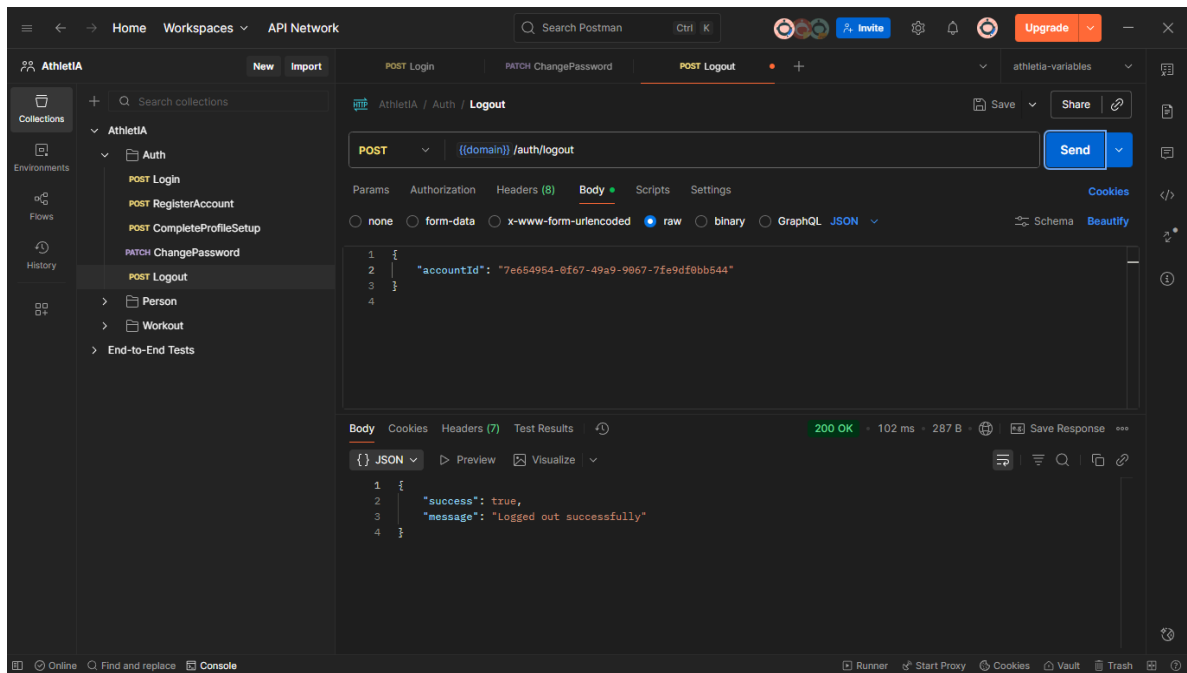
| Ruta | Método | Descripción | Parámetros | Códigos de Respuesta |
|---------------|--------|---|---|------------------------------|
| /profiles/:id | Get | Obtiene la información detallada de un perfil. Requiere autenticación. | URL: id del perfil | 200, 401, 404, 500 |
| /profiles/:id | Patch | Actualiza la información de un perfil. Un usuario solo puede actualizar su propio perfil (a menos que sea ADMIN). | URL: id del perfil Body: campos a actualizar | 200, 400, 401, 403, 404, 500 |

4. EXERCISES

Endpoints para la gestión de los ejercicios de entrenamiento.

| Ruta | Método | Descripción | Parámetros | Códigos de Respuesta |
|------------------------|--------|---|--|----------------------|
| /workout/exercises | Post | Crea un nuevo ejercicio. | Body: datos del ejercicio | 201, 400, 500 |
| /workout/exercises | Get | Obtiene una lista de todos los ejercicios. | Ninguno | 200, 500 |
| /workout/exercises/:id | Get | Obtiene la información detallada de un ejercicio. | URL: id del ejercicio | 200, 404, 500 |
| /workout/exercises/:id | Patch | Actualiza parcialmente un ejercicio existente. | URL: id del ejercicio Body: campos a actualizar | 200, 400, 404, 500 |
| /workout/exercises/:id | Delete | Elimina un ejercicio de forma permanente. | URL: id del ejercicio | 204, 404, 500 |

Pruebas Realizadas en Postman.



Postman interface showing a REST client request for the **findById** endpoint. The request is a **GET** method with the URL `{{domain}}/users/7e654954-0f67-49a9-9067-7fe9df0bb544`. The request is configured with the **Authorization** header set to `Bearer {{token}}`. The response is a **200 OK** status with a response time of 115 ms and a body size of 463 B. The response body is a JSON object:

```
{
  "success": true,
  "message": "User fetched successfully",
  "data": {
    "email": "tilin.usuario@email.com",
    "id": "7e654954-0f67-49a9-9067-7fe9df0bb544",
    "status": "ACTIVE",
    "role": "user",
    "name": "Tilin",
    "birthDate": "2005-08-09T05:00:00.000Z"
  }
}
```

Postman interface showing a REST client request for the **findAll** endpoint. The request is a **GET** method with the URL `{{domain}}/users?limit=5&offset=0`. The request is configured with the **Authorization** header set to `Bearer {{token}}`. The response is a **200 OK** status with a response time of 102 ms and a body size of 449 B. The response body is a JSON object:

```
{
  "total": 1,
  "items": [
    {
      "email": "tilin.usuario@email.com",
      "id": "7e654954-0f67-49a9-9067-7fe9df0bb544",
      "status": "ACTIVE",
      "name": "Tilin"
    }
  ],
  "limit": 5,
  "offset": 0
}
```

Home Workspaces API Network Search Postman Ctrl K Invite Upgrade

AthletIA New Import POST RegisterAccount athletia-variables

AthletIA

- Auth
 - POST Login
 - POST RegisterAccount
 - POST CompleteProfileSetup
 - PATCH ChangePassword
 - POST Logout
- Person
- Workout
- End-to-End Tests

POST RegisterAccount

Auth / RegisterAccount

POST ((domain)) /auth/register-account Send

Params Authorization Headers (8) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

```
1 {{normal-user}}
```

Body Cookies Headers (7) Test Results 201 Created 413 ms 381 B Save Response

```
1 {
2   "success": true,
3   "message": "Account was registered, continue with profile setup",
4   "data": {
5     "accountId": "3eadb0b-1d56-47c3-9269-6bd4711e28e9"
6   }
7 }
```

Online Find and replace Console Runner Start Proxy Cookies Vault Trash

Home Workspaces API Network Search Postman Ctrl K Invite Upgrade

AthletIA New Import POST Login PATCH Change POST Logout GET findAll athletia-vz GET findById PATCH susper

AthletIA

- Auth
 - POST Login
 - POST RegisterAccount
 - POST CompleteProfileSetup
 - PATCH ChangePassword
 - POST Logout
- Account
 - GET findAll
 - POST findById
 - POST suspend
 - PATCH ChangePassword
 - POST Logout
- Workout
- End-to-End Tests

POST Login PATCH Change POST Logout GET findAll athletia-vz GET findById PATCH susper

Account / suspend

PATCH ((domain)) /users/d8ea27d6-67fa-44f2-8185-78257ea91efa/suspend? Send

Params Authorization Headers (9) Body Scripts Settings Cookies

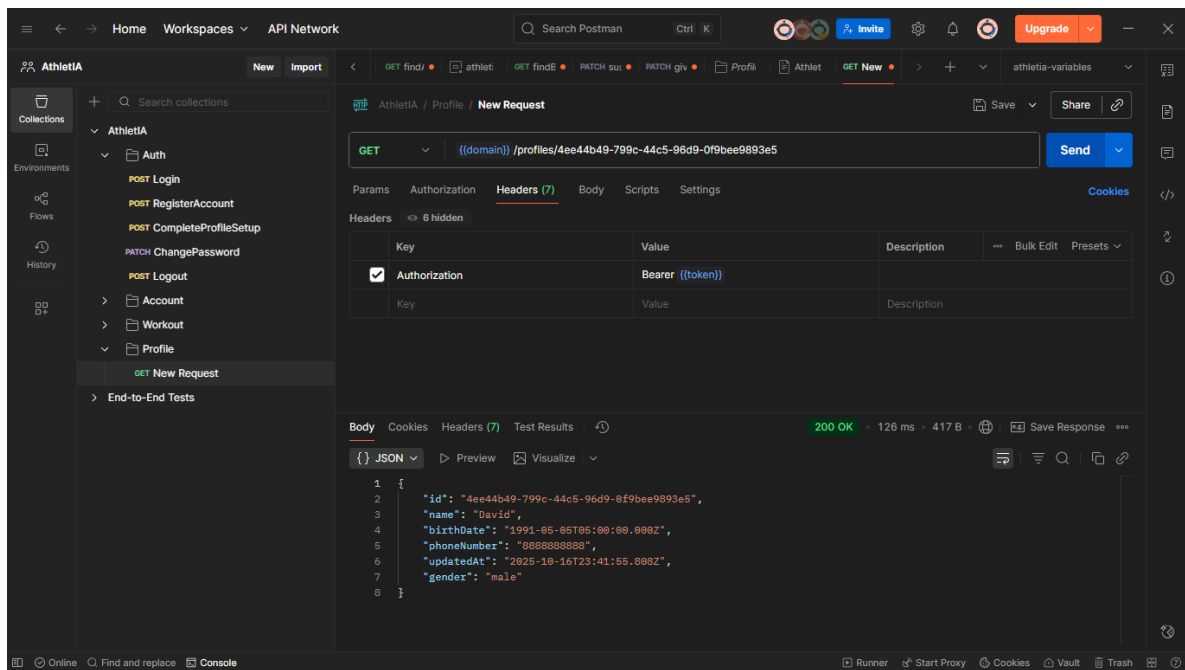
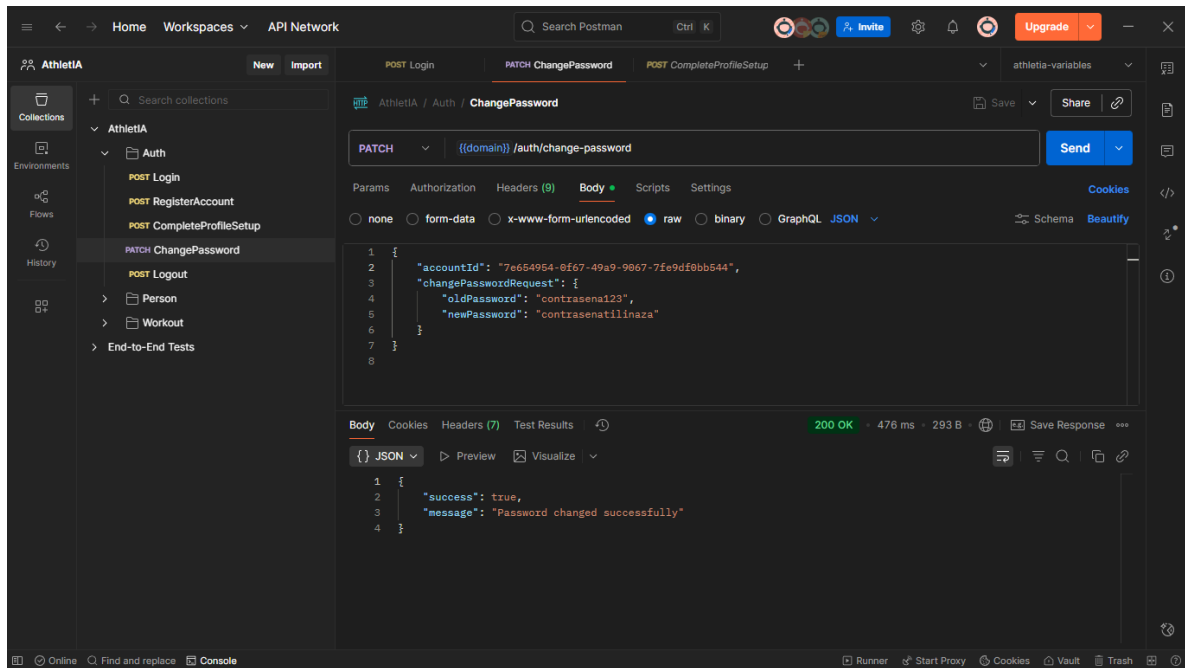
Headers 8 hidden

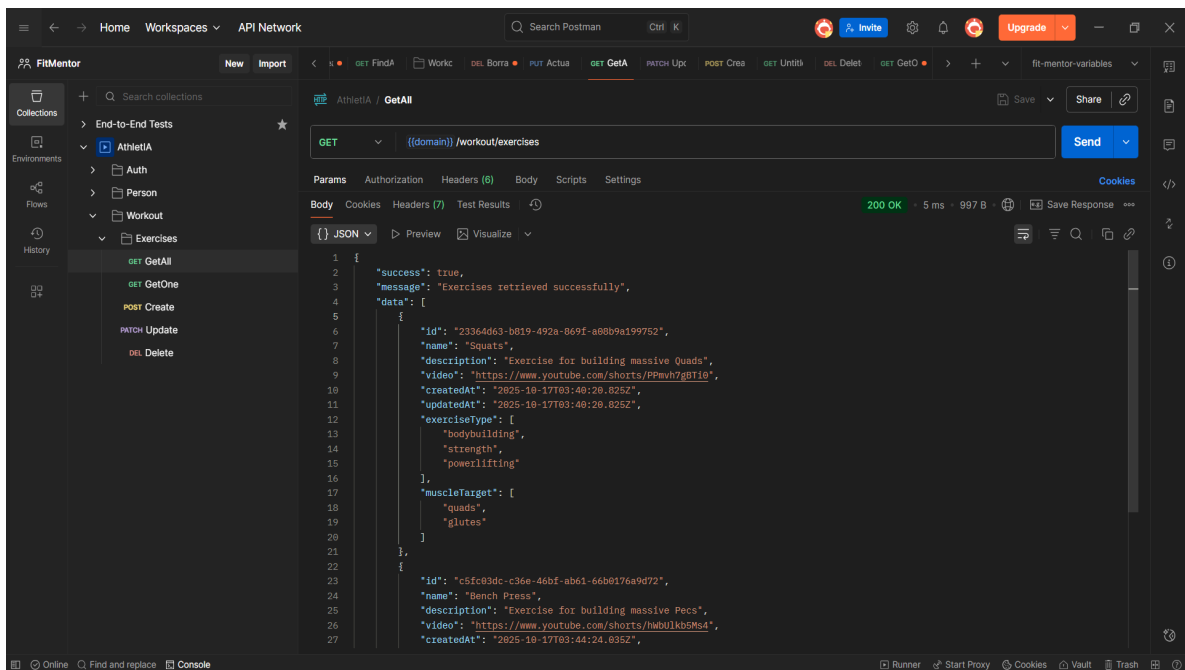
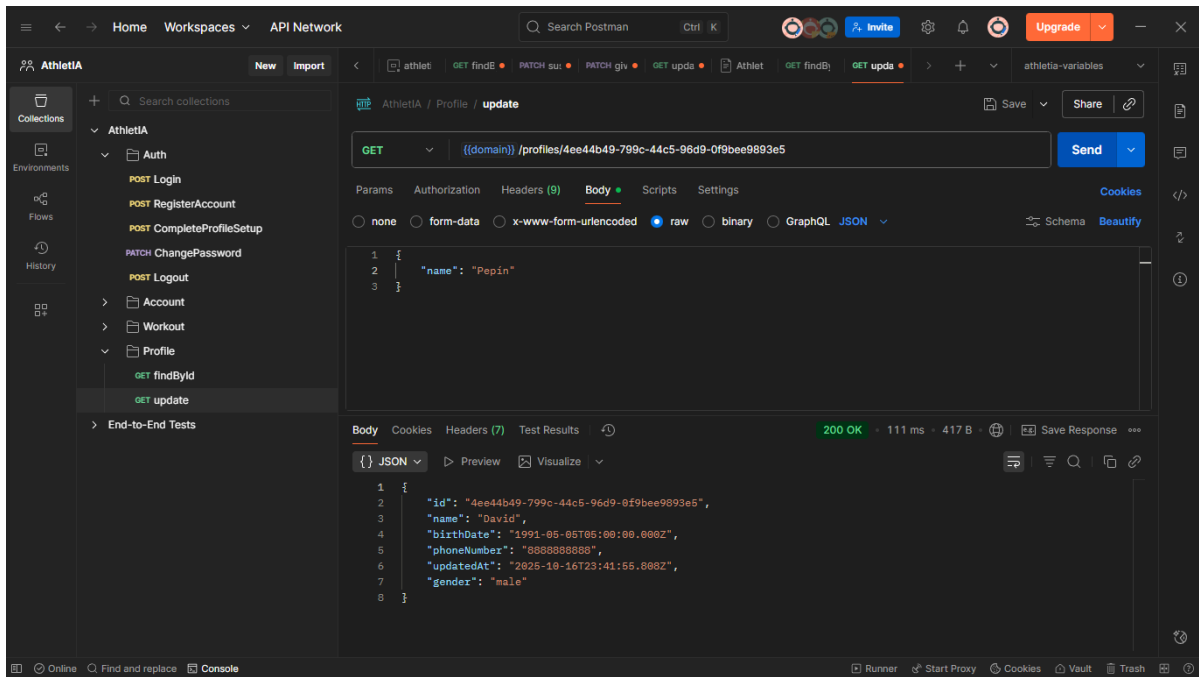
| Key | Value | Description |
|---------------|------------------|-------------|
| Authorization | Bearer ((token)) | |

Body Cookies Headers (7) Test Results 200 OK 90 ms 294 B Save Response

```
1 {
2   "success": true,
3   "message": "Account suspended successfully"
4 }
```

Online Find and replace Console Runner Start Proxy Cookies Vault Trash





FitMentor API Network

Search Postman Ctrl K

Home Workspaces API Network

FitMentor New Import

Collections + Search collections

End-to-End Tests

AthletIA

Auth

Person

Workout

Exercises

GET GetAll

GET GetOne

POST Create

PATCH Update

DEL Delete

AthletIA / Workout / Exercises / GetOne

GET {{domain}} /workout/exercises/23364d63-b819-492a-869f-a08b9a199752

Send

Params Authorization Headers (6) Body Scripts Settings

Body Cookies Headers (7) Test Results

200 OK 57 ms 641 B Save Response

JSON Preview Visualize

```
1 {
2   "success": true,
3   "message": "Exercise retrieved successfully",
4   "data": {
5     "id": "23364d63-b819-492a-869f-a08b9a199752",
6     "name": "Squats",
7     "description": "Exercise for building massive Quads",
8     "video": "https://www.youtube.com/shorts/PPmwh7g8T10",
9     "createdAt": "2025-10-17T03:40:28.025Z",
10    "updatedAt": "2025-10-17T03:40:28.025Z",
11    "exerciseType": [
12      "bodybuilding",
13      "strength",
14      "powerlifting"
15    ],
16    "muscleTarget": [
17      "quads",
18      "glutes"
19    ]
20  }
21 }
```

Online Find and replace Console Runner Start Proxy Cookies Vault Trash

FitMentor API Network

Search Postman Ctrl K

Home Workspaces API Network

FitMentor New Import

Collections + Search collections

End-to-End Tests

AthletIA

Auth

Person

Workout

Exercises

GET GetAll

GET GetOne

POST Create

PATCH Update

DEL Delete

AthletIA / Workout / Exercises / Delete

DELETE {{domain}} /workout/exercises/97b6eff-6adc-4b5f-825d-322246fb0ab6

Send

Params Authorization Headers (6) Body Scripts Settings

Query Params

| Key | Value | Description | Bulk Edit |
|-----|-------|-------------|-----------|
| Key | Value | Description | |

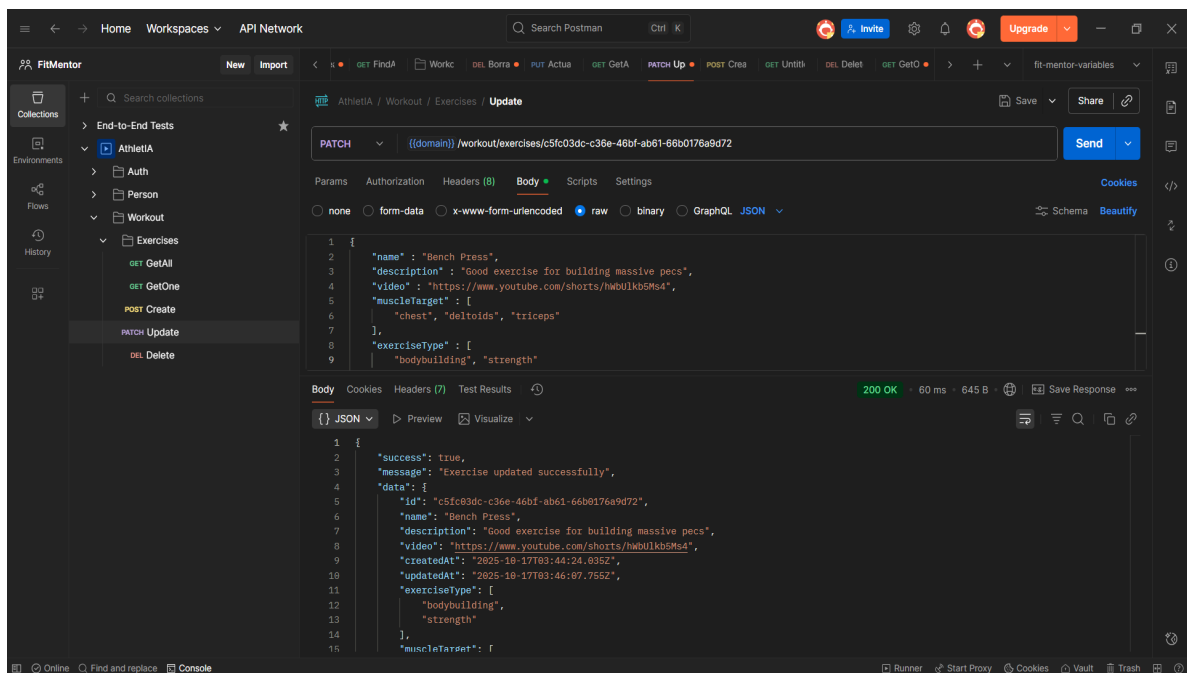
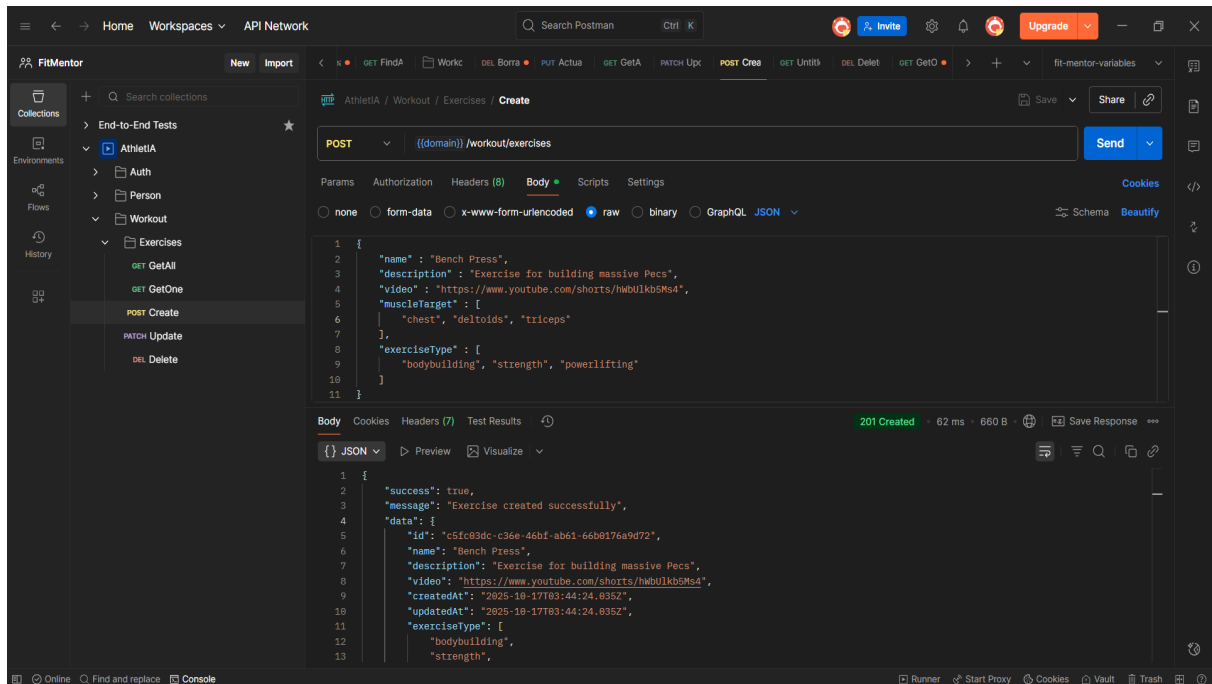
Body Cookies Headers (5) Test Results

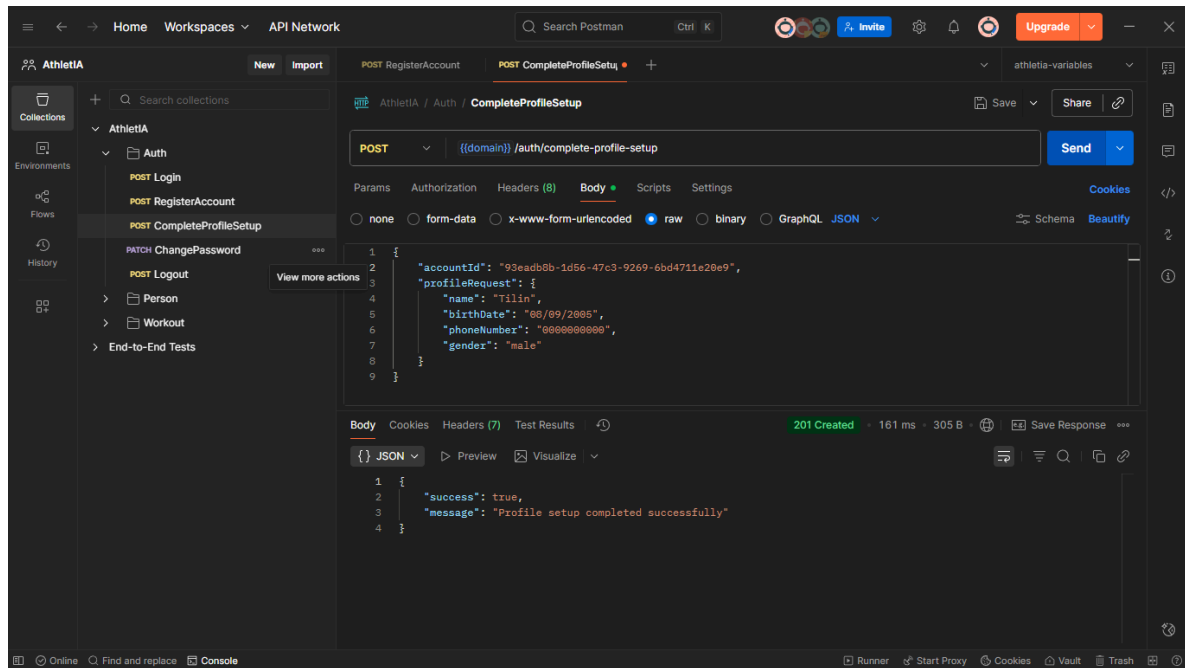
204 No Content 66 ms 176 B Save Response

Raw Preview Visualize

```
1
```

Online Find and replace Console Runner Start Proxy Cookies Vault Trash





Repositorio de GitHub:

<https://github.com/GabrielCevallos/AthletIA>