

2311104023
Yoga Eka Pratama
SE0701

Jurnal Modul 09

The screenshot displays the OpenAPI SwaggerUI preview for a RESTful API. The interface is split into two panels. The left panel shows the Explorer, Explorer, and Source Control views. The right panel shows the OpenAPI SwaggerUI preview. The preview is for a POST endpoint /api/Movies. It includes a description, parameters, request body, and responses.

Endpoint: POST /api/Movies Add a new movie

Description: Menambahkan Movie baru ke dalam list

Parameters: No parameters

Request body: required application/json

Example Value:

```
{
  "Title": "Tenet",
  "Director": "Christopher Nolan",
  "Stars": [
    "John David Washington",
    "Robert Pattinson",
    "Elizabeth Debicki"
  ],
  "Description": "Armed with only one word, Tenet, and fighting f
or the survival of the entire world."
}
```

Responses:

| Code | Description | Links |
|------|----------------------------|----------|
| 201 | Movie berhasil ditambahkan | No links |

The second screenshot shows the same OpenAPI SwaggerUI preview, but with a different endpoint selected: GET /api/Movies. The description is "Mendapatkan semua data Movies". The parameters section shows a query parameter "page" with a description "Nomor halaman". The request body is not required. The example value is a JSON object with "Title", "Director", "Stars", and "Description" fields.

Endpoint: GET /api/Movies

Description: Mendapatkan semua data Movies

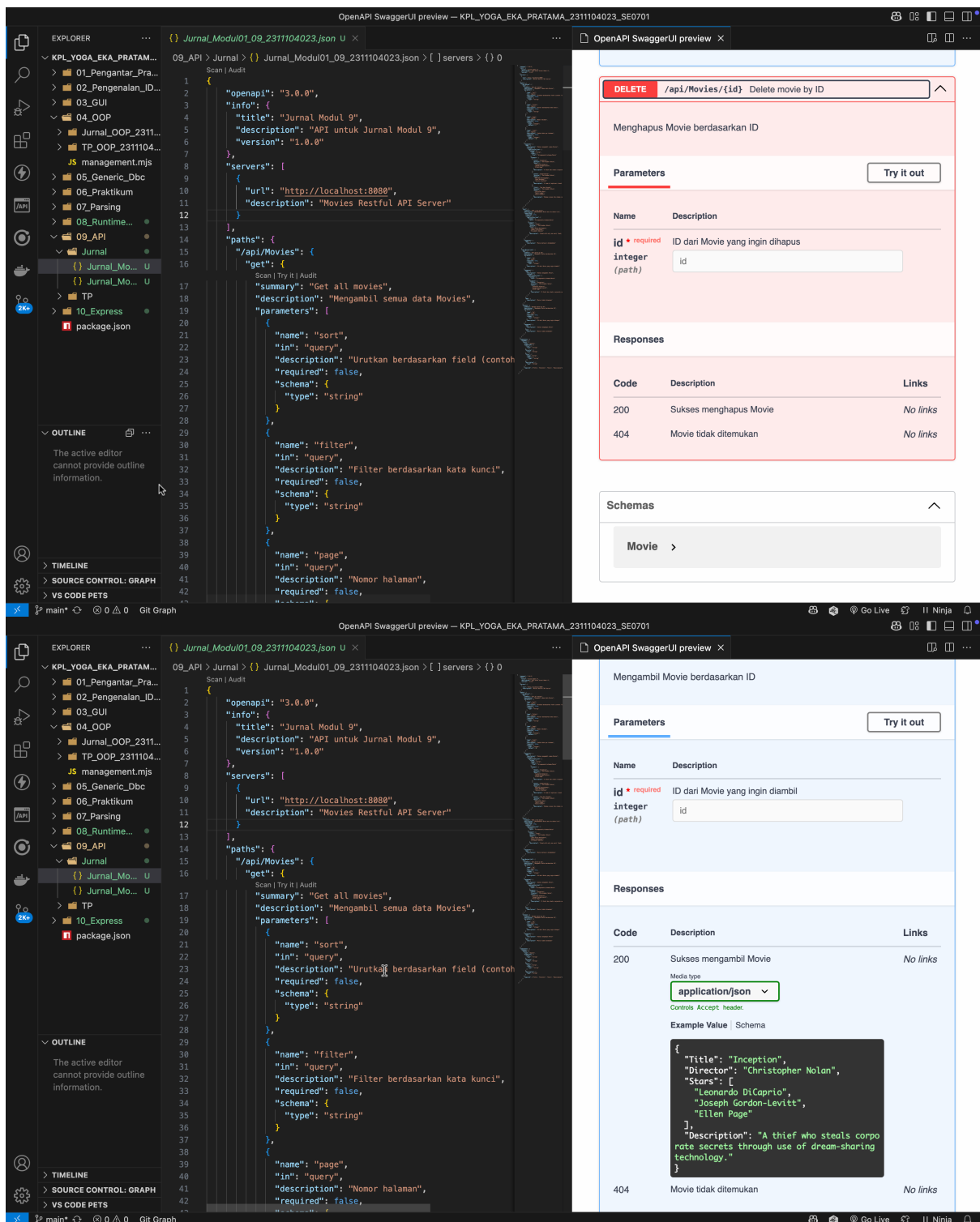
Parameters:

| Name | In | Type | Required | Description |
|------|-------|--------|----------|---------------|
| page | query | string | false | Nomor halaman |

Request body: Not required

Example Value:

```
{
  "Title": "Inception",
  "Director": "Christopher Nolan",
  "Stars": [
    "Leonardo DiCaprio",
    "Joseph Gordon-Levitt",
    "Ellen Page"
  ],
  "Description": "A thief who steals corporate secrets through use of dream-sharing technology."
},
{
  "Title": "Interstellar",
  "Director": "Christopher Nolan",
  "Stars": [
    "Matthew McConaughey",
    "Anne Hathaway",
    "Jessica Chastain"
  ],
  "Description": "A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival."
}
```



Penjelasan:

GET

Digunakan untuk **mengambil data** dari server.

- GET /api/Movies: Mengambil seluruh daftar film, dapat disertai query parameter seperti sort, filter, page, dan limit untuk pengurutan, pencarian, dan paginasi data.

- GET /api/Movies/{id}: Mengambil detail satu film berdasarkan id. Jika id tidak ditemukan, akan menghasilkan respon 404 (*Not Found*).

POST

Digunakan untuk **menambahkan data baru** ke server.

- POST /api/Movies: Menambahkan data film baru. Permintaan harus menyertakan JSON body yang berisi informasi lengkap seperti Title, Director, Stars, dan Description. Jika berhasil, server merespon dengan status 201 (*Created*).

DELETE

Digunakan untuk **menghapus data** yang ada di server.

- DELETE /api/Movies/{id}: Menghapus film berdasarkan id. Jika id valid, data dihapus dan server memberikan status 200 (*OK*); jika tidak ditemukan, maka akan dikembalikan status 404.