TUGAS JURNAL KONSTRUKSI PERANGKAT LUNAK

MODUL IX

API



Disusun Oleh:

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SE06-3

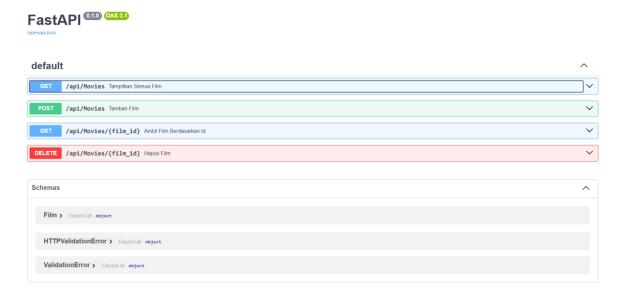
PROGRAM STUDI S1 SOFTWARE ENGINEERING FAKULTAS INFORMATIKA TELKOM UNIVERSITY PURWOKERTO 2024

TUGAS JURNAL FILM

A. film.ipynb

```
Pipip imatall fastapi uvicorn nest-asyncio pyngrok
          from fastapi import FastAPI, HTTPException
from pydantic import BaseModel
from typing import List
import sets proport import sets
import sets proport ngrok, conf
import setsorn
           conf.get_default().auth_token = "2xoeliLvBloewMCMdaY9KYsHiZ_SUTySbRnStUwMBEVf3jY
(6) class Film(BaseModel):
    title: str
                 director: str
cast: List[str]
synopsis: str
                         "title": "Inception",
"director": "Christopher Molan",
"cast": ["Leonardo DiCeptio", "Joseph Gordon-Levitt", "Ellen Page"],
"synopsis": "Seorang pencuri yang meniliki kemampuan untuk masuk ke dalam mimpi orang lain
                         "title": "Parasite",
"directar": "Bong Joon-ho",
"cast": ["Song Kang-ho", "Lee Sun-kyun", "Cho Yeo-jeong"],
"synonsis": "Keluarga miskin di Korea menyasup ke kehidupan keluarga ka
                   .get("/spi/Novies/(film.id)")
smbil_film_berdssarksm_id(film_id: int):
if 0 or film_id < len(film_storage):
return film_storage(film_id)
return ("statum": "gagai", "pessen": "film tidsk ditem&cen")
                   .post("/api/Novies")
tambah_film(film:Film):
film_storage.appand(film.dict())
return ("status": "berhasil", "pexan": "Film berhasil ditambahkan").
                 nest_asyrcio.apply()
turmel_arl = mgrok.commact(#8000)
print(" = Songger US:", turmel_arl.public_arl + "/docs")
print(" = PST (repoint:", turmel_arl.public_arl)
```

B. Output



C. Get Film

```
Request URL

https://e88b-14-186-28-137.ngrok-free.app/api/Movies

Server response

Code Details

Response body

Response body

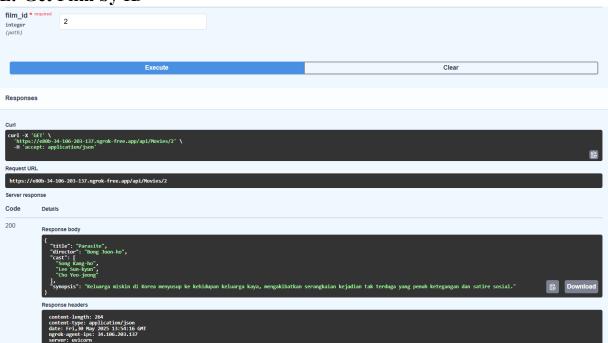
Response holds

"stite": "Interption",
"stite": "Interption,
"stite": "Interption,
"stite": "Interption,
"stite": "Parasite",
"s
```

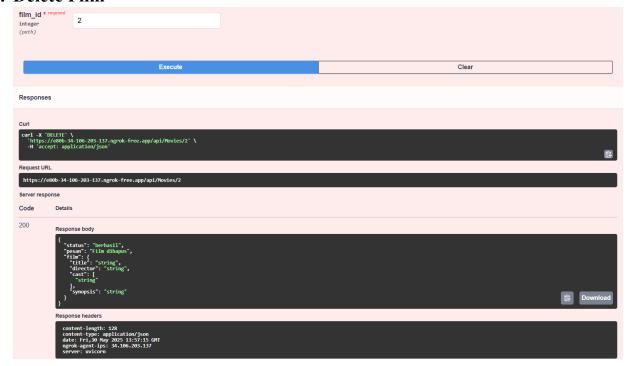
D. Post Film



E. Get Film by ID



F. Delete Film



Tugas Jurnal Mahasiswa

A. Mahasiswa.ipynb

```
from fastapi import FastAFT, HTTPException
from pydamtic import BaseModel
from typing import List
import mest sayncio
from pysgrok import mgrok, conf
import swizern
] class Mahasimas(BaseModel):
name: str
nim: str
course: List[str]
year: int
                    get("/api./Nebaximan/(id)")
et mehanimen by id(id: int):
f 0 on id < lem(mehanimen list):
return mahanimen list(id)
eturn ("error": "Nebazimen tidak ditemakan")
                     asyncia.apply()

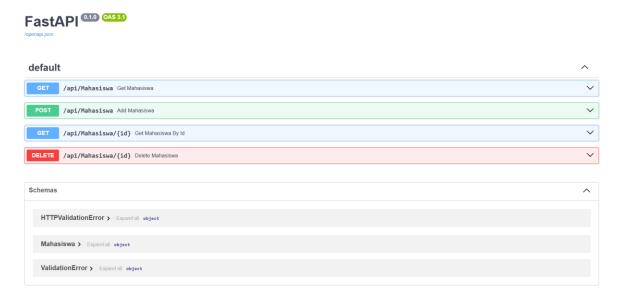
1 = ngrok.connect(8000)

(*θ Susgger Bocs:', tunnel.public_url + "/docs")

(*θ Susgger Bocs:', tunnel.public_url)

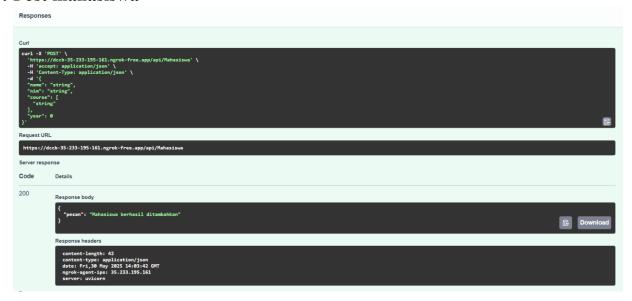
ra.run(app, port=8000)
```

B. Output

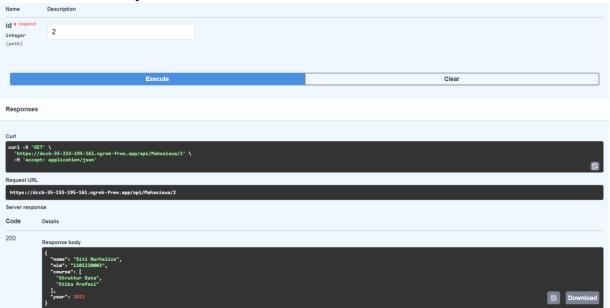


C. Get mahasiswa

D. Post mahasiswa



E. Get mahasiswa by ID



F. Delete mahasiswa

