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LAW - Assignment 2

Service 1 : Menerima input berkas dan output hasil kompresi

Skenario : microservice ini menerima request post dengan body request username, password, client_id, client_secret, dan file input.

Apabila sukses, maka hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/

Send Save

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies Code

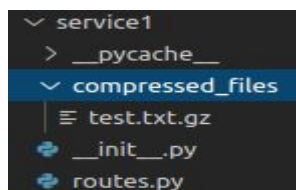
none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	6290471	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3ElVie4jahc6phovee5ooquiamo	
<input checked="" type="checkbox"/> client_secret	beeviciezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.txt X	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 151ms Size: 182 B Save Response

Pretty Raw Preview Visualize HTML

1 <h1>Compression Success</h1>



Apabila credentials gagal, hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	62904714	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3EiVie4jahc6phovee5ooquiama	
<input checked="" type="checkbox"/> client_secret	beeviciezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.txt X	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 155ms

Pretty Raw Preview Visualize HTML X

```
1 <h1>Wrong Credentials</h1>
```

Service 2 : menerima input berkas yang akan disimpan dan bisa diakses pada satu URL

Skenario : microservice ini menerima request post dengan body request username, password, client_id, client_secret, dan file input.

Apabila sukses, maka hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/ Send

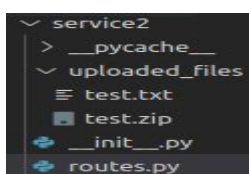
KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	6290471	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3EiVie4jahc6phovee5ooquiama	
<input checked="" type="checkbox"/> client_secret	beeviciezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.zip X	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 10ms Size: 201 B Save

Pretty Raw Preview Visualize HTML X

```
1 http://127.0.0.1:5000/uploads/test.zip/download
```

Sebagai response, link di atas adalah link download file test.zip



Ini adalah hasil upload file test.zip

Apabila credentials gagal, hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/ Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	62904714	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3EIVie4jahc6phovee5ooquiamo	
<input checked="" type="checkbox"/> client_secret	beeviciezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.zip <input type="button" value="X"/>	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 119ms Size: 180 B Sav

Pretty Raw Preview Visualize HTML

```
1 <h1>Wrong Credentials</h1>
```

Service 3 : penyimpanan metadata CRUD (minimal 4 atribut untuk masing-masing record)

Create : microservice ini menerima request post dengan body request username, password, client_id, client_secret, dan file input.

Apabila sukses, maka hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/ Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	6290471	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3EIVie4jahc6phovee5ooquiamo	
<input checked="" type="checkbox"/> client_secret	beeviciezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.zip <input type="button" value="X"/>	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 1331ms Size: 186 B Save

Pretty Raw Preview Visualize HTML

```
1 File metadata successfully saved
```

Ketika coba di-retrieve, hasilnya akan menjadi seperti ini (READ) :

GET http://127.0.0.1:5000/1 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 29ms Size: 262 B Save

Pretty Raw Preview Visualize JSON ≡

```

1 {
2   "file_date_time": "2020-03-04 18:19:48.322083",
3   "file_size": 219,
4   "filename": "test.zip",
5   "id": "1"
6 }

```

Apabila credentials gagal, maka hasilnya akan menjadi seperti ini :

POST http://127.0.0.1:5000/ Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	1606882540	
<input checked="" type="checkbox"/> password	62904714	
<input checked="" type="checkbox"/> client_id	engae2pai6Gee3EIVie4jahc6phovee5ooquiamo	
<input checked="" type="checkbox"/> client_secret	beevicezuqu5Boghoo8zoyief5quie2ohchieRu	
<input checked="" type="checkbox"/> file_req	test.zip ×	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 138ms Size: 180 B Save

Pretty Raw Preview Visualize HTML ≡

```

1 <h1>Wrong Credentials</h1>

```

UPDATE : microservice ini menerima request patch seperti ini. Update entry pada metadata sesuai dgn parameter id dengan data yang didefinisikan pada json body request, lalu coba retrieve kembali data tsb dari database dengan id yang sama, lalu tampilkan response nya dalam bentuk json :

PATCH ▼ http://127.0.0.1:5000/update/1 Send ▼

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

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

```

1 {
2   "filename": "test_new.zip"
3 }

```

Apabila sukses, maka hasilnya akan menjadi seperti ini :

Body Cookies Headers (4) Test Results

Pretty Raw Preview Visualize JSON ▼ ≡

```

1 {
2   "file_date_time": "2020-03-04 18:19:48.322083",
3   "file_size": 219,
4   "filename": "test_new.zip",
5   "id": "1"
6 }

```

Jika gagal, maka hasilnya akan menjadi seperti ini :

PATCH ▼ http://127.0.0.1:5000/update/2 Send ▼

Body Cookies Headers (4) Test Results Status: 200 OK Time: 10ms Size: 162 B Sav

Pretty Raw Preview Visualize HTML ▼ ≡

```

1 Not Found

```

DELETE : microservice ini menerima request delete. record yang di delete pada database sesuai dgn id yg jadi parameter

Jika sukses, maka hasilnya akan menjadi seperti ini :

DELETE ▼ http://127.0.0.1:5000/delete/1 Send ▼

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 1383ms Size: 182 B Sav

Pretty Raw Preview Visualize HTML ▼ ≡

```

1 Deletion with id = 1 success

```

Apabila kita coba retrieve record dgn id = 1, maka akan gagal :

GET http://127.0.0.1:5000/1 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 31ms Size: 162 B Sav

Pretty Raw Preview Visualize HTML

1 Not Found

Apabila kita coba update dengan id = 1, maka akan gagal :

PATCH http://127.0.0.1:5000/update/1 Send

Body Cookies Headers (4) Test Results Status: 200 OK Time: 15ms Size: 162 B Sav

Pretty Raw Preview Visualize HTML

1 Not Found

Apabila kita coba delete lagi dengan id = 1, maka akan gagal :

DELETE http://127.0.0.1:5000/delete/1 Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 10ms Size: 162 B Sav

Pretty Raw Preview Visualize HTML

1 Not Found