**Link Github**

**Documentación de la api con postman:**

### 1.- Autenticación con Postman:

Registrar un usuario:
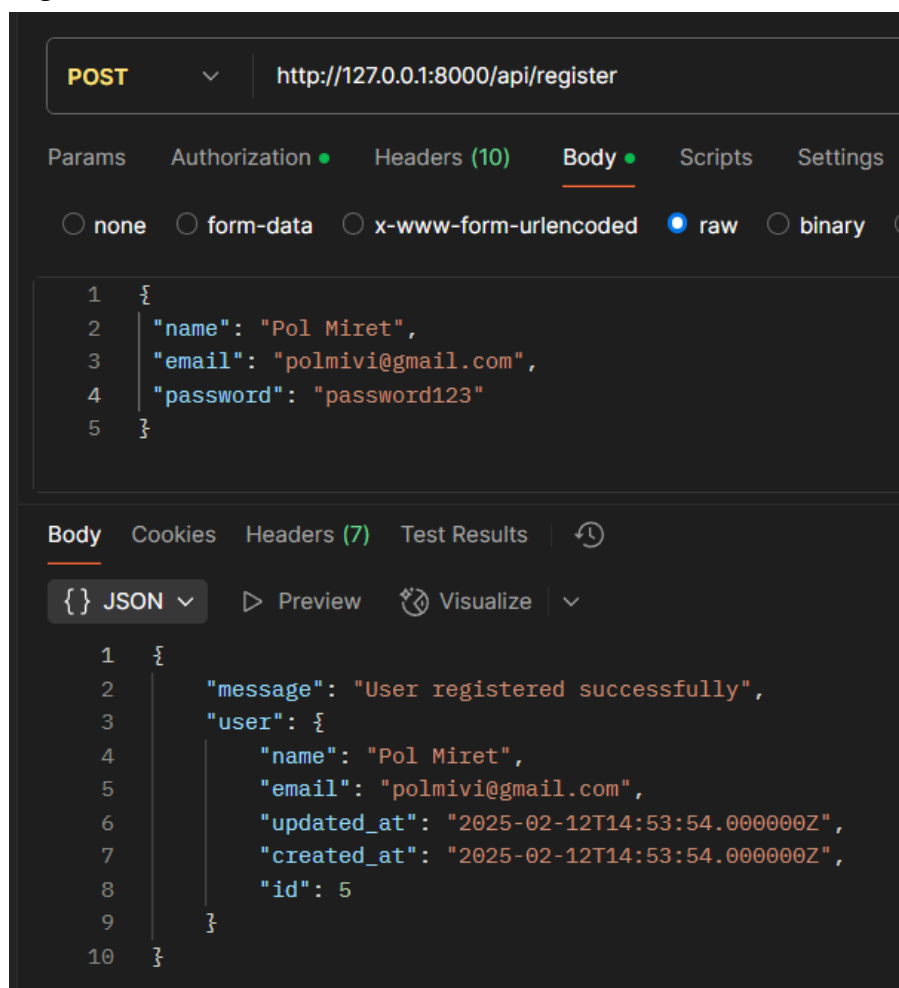
Iniciar sesión:



```
POST          v    http://127.0.0.1:8000/api/login

Params   Authorization •   Headers (10)   Body •   Scripts   Settings

○ none  ○ form-data  ○ x-www-form-urlencoded  ● raw  ○ binary  ○ GraphQL

1   {
2     "email": "polmivi@gmail.com",
3     "password": "password123"
4   }

Body   Cookies   Headers (7)   Test Results    ⟳

{} JSON v    ▷ Preview    Visualize   v

1   {
2       "message": "Login successful",
3       "token": "5|ktXPvqutnv92oVFgEDgRbrQQnuXJoQvbn1l4aqtKba56b324",
4       "user": {
5           "id": 5,
6           "name": "Pol Miret",
7           "email": "polmivi@gmail.com",
8           "email_verified_at": null,
9           "created_at": "2025-02-12T14:53:54.000000Z",
10          "updated_at": "2025-02-12T14:53:54.000000Z"
11      }
```

Obtener datos del usuario autenticado:



```
GET          v    http://127.0.0.1:8000/api/me

Params   Authorization •   Headers (8)   Body   Scripts   Settings

Auth Type
                                          Token
Bearer Token                    v                    5|ktXPvqutnv92oVFgEDgRbrQQnuXJoQvbn...

The authorization header will be automatically

Body   Cookies   Headers (7)   Test Results    ⟳                                    200 OK

{} JSON v    ▷ Preview    Visualize   v

1   {
2       "user": {
3           "id": 5,
4           "name": "Pol Miret",
5           "email": "polmivi@gmail.com",
6           "email_verified_at": null,
7           "created_at": "2025-02-12T14:53:54.000000Z",
8           "updated_at": "2025-02-12T14:53:54.000000Z"
9       }
```
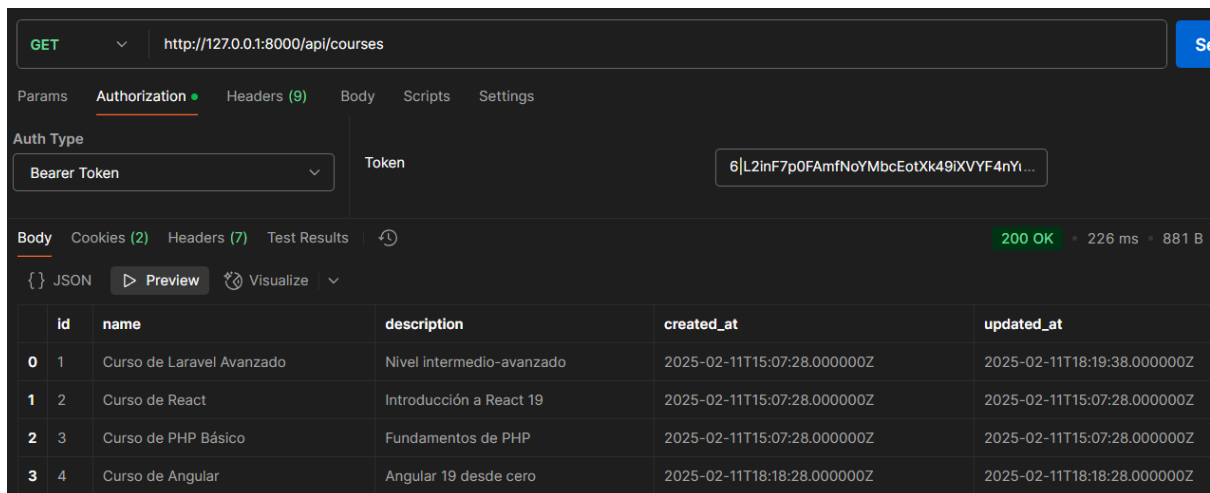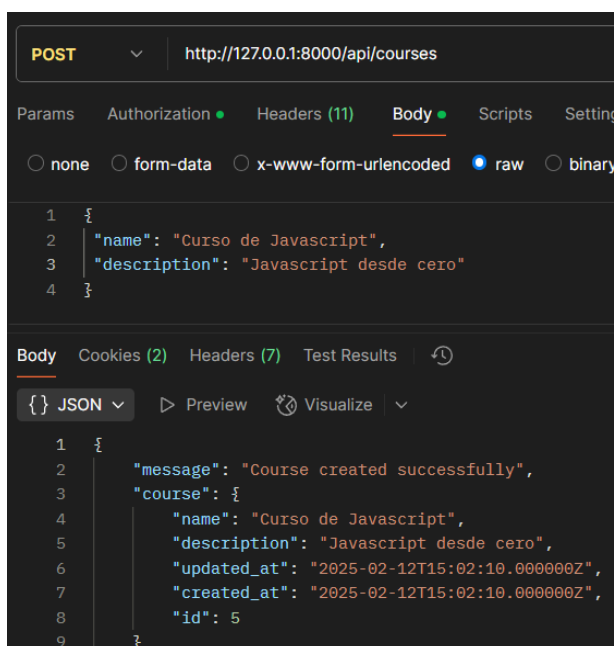
Cerrar sesión:
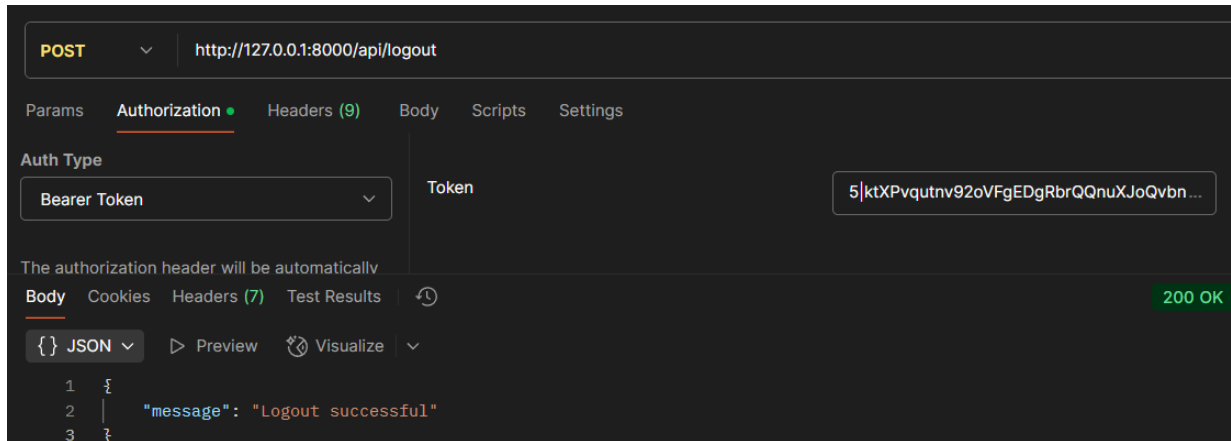


## 2.- Pruebas para CourseController:

1 Listar cursos:



2 Crear un curso:

3 Mostrar un curso específico:



4 Actualizar un curso:

5 Eliminar un curso:



```
DELETE          http://127.0.0.1:8000/api/courses/1

Params    Authorization •    Headers (9)    Body    Scripts    Settings

Auth Type
Bearer Token                              Token        6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYui
                                                       SkeOUc266670d

Body    Cookies (2)    Headers (7)    Test Results                        200 OK

{ } JSON ∨    ▷ Preview    Visualize  ∨
    1    {
    2        "message": "Course deleted\nsuccessfully"
    3    }
```

## Pruebas para SubjectController:

1 Listar asignaturas:



```
GET             http://127.0.0.1:8000/api/subjects

Params    Authorization •    Headers (9)    Body    Scripts    Settings

Auth Type
Bearer Token                              Token        6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYui
                                                       SkeOUc266670d

Body    Cookies (2)    Headers (7)    Test Results                        200 OK

{ } JSON ∨    ▷ Preview    Visualize  ∨
    1    [
    2        {
    3            "id": 4,
    4            "name": "Programación Backend",
    5            "course_id": 2,
    6            "teacher_id": 1,
    7            "created_at": "2025-02-12T15:12:22.000000Z",
    8            "updated_at": "2025-02-12T15:12:22.000000Z"
    9        }
```

2 Crear una asignatura:

```
POST        ∨    http://127.0.0.1:8000/api/subjects

Params    Authorization ●    Headers (11)    Body ●    Scripts    Settin

○ none    ○ form-data    ○ x-www-form-urlencoded    ● raw    ○ binar

1  {
2    "name": "Base de Datos",
3    "course_id": 2,
4    "teacher_id": 1
5  }
```
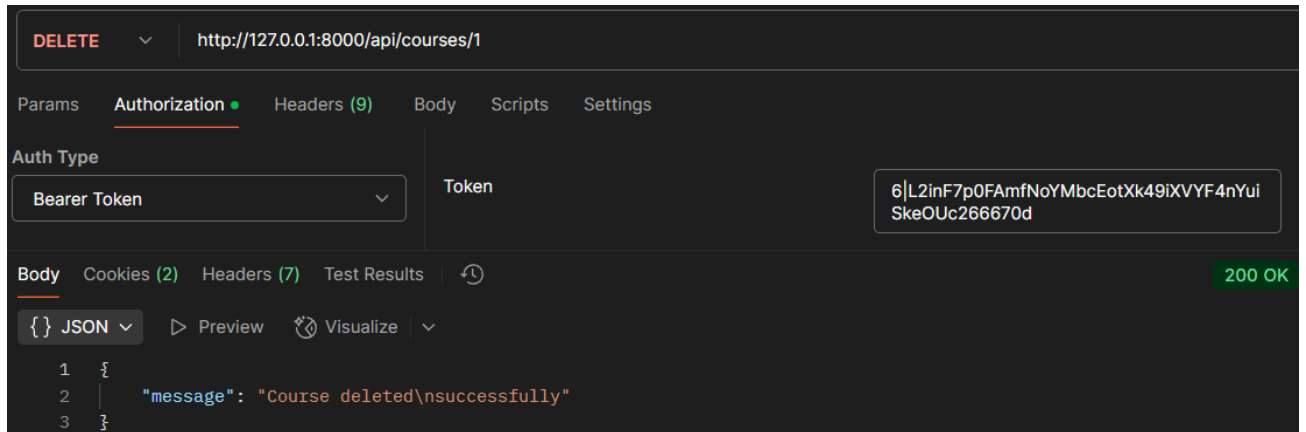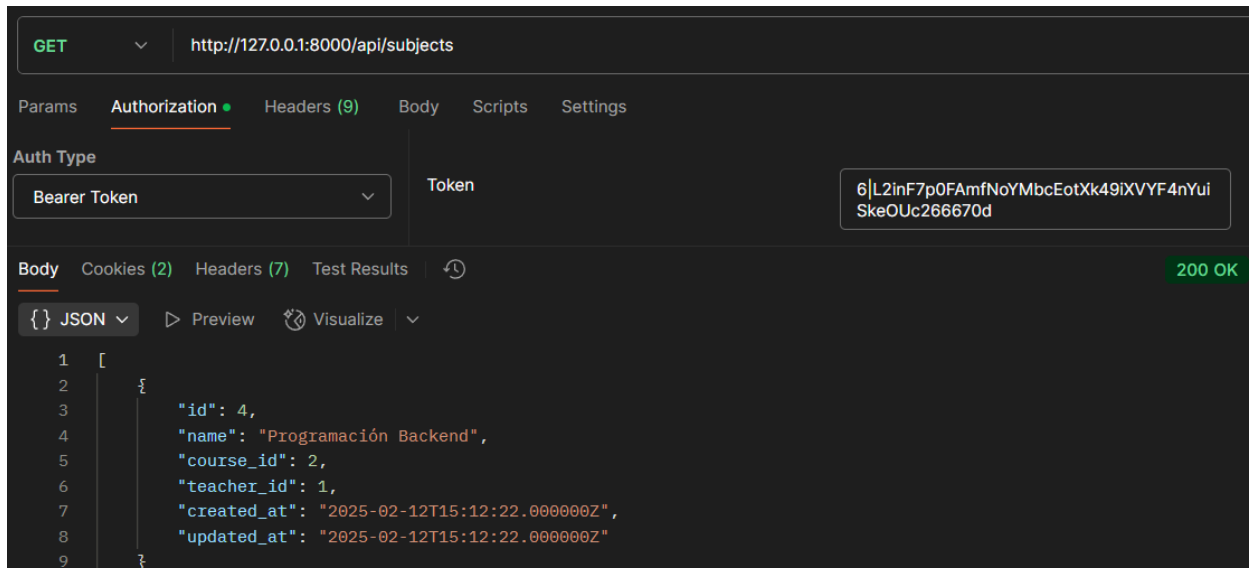
Body    Cookies (2)    Headers (7)    Test Results    🕐

{ } JSON ∨    ▷ Preview    ✨ Visualize    ∨

```
1  {
2      "message": "Subject created successfully",
3      "subject": {
4          "name": "Base de Datos",
5          "course_id": 2,
6          "teacher_id": 1,
7          "updated_at": "2025-02-12T15:13:30.000000Z",
8          "created_at": "2025-02-12T15:13:30.000000Z",
9          "id": 5
10     }
```

3 Mostrar una asignatura:

```
GET        ∨    http://127.0.0.1:8000/api/subjects/5

Params    Authorization ●    Headers (9)    Body    Scripts    Settings

Auth Type                                    Token

Bearer Token                          ∨              6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYui
                                                      SkeOUc266670d
```

Body    Cookies (2)    Headers (7)    Test Results    🕐                                    200 OK

{ } JSON ∨    ▷ Preview    ✨ Visualize    ∨

```
1  {
2      "id": 5,
3      "name": "Base de Datos",
4      "course_id": 2,
5      "teacher_id": 1,
6      "created_at": "2025-02-12T15:13:30.000000Z",
7      "updated_at": "2025-02-12T15:13:30.000000Z"
8  }
```

## 4 Actualizar una asignatura:
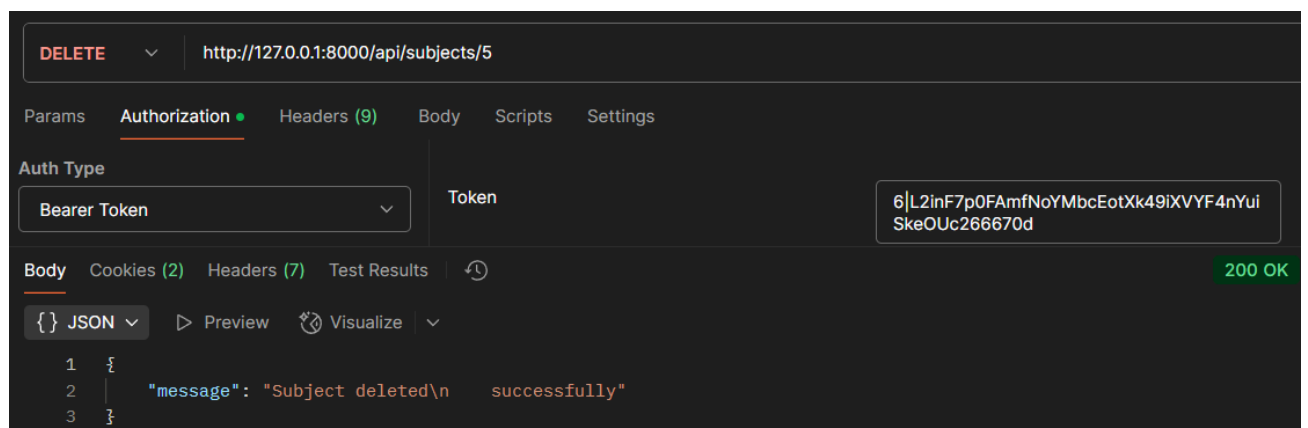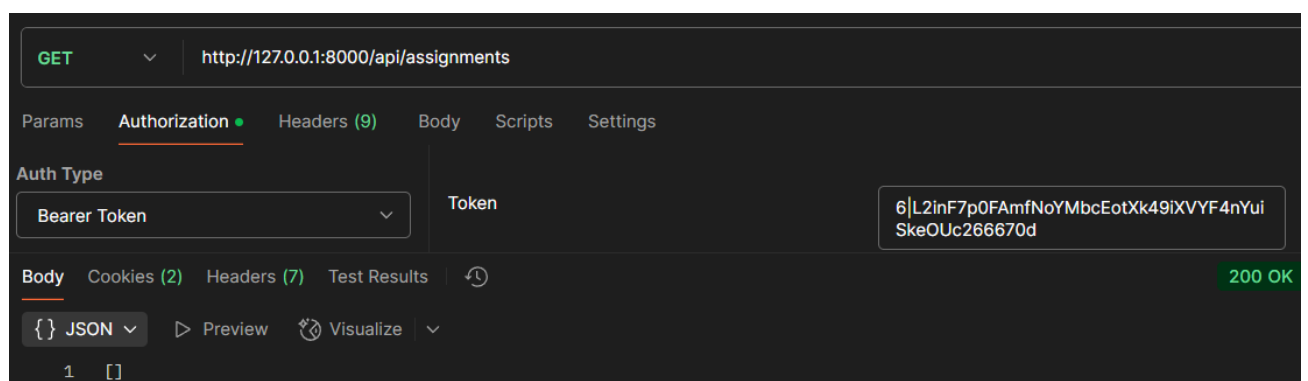
```
PUT        http://127.0.0.1:8000/api/subjects/5

Params    Authorization ●   Headers (11)   Body ●   Scripts   Setting

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary

1   {
2       "name": "Base de Datos avanzada"
3   }
```

```
Body   Cookies (2)   Headers (7)   Test Results

{} JSON ∨   ▷ Preview   Visualize   ∨

1   {
2       "message": "Subject updated successfully",
3       "subject": {
4           "id": 5,
5           "name": "Base de Datos avanzada",
6           "course_id": 2,
7           "teacher_id": 1,
8           "created_at": "2025-02-12T15:13:30.000000Z",
9           "updated_at": "2025-02-12T15:15:15.000000Z"
10      }
```

## 5 Eliminar una asignatura:

```
DELETE     http://127.0.0.1:8000/api/subjects/5

Params    Authorization ●   Headers (9)   Body   Scripts   Settings

Auth Type                           Token         6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYui
Bearer Token                    ∨                 SkeOUc266670d

Body   Cookies (2)   Headers (7)   Test Results                          200 OK

{} JSON ∨   ▷ Preview   Visualize   ∨

1   {
2       "message": "Subject deleted\n    successfully"
3   }
```

## Pruebas para AssignmentController (Tareas):

### 1 Listar tareas:

```
GET        http://127.0.0.1:8000/api/assignments

Params    Authorization ●   Headers (9)   Body   Scripts   Settings

Auth Type                           Token         6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYui
Bearer Token                    ∨                 SkeOUc266670d

Body   Cookies (2)   Headers (7)   Test Results                          200 OK

{} JSON ∨   ▷ Preview   Visualize   ∨

1   []
```

## 2 Crear tarea:

```
POST  ∨  http://127.0.0.1:8000/api/assignments
```

Params   Authorization ●   Headers (11)   **Body** ●   Scripts   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○

```
1  {
2    "title": "Proyecto Final",
3    "description": "Crear un sistema con Laravel 11",
4    "due_date": "2025-02-28 23:59:59",
5    "subject_id": 4
6  }
```

**Body**   Cookies (2)   Headers (7)   Test Results   ⟲

{ } JSON ∨   ▷ Preview   Visualize   ∨

```
1  {
2      "message": "Assignment created successfully",
3      "assignment": {
4          "title": "Proyecto Final",
5          "description": "Crear un sistema con Laravel 11",
6          "due_date": "2025-02-28 23:59:59",
7          "subject_id": 4,
8          "updated_at": "2025-02-12T15:26:58.000000Z",
9          "created_at": "2025-02-12T15:26:58.000000Z",
10         "id": 1
11     }
```

## 3 Mostrar tarea:

```
GET  ∨  http://127.0.0.1:8000/api/assignments/1
```

Params   Authorization ●   Headers (9)   Body   Scripts   Settings

Auth Type

Bearer Token ∨

Token    6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYi...

**Body**   Cookies (2)   Headers (7)   Test Results   ⟲                200 OK

{ } JSON ∨   ▷ Preview   Visualize   ∨

```
1  {
2      "id": 1,
3      "title": "Proyecto Final",
4      "description": "Crear un sistema con Laravel 11",
5      "due_date": "2025-02-28 23:59:59",
6      "subject_id": 4,
7      "created_at": "2025-02-12T15:26:58.000000Z",
8      "updated_at": "2025-02-12T15:26:58.000000Z"
9  }
```
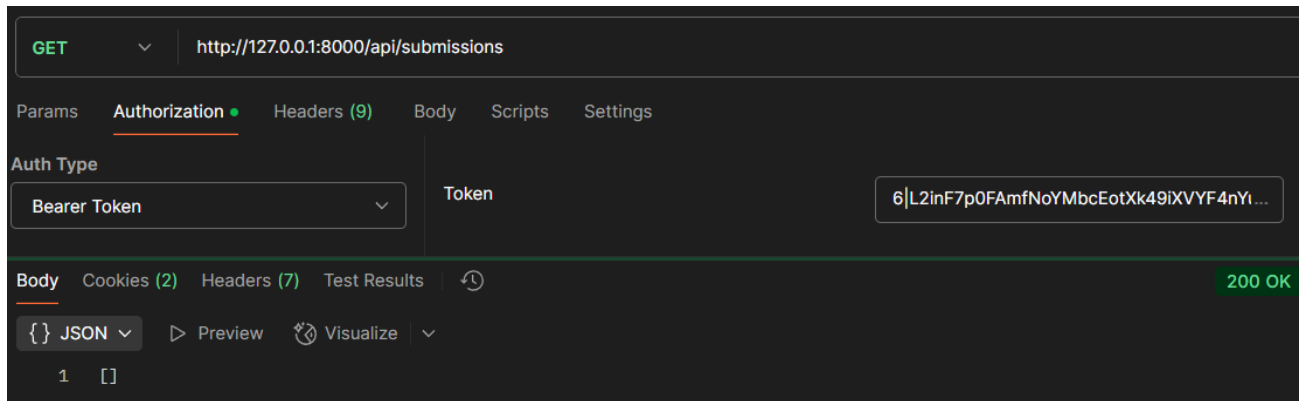
## 4 Actualizar tarea:

```
PUT              http://127.0.0.1:8000/api/assignments/1
```

Params    Authorization •    Headers (11)    **Body** •    Scripts    Settings

○ none    ○ form-data    ○ x-www-form-urlencoded    ● raw    ○ binary
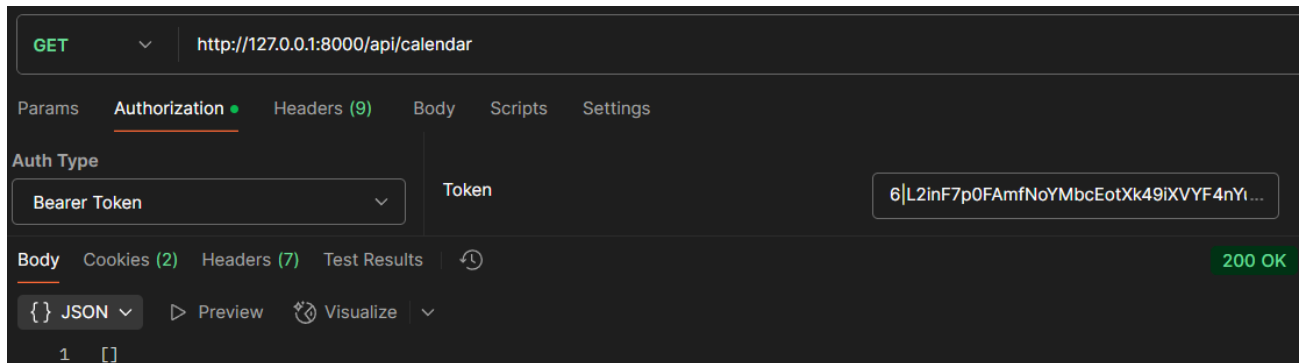
```
1  {
2    "title": "Proyecto Actualizado",
3    "description": "Nueva fecha de entrega",
4    "due_date": "2025-03-05 23:59:59"
5  }
```

**Body**    Cookies (2)    Headers (7)    Test Results

{} JSON ∨    ▷ Preview    Visualize    ∨

```
1  {
2        "message": "Assignment updated successfully",
3        "assignment": {
4            "id": 1,
5            "title": "Proyecto Actualizado",
6            "description": "Nueva fecha de entrega",
7            "due_date": "2025-03-05 23:59:59",
8            "subject_id": 4,
9            "created_at": "2025-02-12T15:26:58.000000Z",
10            "updated_at": "2025-02-12T15:28:47.000000Z"
11        }
```

## 5 Eliminar tarea:

```
DELETE    ∨    http://127.0.0.1:8000/api/assignments/1
```

Params    **Authorization** •    Headers (9)    Body    Scripts    Settings
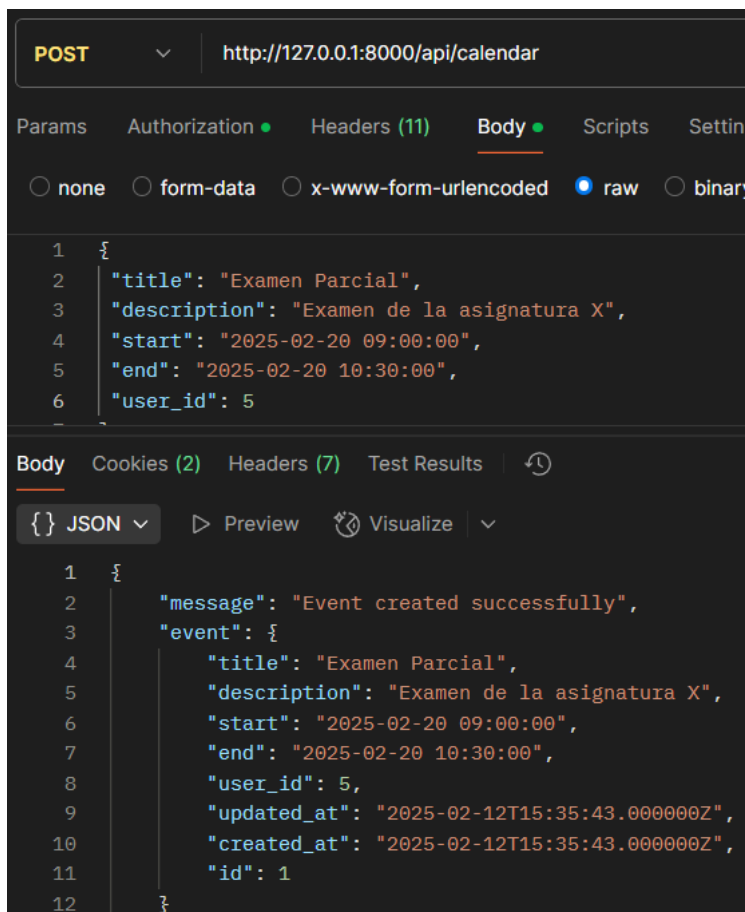
Auth Type

| Bearer Token | ∨ |

Token

6|L2inF7p0FAmfNoYMbcEotXk49iXVYF4nYi...

**Body**    Cookies (2)    Headers (7)    Test Results    |    ⟳    200 OK

{} JSON ∨    ▷ Preview    Visualize    ∨

```
1  {
2        "message": "Assignment deleted successfully"
3  }
```

# Pruebas para SubmissionController (Entregas)

## 1 Listar entregas:



## 2 Crear entrega:
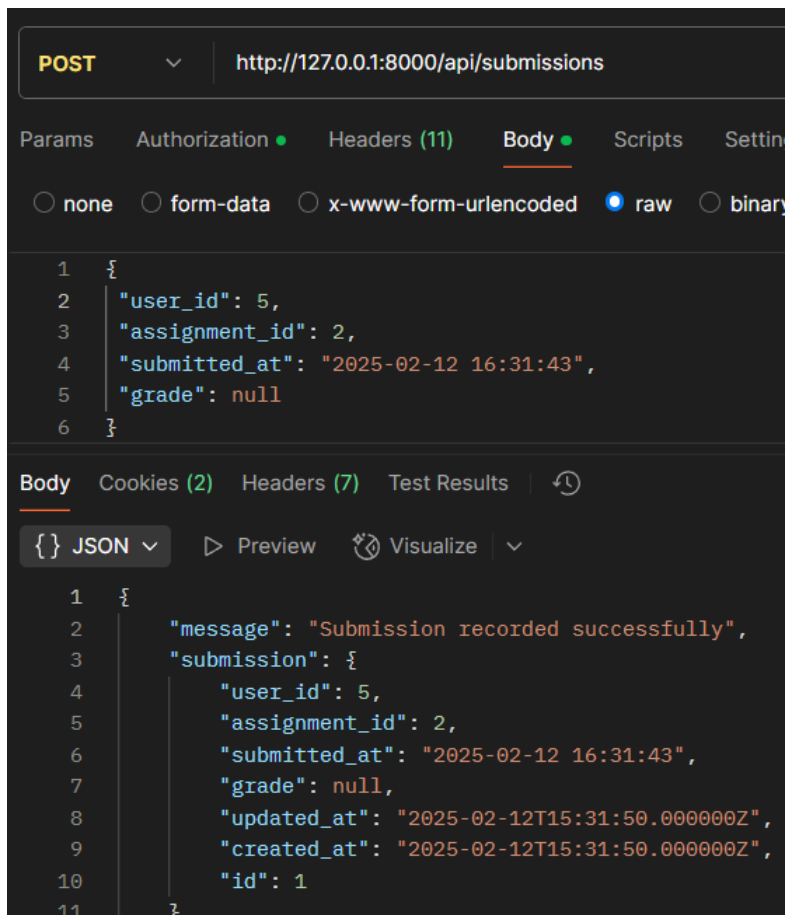
3 Mostrar entrega:



```json
{
    "id": 1,
    "user_id": 5,
    "assignment_id": 2,
    "submitted_at": "2025-02-12 16:31:43",
    "grade": null,
    "created_at": "2025-02-12T15:31:50.000000Z",
    "updated_at": "2025-02-12T15:31:50.000000Z"
}
```

4 Actualizar calificación:



```json
{
    "grade": "8.5"
}
```

```json
{
    "message": "Grade updated successfully",
    "submission": {
        "id": 1,
        "user_id": 5,
        "assignment_id": 2,
        "submitted_at": "2025-02-12 16:31:43",
        "grade": "8.5",
        "created_at": "2025-02-12T15:31:50.000000Z",
        "updated_at": "2025-02-12T15:33:27.000000Z"
    }
}
```

## Pruebas para CalendarEventController (Eventos):

1 Listar eventos:



2 Crear evento:

3 Mostrar evento:



4 Actualizar evento:

## Pruebas para MessageController (Mensajería Interna):

1 Listar mensajes del usuario autenticado:

GET    http://127.0.0.1:8000/api/messages

Params    Authorization ●    Headers (9)    Body    Scripts    Settings

Auth Type

Bearer Token                          Token            6|L2inF7pOFAmfNoYMbcEotXk49iXVYF4nY...

Body    Cookies (2)    Headers (7)    Test Results                              200 OK

{ } JSON ∨    ▷ Preview    🎨 Visualize    ∨

```
1    []
```

2 Enviar un mensaje:

POST    http://127.0.0.1:8000/api/messages

Params    Authorization ●    Headers (11)    Body ●    Scripts    Settin

○ none    ○ form-data    ○ x-www-form-urlencoded    ● raw    ○ binar

```
1    {
2      "receiver_id": 4,
3      "content": "¡Hola, qué tal!"
4    }
```
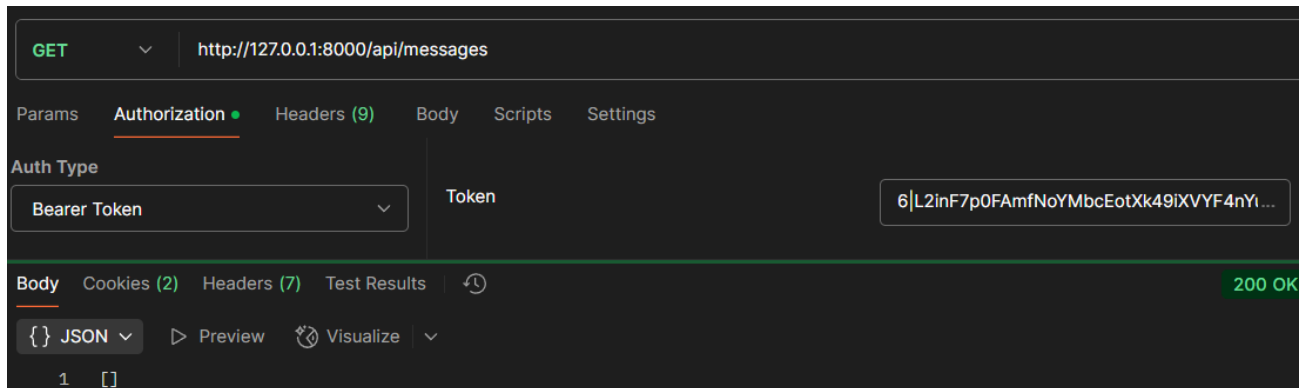
Body    Cookies (2)    Headers (7)    Test Results

{ } JSON ∨    ▷ Preview    🎨 Visualize    ∨

```
1    {
2        "message": "Message sent successfully",
3        "data": {
4            "sender_id": 5,
5            "receiver_id": 4,
6            "content": "¡Hola, qué tal!",
7            "updated_at": "2025-02-12T15:39:18.000000Z",
8            "created_at": "2025-02-12T15:39:18.000000Z",
9            "id": 1
10        }
```

## 3 Conversación con un usuario:

```
GET    ∨    http://127.0.0.1:8000/api/messages/conversation/4

Params    Authorization ●    Headers (9)    Body    Scripts    Settings

Auth Type
Bearer Token            ∨        Token        6|L2inF7pOFAmfNoYMbcEotXk49iXVYF4nY...

Body    Cookies (2)    Headers (7)    Test Results    🕐                        200 OK

{} JSON ∨    ▷ Preview    🔆 Visualize    ∨

 1   [
 2       {
 3           "id": 1,
 4           "sender_id": 5,
 5           "receiver_id": 4,
 6           "content": "¡Hola, qué tal!",
 7           "is_read": 0,
 8           "created_at": "2025-02-12T15:39:18.000000Z",
 9           "updated_at": "2025-02-12T15:39:18.000000Z"
10       }
11   ]
```

## 4 Marcar mensaje como leído:

```
PUT    ∨    http://127.0.0.1:8000/api/messages/1/read

Params    Authorization ●    Headers (10)    Body    Scripts    Settings

Auth Type
Bearer Token            ∨        Token        6|L2inF7pOFAmfNoYMbcEotXk49iXVYF4nY...

Body    Cookies (2)    Headers (7)    Test Results    🕐                        200 OK

{} JSON ∨    ▷ Preview    🔆 Visualize    ∨

 1   {
 2       "message": "Message marked as read"
 3   }
```

## 5 Eliminar un mensaje:
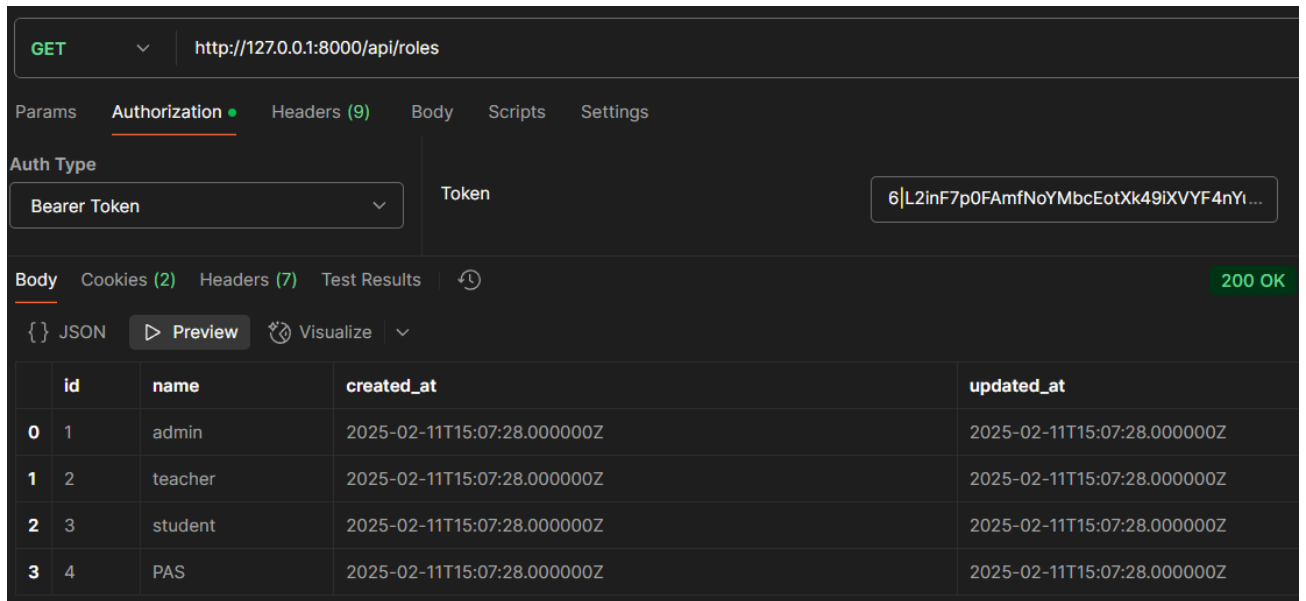
```
DELETE    ∨    http://127.0.0.1:8000/api/messages/1

Params    Authorization ●    Headers (9)    Body    Scripts    Settings

Auth Type
Bearer Token            ∨        Token        6|L2inF7pOFAmfNoYMbcEotXk49iXVYF4nY...

Body    Cookies (2)    Headers (7)    Test Results    🕐                        200 OK

{} JSON ∨    ▷ Preview    🔆 Visualize    ∨

 1   {
 2       "message": "Message deleted\n    successfully"
 3   }
```
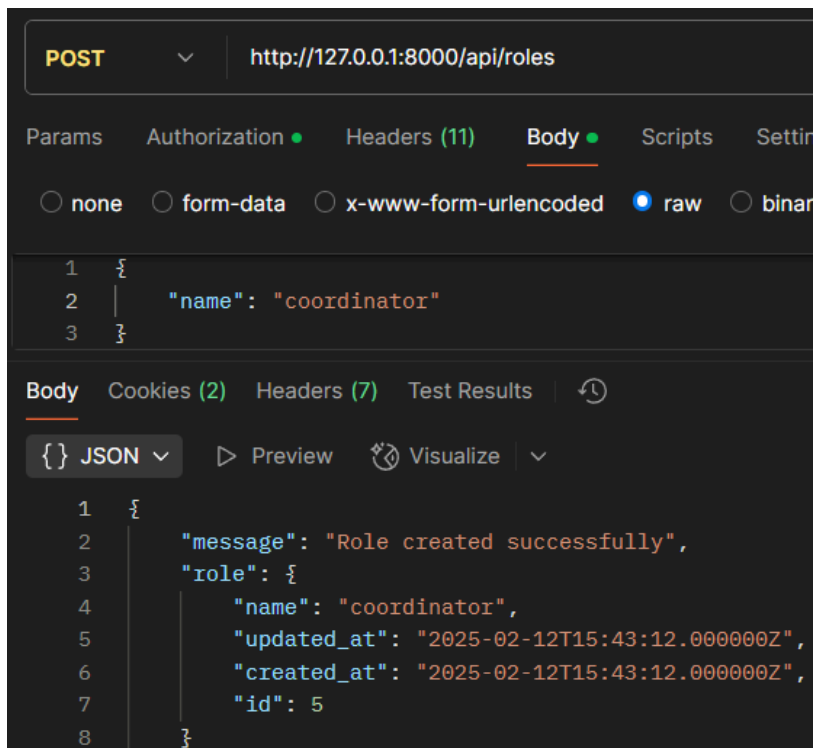
**Pruebas para RoleController (Roles):**

1 Listar roles:



2 Crear un rol:

3 Asignar rol a un usuario:

POST      http://127.0.0.1:8000/api/users/5/assign-role

Params    Authorization ●    Headers (11)    Body ●    Scripts

○ none    ○ form-data    ○ x-www-form-urlencoded    ● raw
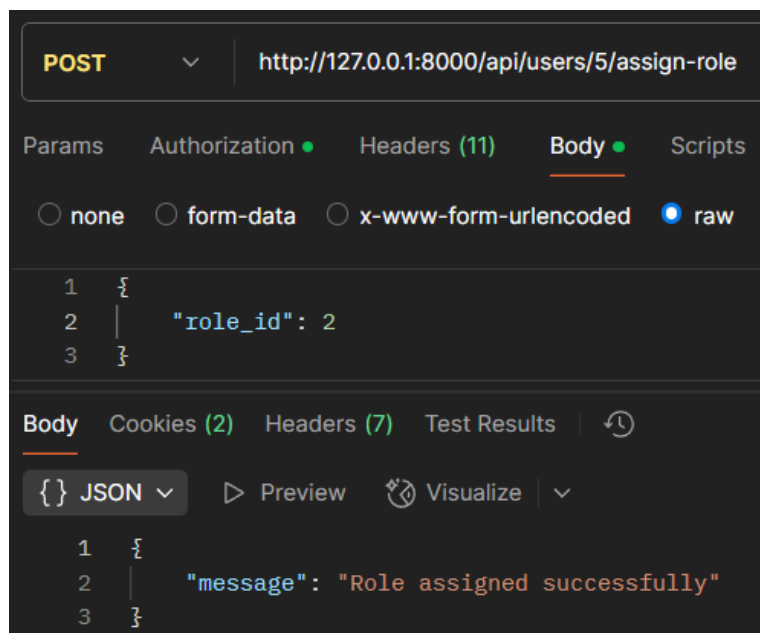
```
1  {
2      "role_id": 2
3  }
```

Body    Cookies (2)    Headers (7)    Test Results

{} JSON ⌄    ▷ Preview    Visualize  ⌄

```
1  {
2      "message": "Role assigned successfully"
3  }
```

4 Remover rol de un usuario:

POST      http://127.0.0.1:8000/api/users/5/remove-role

Params    Authorization ●    Headers (11)    Body ●    Scripts

○ none    ○ form-data    ○ x-www-form-urlencoded    ● raw

```
1  {
2      "role_id": 2
3  }
```

Body    Cookies (2)    Headers (7)    Test Results

{} JSON ⌄    ▷ Preview    Visualize  ⌄

```
1  {
2      "message": "Role removed successfully"
3  }
```