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## Laporan Tugas Topik 11

Berikut untuk database SQL dengan isi field pada tabel tutorials dan tabel mahasiswa :

Tabel mahasiswa:

id	nama	nim	email	jurusan	created_at	updated_at
3	223303030298	Andre	Andre123@gmail.com	Sistem Informasi	2024-06-19 14:26:59	2024-06-19 14:27:38
5	Josua Pranciskus Silalahi	223303030278	josuasilalahi5@gmail.com	Teknik Informatika	2024-06-25 09:27:50	2024-06-25 10:07:53
(Auto)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

Tabel tutorials

id	title	description	published	id_user	created_at	updated_at
1	Coba Create	Percobaan	1	4	2024-06-11 17:48:03	2024-06-11 17:48:03
3	Coba Create	Percobaan	1	2	2024-06-25 09:39:40	2024-06-25 09:39:40
(Auto)	(NULL)	(NULL)	0	(NULL)	(NULL)	(NULL)

## Hasil Pengujian crud tabel tutorials:

### - Register

The screenshot shows a Postman interface with a POST request to `http://localhost:8000/api/v1/auth/register`. The request body is a JSON object with the following fields:

```
{  "name": "silalahi",  "email": "silalahi123@gmail.com",  "password": "silalahi123"}
```

The response is a JSON object with the following fields:

```
{  "message": "Register Berhasil!",  "data": {    "User": {      "name": "silalahi",      "email": "silalahi123@gmail.com",      "updated_at": "2024-07-16T14:43:23.000000Z",      "created_at": "2024-07-16T14:43:23.000000Z",      "id": 4    },      "access_token": "8|U8RKh19GvdzuP1R7Yu0YD16f8EwKscjuJ2t188Lf02acab4",      "token_type": "Bearer"    }  }
```

## - Login

micro service / Login

POST http://localhost:8000/api/v1/auth/login

Params Authorization Headers (9) Body Scripts Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	Bulk Edit
email	silalahi123@gmail.com		
password	silalahi123		
Key	Value	Description	

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1781 ms Size: 641 B Save as example

```
2  "success": true,
3  "message": "Hi silalahi, welcome to home",
4  "data": {
5    "User": {
6      "id": 4,
7      "name": "silalahi",
8      "email": "silalahi123@gmail.com",
9      "email_verified_at": null,
10     "created_at": "2024-07-16T14:43:23.000000Z",
11     "updated_at": "2024-07-16T14:43:23.000000Z"
12   },
13   "access_token": "9|ZvIxFKbD7cn33dczshBiFhVcmDpN6DRFaa1R8tnK316c3aa0",
```

## - Create data

micro service / Create

POST http://localhost:8000/api/v1/tutorials

Params Authorization Headers (9) Body Scripts Tests Settings Cookies

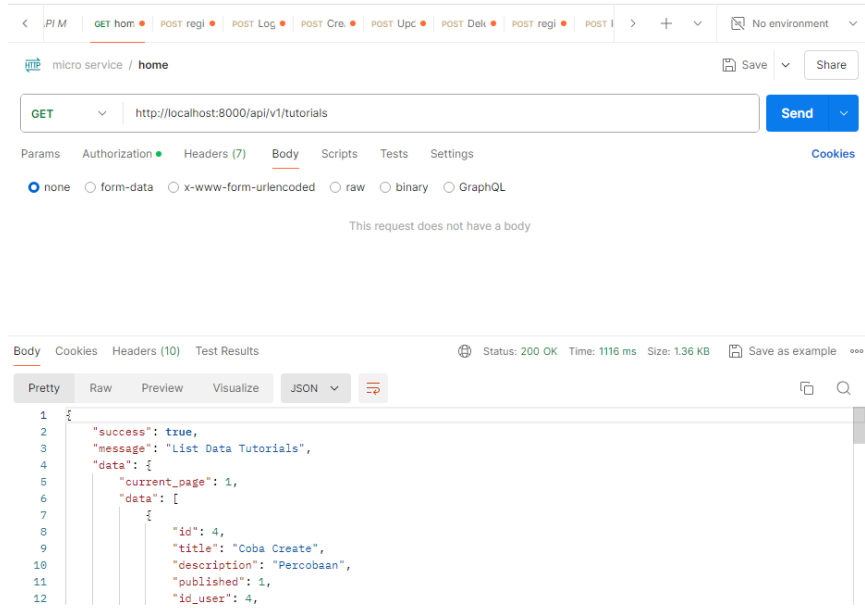
☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	Bulk Edit
image	File bpjs.jpg		
title	Coba Create		
published	1		

Body Cookies Headers (10) Test Results Status: 201 Created Time: 3.54 s Size: 556 B Save as example

```
1  {
2    "success": true,
3    "message": "Data Tutorials Berhasil Ditambahkan!",
4    "data": {
5      "title": "Coba Create",
6      "published": "1",
7      "description": "Percobaan",
8      "id_user": 4,
9      "updated_at": "2024-07-16T14:56:08.000000Z",
10     "created_at": "2024-07-16T14:56:08.000000Z",
11     "id": 4
12   }
```

## - Read



micro service / home

GET http://localhost:8000/api/v1/tutorials

Params Authorization Headers (7) Body Scripts Tests Settings Cookies

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

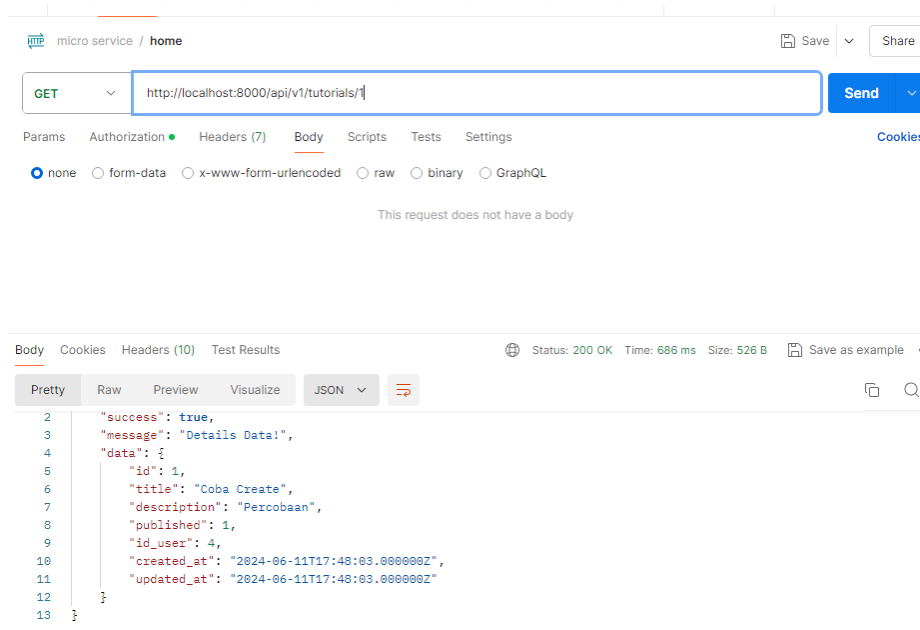
This request does not have a body

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1116 ms Size: 1.36 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "List Data Tutorials",
4   "data": {
5     "current_page": 1,
6     "data": [
7       {
8         "id": 4,
9         "title": "Coba Create",
10        "description": "Percobaan",
11        "published": 1,
12        "id_user": 4,
```

## - Read data berdasarkan id



micro service / home

GET http://localhost:8000/api/v1/tutorials/1

Params Authorization Headers (7) Body Scripts Tests Settings Cookies

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL


This request does not have a body

Body Cookies Headers (10) Test Results Status: 200 OK Time: 686 ms Size: 526 B Save as example

Pretty Raw Preview Visualize JSON

```
2 "success": true,
3 "message": "Details Data!",
4 "data": {
5   "id": 1,
6   "title": "Coba Create",
7   "description": "Percobaan",
8   "published": 1,
9   "id_user": 4,
10  "created_at": "2024-06-11T17:48:03.000000Z",
11  "updated_at": "2024-06-11T17:48:03.000000Z"
12 }
13 }
```

- Update data

 micro service / **Update** Save Share


POST

http://localhost:8000/api/v1/tutorials/4

Send

Params Authorization Headers (9) **Body** Scripts Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL


	Key		Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	image	File				
<input checked="" type="checkbox"/>	title	Text	percobaan update			
<input checked="" type="checkbox"/>	published	Text	1			

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1811 ms Size: 386 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Perubahan Data Tutorials Sudah Berasil!",
4   "data": []
5 }
```

- Delete

 micro service / **Delete** Save Share

POST

http://localhost:8000/api/v1/tutorials/4

Send

Params Authorization Headers (9) **Body** Scripts Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

<input checked="" type="checkbox"/>	_method	Text	DELETE			
<input type="checkbox"/>	title	Text	coba create			
<input type="checkbox"/>	description	Text				
	Key	Text	Value	Description		

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1400 ms Size: 377 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Data telah berhasil di HAPUS !",
4   "data": []
5 }
```

## Hasil Pengujian tabel mahasiswa :

### - Register

micro service / mahasiswa / register

POST http://localhost:8000/api/v1/auth/register

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

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

Key	Value	Description
name	Silalahi	
email	Silalahi16@gmail.com	
password	silalahi123	

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1268 ms Size: 605 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Register Berhasil",
4   "data": {
5     "User": {
6       "name": "Silalahi",
7       "email": "Silalahi16@gmail.com",
8       "updated_at": "2024-07-16T15:07:55.000000Z",
9       "created_at": "2024-07-16T15:07:55.000000Z",
10      "id": 5
11    },
12    "access_token": "10|htnjpWfLosCfdWmeSk3uSgOWHce8ZkLgZ0K11aft000339de",
13  }
```

### - Login

micro service / mahasiswa / login

POST http://localhost:8000/api/v1/auth/login

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

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

Key	Value	Description
email	Silalahi16@gmail.com	
password	silalahi123	

Body Cookies Headers (10) Test Results Status: 200 OK Time: 908 ms Size: 641 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Hi Silalahi, welcome to home",
4   "data": {
5     "User": {
6       "id": 5,
7       "name": "Silalahi",
8       "email": "Silalahi16@gmail.com",
9       "email_verified_at": null,
10      "created_at": "2024-07-16T15:07:55.000000Z",
11      "updated_at": "2024-07-16T15:07:55.000000Z"
12    },
13    "access_token": "11|dpmSenKTtampIbCXrt2Ab0mpauH0sw8qvcGbqck9258f340",
14  }
```

- Create

POST

http://localhost:8000/api/v1/mahasiswa

Send

ParamsAuthorizationHeaders (9)BodyScriptsTestsSettingsCookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

	Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/>	nama	Textjosua silalahi		
<input checked="" type="checkbox"/>	nim	Text223303030278		

BodyCookiesHeaders (10)Test ResultsStatus: 201 CreatedTime: 1104 msSize: 590 BSave as example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "success": true,
3   "message": "Data Mahasiswa Berhasil Ditambahkan",
4   "data": {
5     "nama": "josua silalahi",
6     "nim": "223303030278",
7     "email": "josuasilalahi1@gmail.com",
8     "jurusan": "Teknik Informatika",
9     "updated_at": "2024-07-16T15:13:22.000000Z",
10    "created_at": "2024-07-16T15:13:22.000000Z",
11    "id": 6
12  }
13 }
```

PostbotRunnerStart ProxyCookiesVaultTrash

22:13

16/07/2024

- Read

UpcPOST DelcPOST regiPOST logPOST crecPOST updPOST delcGET readPOST lc

No environment

micro service / mahasiswa / readSaveShare

GET

http://localhost:8000/api/v1/mahasiswa

Send

ParamsAuthorizationHeaders (7)BodyScriptsTestsSettingsCookies

BodyCookiesHeaders (10)Test ResultsStatus: 200 OKTime: 1469 msSize: 1.46 KBSave as example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "success": true,
3   "message": "List Data Mahasiswa",
4   "data": {
5     "current_page": 1,
6     "data": [
7       {
8         "id": 6,
9         "nama": "josua silalahi",
10        "nim": "223303030278",
11        "email": "josuasilalahi1@gmail.com",
12        "jurusan": "Teknik Informatika",
13        "created_at": "2024-07-16T15:13:22.000000Z",
14        "updated_at": "2024-07-16T15:13:22.000000Z"
15      },
16      {
17        "id": 5,
18        "nama": "Josua Pranciskus Silalahi",
19        "nim": "223303030278",
20        "email": "josuasilalahi5@gmail.com",
21        "jurusan": "Teknik Informatika",
22        "created_at": "2024-06-25T09:27:50.000000Z",

```

- Read data berdasarkan id mahasiswa

micro service / mahasiswa / read

GET http://localhost:8000/api/v1/mahasiswa/3

Send

Params Authorization Headers (7) Body Scripts Tests Settings Cookies

Body Cookies Headers (10) Test Results Status: 200 OK Time: 718 ms Size: 556 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Details Data Mahasiswa!",
4   "data": {
5     "id": 3,
6     "nama": "223303030298",
7     "nim": "Andre",
8     "email": "Andre123@gmail.com",
9     "jurusan": "Sistem Informasi",
10    "created_at": "2024-06-19T14:26:59.000000Z",
11    "updated_at": "2024-06-19T14:27:38.000000Z"
12  }
13 }
```

- Update

POST http://localhost:8000/api/v1/mahasiswa/5

Send

Params Authorization Headers (9) Body Scripts Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL


	Key		Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	nama	Text	Josua Pranciskus Silalahi			
<input checked="" type="checkbox"/>	nim	Text	223303030278			
<input checked="" type="checkbox"/>	email	Text	josuasilalahi5@gmail.com			
<input checked="" type="checkbox"/>	jurusan	Text	Teknik Informatika			
<input checked="" type="checkbox"/>	_method	Text	PUT			

Body Cookies Headers (10) Test Results Status: 200 OK Time: 976 ms Size: 388 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Perubahan Data Mahasiswa Sudah Berhasil !",
4   "data": []
5 }
```

## - Delete

 micro service / mahasiswa / delete

POST

http://localhost:8000/api/v1/mahasiswa/5

Send

Params Authorization Headers (9) **Body** Scripts Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key		Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	_method	Text	DELETE			
	Key	Text	Value	Description		

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 659 ms Size: 377 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "message": "Data telah berhasil di HAPUS !",
4   "data": []
5 }
```