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Tugas : Assignment 3

Link GitHub: <https://github.com/nelsonantonio14450/OCBC-H8/tree/main/assignment3/MoviesApi%20-%20MySQL>

Cara penggunaan:

- Buka aplikasinya dan terminal pada direktori yang sama
- Ketik "dotnet run"
- Buka browser dengan url "<https://localhost:5001/swagger/index.html>"
- Dan test masing-masing API yang ada

List Api:

Movies	
GET	/api/Movies
POST	/api/Movies
GET	/api/Movies/{id}
PUT	/api/Movies/{id}
DELETE	/api/Movies/{id}
GET	/api/Movies/GetAct/{act}
GET	/api/Movies/GetDate/{date1}, {date2}
GET	/api/Movies/MoreDate/{date1}
GET	/api/Movies/LessDate/{date1}
GET	/api/Movies/GetPrice/{price1}, {price2}

Schema DB:

Schemas	
<pre>MovieData {   id          integer(\$int32)   name        string               nullable: true   genre       string               nullable: true   duration    string               nullable: true   releaseDate string(\$date-time)   price       integer(\$int32)   act         boolean }</pre>	

## Hasil Test:

### - Get All Movies

GET

/api/Movies

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X GET "https://localhost:5001/api/Movies" -H "accept: */*"
```

Request URL

```
https://localhost:5001/api/Movies
```

Server response

Code

Details

200

Response body

```
{
  "id": 1,
  "name": "Ze Russian",
  "genre": "Muson/Syrik",
  "duration": "2h 0m",
  "releaseDate": "2021-10-15T12:53:50.774",
  "price": 30000,
  "act": true
},
{
  "id": 3,
  "name": "JoJo",
  "genre": "Animu",
  "duration": "24h 26m",
  "releaseDate": "2021-11-15T12:57:02.706",
  "price": 9999
}
```

### - Insert Movie

POST

/api/Movies

Parameters

Cancel

No parameters

Request body

application/json

Execute

Clear

Responses

Curl

```
curl -X POST "https://localhost:5001/api/Movies" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"id\":0,\"name\": \"Kenzo\", \"genre\": \"Action\", \"duration\": \"6h 59m\", \"releaseDate\": \"2021-10-16T07:07:51.830Z\", \"price\": 5000, \"act\": true}"
```

Request URL

Request URL  
`https://localhost:5001/api/Movies`

Server response

Code	Details
201 <small>Undocumented</small>	<p>Response body</p> <pre>{   "id": 6,   "name": "Kenzo",   "genre": "Action",   "duration": "1h 59m",   "releaseDate": "2021-10-16T07:07:51.83Z",   "price": 5000,   "act": true }</pre> <p>Response headers</p> <pre>content-type: application/json; charset=utf-8 date: Sat 16 Oct 2021 07:08:23 GMT location: https://localhost:5001/api/Movies?id=6 server: Kestrel</pre>

Responses

Code	Description	Links
200	Success	No links

## - Get Movie By Id

GET /api/Movies/{id}

Parameters

Name Description

id \* required  
integer(\$int32)  
(path)

6

Execute Clear

Responses

Curl

```
curl -X GET "https://localhost:5001/api/Movies/6" -H "accept: */*"
```

Request URL

https://localhost:5001/api/Movies/6

Server response

Code	Details
200	<p>Response body</p> <pre>{   "id": 6,   "name": "Kenzo",   "genre": "Action",   "duration": "1h 59m",   "releaseDate": "2021-10-16T07:07:51.83Z",   "price": 5000,   "act": true }</pre>

## - Update Movie By Id

PUT

/api/Movies/{id}

Parameters

Cancel

Name	Description
id * required	
Integer(\$int32)	6
(path)	

Request body

application/json

```

{
  "id": 6,
  "name": "Kazu",
  "genre": "Fantasy",
  "duration": "2h 9m",
  "releaseDate": "2021-10-16T07:10:20.037Z",
  "price": 9999,
  "act": true
}

```

Execute

Clear

Responses

Responses

Curl

```
curl -X PUT "https://localhost:5001/api/Movies/6" -H "accept: */*" -H "Content-Type: application/json" -d '{"id":6,"name":"Kazu","genre":"Fantasy","duration":"2h 9m","releaseDate":"2021-10-16T07:10:20.037Z","price":9999,"act":true}'
```

Request URL

https://localhost:5001/api/Movies/6

Server response

Code

Details

201

Undocumented

Response body

"Data Updates"

Download

Response headers

content-type: application/json; charset=utf-8  
date: Sat 16 Oct 2021 07:10:52 GMT  
server: Kestrel

Responses

Code	Description	Links
200	Success	No links

- Delete Movie By Id

DELETE

/api/Movies/{id}

Cancel

Parameters

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="6"/>

Execute

Clear

Responses

Curl

curl -X DELETE "https://localhost:5001/api/Movies/6" -H "accept: \*/\*"

Request URL

https://localhost:5001/api/Movies/6

Server response

Code

Details

201

Undocumented

Response body

"Data Deleted"

Download

Response headers

content-type: application/json; charset=utf-8  
date: Sat 16 Oct 2021 07:11:52 GMT

- Get Active/Non-Active Movie

GET

/api/Movies/GetAct/{act}

Cancel

Parameters

Name	Description
act * required boolean (path)	<input type="text" value="true"/>

Execute

Clear

Responses

Curl

curl -X GET "https://localhost:5001/api/Movies/GetAct/true" -H "accept: \*/\*"

Request URL

https://localhost:5001/api/Movies/GetAct/true

Server response

Code

Details

200

Response body

{
 "id": 1,
 "name": "Ze Masian",
 "genre": "Musson/Sylik",
 "duration": "2h 0m",
 "releaseDate": "2021-10-15T12:53:50.774",
 "price": 30000,
 "act": true
}

- Get Movie Between 2 Date

GET

/api/Movies/GetDate/{date1}, {date2}

Cancel

Parameters

Name	Description
date1 * required string(\$date-time) (path)	<input type="text" value="2021-11-15T12:57:02.706"/>
date2 * required string(\$date-time) (path)	<input type="text" value="2021-11-18T12:57:02.706"/>

ExecuteClear

Responses

Curl

curl -X GET "https://localhost:5001/api/Movies/GetDate/2021-11-15T12:57:02.706, 2021-11-18T12:57:02.706" -H "accept: \*/\*"

Request URL

https://localhost:5001/api/Movies/GetDate/2021-11-15T12:57:02.706, 2021-11-18T12:57:02.706

Server response

Code	Details
200	<div>Response body</div> <div>[</div>

https://localhost:5001/api/Movies/GetDate/2021-11-15T12:57:02.706, 2021-11-18T12:57:02.706

Server response

Code	Details
200	<div>Response body</div> <div><pre>{   "id": 3,   "name": "JoJo",   "genre": "Anima",   "duration": "24h 26m",   "releaseDate": "2021-11-15T12:57:02.706",   "price": 9999,   "act": true }, {   "id": 4,   "name": "JoJo",   "genre": "Anima",   "duration": "24h 26m",   "releaseDate": "2021-11-15T12:57:02.706",   "price": 9999,   "act": true }, {   "id": 5,   "name": "JoJo",   "genre": "Anima",   "duration": "24h 26m",   "releaseDate": "2021-11-15T12:57:02.706",   "price": 9999,   "act": true } ]</pre><div>Download</div></div> <div>Response headers</div> <div>content-type: application/json; charset=utf-8 date: Sat 16 Oct 2021 07:13:37 GMT server: Kestrel</div>

Responses

Code	Description	Links
200	Success	No links

- Get Movie With Date More Than Now/Specific Date

GET /api/Movies/MoreDate/{date1}
Cancel

Parameters

Name	Description
date1 * required string(\$date-time) (path)	2021-11-15T12:57:02.706

Execute
Clear

Responses

Curl

```
curl -X GET "https://localhost:5001/api/Movies/MoreDate/2021-11-15T12:57:02.706" -H "accept: */*"
```

Request URL

```
https://localhost:5001/api/Movies/MoreDate/2021-11-15T12:57:02.706
```

Server response

Code	Details
200	Response body <pre>{   "id": 1,   "name": "JoJo",   "genre": "Anime",   "duration": "24h 26m",   "releaseDate": "2021-11-15T12:57:02.706",   "price": 9999,   "act": true }</pre>

GET /api/Movies/MoreDate/{date1}
Cancel

Parameters

Name	Description
date1 * required string(\$date-time) (path)	2021-11-16T12:57:02.706

Execute
Clear

Responses

Curl

```
curl -X GET "https://localhost:5001/api/Movies/MoreDate/2021-11-16T12:57:02.706" -H "accept: */*"
```

Request URL

```
https://localhost:5001/api/Movies/MoreDate/2021-11-16T12:57:02.706
```

Server response

Code	Details
200	Response body <pre>[]</pre> <div>Download</div>

Response headers

```
content-type: application/json; charset=utf-8
```

- Get Movie With Date Less Than Now/Specific Date

GET /api/Movies/LessDate/{date1}

Parameters

Cancel

Name	Description
date1 * required string(\$date-time) (path)	2021-11-15T12:53:02.706

Execute Clear

Responses

Curl

curl -X GET "https://localhost:5001/api/Movies/LessDate/2021-11-15T12:53:02.706" -H "accept: \*/\*"

Request URL

https://localhost:5001/api/Movies/LessDate/2021-11-15T12:53:02.706

Server response

Code	Details
200	<div>Response body</div> <pre>{   "id": 1,   "name": "Ze Masian",   "genre": "Akuson/Sykik",   "duration": "2h 0m",   "releaseDate": "2021-10-15T12:53:58.774",   "price": 30000,   "act": true }</pre>

- Get Movie Between Specific Price

GET /api/Movies/GetPrice/{price1}, {price2}

Parameters

Cancel

Name	Description
price1 * required integer(\$int32) (path)	9999
price2 * required integer(\$int32) (path)	30000

Execute Clear

Responses

Curl

curl -X GET "https://localhost:5001/api/Movies/GetPrice/9999, 30000" -H "accept: \*/\*"

Request URL

https://localhost:5001/api/Movies/GetPrice/9999, 30000

Server response

Code	Details
200	<div>Response body</div> <pre>{   "id": 1,   "name": "Ze Masian",   "genre": "Akuson/Sykik",   "duration": "2h 0m",   "releaseDate": "2021-10-15T12:53:58.774",   "price": 30000,   "act": true }</pre>



Server response

Code

Details

200

Response body

```
{
  "id": 1,
  "name": "Ze Masian",
  "genre": "Akuson/Sykik",
  "duration": "2h 0m",
  "releaseDate": "2021-10-15T12:53:50.774",
  "price": 30000,
  "act": true
},
{
  "id": 3,
  "name": "JoJo",
  "genre": "Animu",
  "duration": "24h 26m",
  "releaseDate": "2021-11-15T12:57:02.706",
  "price": 9999,
  "act": true
},
{
  "id": 4,
  "name": "JoJo",
  "genre": "Animu",
  "duration": "24h 26m",
  "releaseDate": "2021-11-15T12:57:02.706",
  "price": 9999,
  "act": true
},
}
```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Sat 16 Oct 2021 07:16:48 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	Success	No links