

Dokumentasi API (Endpoint) Challenge 5

1. Autentikasi (login)

URL : http://{your_domain}/login
Method : POST
Request required data : JSON body parameter
Body request : { "username": "your_username", "password": "your_password" }

```
{
  "username": "syaifudin",
  "password": "Syaifudin_1012"
}
```

Response body data : JSON response body
Result response example :

```
{
  "id": "ee831b29-47e3-495f-82b9-e45797044d89",
  "username": "syaifudin",
  "first_name": "Ahmd",
  "last_name": "RM",
  "email": "syaifudin@hmail.fg",
  "password": "Syaifudin_1012",
  "access_level": 0,
  "createdAt": "2022-10-04T15:14:10.725Z",
  "updatedAt": "2022-10-04T15:14:10.725Z"
}
```

2. Pendaftaran akun user (Register)

URL : http://{your_domain}/register
Method : POST
Request required data : JSON body parameter

```
{
  "username": "syaifudin",
  "password": "Syaifudin_1012",
  "first_name": "Ahmd",
  "last_name": "RM",
  "email": "syaifudin@hmail.fg"
}
```

Body request :

Response body data : JSON response body

Result response example :

```
{
  "id": "ee831b29-47e3-495f-82b9-e45797044d89",
  "username": "syaifudin",
  "first_name": "Ahmd",
  "last_name": "RM",
  "email": "syaifudin@hmail.fg",
  "password": "Syaifudin_1012",
  "access_level": 0,
  "updatedAt": "2022-10-04T15:14:10.725Z",
  "createdAt": "2022-10-04T15:14:10.725Z"
}
```

3. Logout user

URL : http://{your_domain}/auth/{user_id}/logout

Method : GET

Request required data : Request parameter user_id (from id in login)

Response body data : JSON Response body

Result response example :

```
{
  "msg": "Logout Sucess"
}
```

4. Filter data (user login akses)

URL : `http://{your_domain}/auth/{user_id}/cars/filter/{name_car}`
Method : GET
Request required data : Request parameter `user_id` (from id in login) dan `name_car`
Response body data : JSON Response body
Result response example :

```
RESP
{
  "cars": [
    {
      "id": "18db84fd-a8d4-4019-b1f8-20ff3e73e42d",
      "name": "Carrera v35",
      "type_car": 1,
      "price": 250000,
      "available": true,
      "available_at": "2022-08-31T13:10:00.000Z",
      "deleted": false,
      "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1664897094221_141277272.jpg",
      "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",
      "capacity": 2,
      "description": "lorem ipsum dolor sit amet gdgfd dguydu dufishfui",
      "transmission": "matic",
      "year": 0,
      "size": "medium",
      "createdAt": "2022-10-04T15:24:54.224Z",
      "updatedAt": "2022-10-08T11:30:43.192Z",
      "user": {
        "id": "ee831b29-47e3-495f-82b9-e45797044d89",
        "username": "syaifudin",
        "first_name": "Ahmd",
        "last_name": "RM",
        "email": "syaifudin@hmail.fg",
        "password": "Syaifudin_1012",
        "access_level": 0,
        "createdAt": "2022-10-04T15:14:10.725Z",
        "updatedAt": "2022-10-04T15:14:10.725Z"
      },
      "type": {
        "id": 1,
        "name": "SUV",
        "createdAt": "2022-10-05T01:22:40.451Z",
        "updatedAt": "2022-10-05T01:22:40.451Z"
      }
    }
  ]
}
RESP
```

5. Filter data (public akses)

URL : `http://{your_domain}/cars/{driverType}/{ date }/{ time }/{ countPeople }`
Method : GET
Request required data : Request parameter `driverType` (int), `date` (YYYY-MM-DD), `time` (string HH:mm), `countPeople` (int)
Response body data : JSON Response body

Result response example :

```
255
"cars": [
  {
    "id": "18db84fd-a8d4-4019-b1f8-20ff3e73e42d",
    "name": "Carrera v35",
    "type_car": 1,
    "price": 250000,
    "available": true,
    "available_at": "2022-08-31T13:10:00.000Z",
    "deleted": false,
    "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1664897094221_141277272.jpg",
    "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",
    "capacity": 2,
    "description": "lorem ipsum dolor sit amet gdgfd dguydu dufishfui",
    "transmission": "matic",
    "year": 0,
    "size": "medium",
    "createdAt": "2022-10-04T15:24:54.224Z",
    "updatedAt": "2022-10-08T11:30:43.192Z",
    "user": {
      "id": "ee831b29-47e3-495f-82b9-e45797044d89",
      "username": "syaifudin",
      "first_name": "Ahmd",
      "last_name": "RM",
      "email": "syaifudin@hmail.fg",
      "password": "Syaifudin_1012",
      "access_level": 0,
      "createdAt": "2022-10-04T15:14:10.725Z",
      "updatedAt": "2022-10-04T15:14:10.725Z"
    },
    "type": {
      "id": 1,
      "name": "SUV",
      "createdAt": "2022-10-05T01:22:40.451Z",
      "updatedAt": "2022-10-05T01:22:40.451Z"
    }
  }
]
256
```

6. Get data car (semua data)

URL : http:{your_domain}/auth/{user_id}/cars

Method : GET

Request required data : Request parameter user_id (from id in login)

Response body data : JSON Response body

Result response example :

```
"cars": [  
  {  
    "id": "18db84fd-a8d4-4019-b1f8-20ff3e73e42d",  
    "name": "Carrera v35",  
    "type_car": 1,  
    "price": 250000,  
    "available": true,  
    "available_at": "2022-08-31T13:10:00.000Z",  
    "deleted": false,  
    "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1664897094221_141277272.jpg",  
    "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",  
    "capacity": 2,  
    "description": "lorem ipsum dolor sit amet gdgfd dguydu dufishfui",  
    "transmission": "matic",  
    "year": 0,  
    "size": "medium",  
    "createdAt": "2022-10-04T15:24:54.224Z",  
    "updatedAt": "2022-10-08T11:30:43.192Z",  
    "user": {  
      "id": "ee831b29-47e3-495f-82b9-e45797044d89",  
      "username": "syaifudin",  
      "first_name": "Ahmd",  
      "last_name": "RM",  
      "email": "syaifudin@hmail.fg",  
      "password": "Syaifudin_1012",  
      "access_level": 0,  
      "createdAt": "2022-10-04T15:14:10.725Z",  
      "updatedAt": "2022-10-04T15:14:10.725Z"  
    },  
    "type": {  
      "id": 1,  
      "name": "SUV",  
      "createdAt": "2022-10-05T01:22:40.451Z",  
      "updatedAt": "2022-10-05T01:22:40.451Z"  
    }  
  }  
]
```

7. Get car by ID

URL : `http://{your_domain}/auth/{user_id}/cars/{car_id}`

Method : GET

Request required data : Request parameter `user_id` (from id in login) dan `car_id`

Response body data : JSON Response body

Result response example :

```
"car": {  
  "id": "18db84fd-a8d4-4019-b1f8-20ff3e73e42d",  
  "name": "Carrera v35",  
  "type_car": 1,  
  "price": 250000,  
  "available": true,  
  "available_at": "2022-08-31T13:10:00.000Z",  
  "deleted": false,  
  "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1664897094221_141277272.jpg",  
  "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",  
  "capacity": 2,  
  "description": "lorem ipsum dolor sit amet gdgfd dguydu dufishfui",  
  "transmission": "matic",  
  "year": 0,  
  "size": "medium",  
  "createdAt": "2022-10-04T15:24:54.224Z",  
  "updatedAt": "2022-10-08T11:30:43.192Z",  
  "type": {  
    "id": 1,  
    "name": "SUV",  
    "createdAt": "2022-10-05T01:22:40.451Z",  
    "updatedAt": "2022-10-05T01:22:40.451Z"  
  }  
}
```

8. Get car by Size

URL : `http://{your_domain}/auth/{user_id}/cars/size/{size_car}`

Method : GET

Request required data : Request parameter `user_id` (from id in login) dan `size_car`

Response body data : JSON Response body

Result response example :

```
RESP
{
  "cars": [
    {
      "id": "18db84fd-a8d4-4019-b1f8-20ff3e73e42d",
      "name": "Carrera v35",
      "type_car": 1,
      "price": 250000,
      "available": true,
      "available_at": "2022-08-31T13:10:00.000Z",
      "deleted": false,
      "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1664897094221_141277272.jpg",
      "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",
      "capacity": 2,
      "description": "lorem ipsum dolor sit amet gdgfd dguysdu dufishfui",
      "transmission": "matic",
      "year": 0,
      "size": "medium",
      "createdAt": "2022-10-04T15:24:54.224Z",
      "updatedAt": "2022-10-08T11:30:43.192Z",
      "user": {
        "id": "ee831b29-47e3-495f-82b9-e45797044d89",
        "username": "syaifudin",
        "first_name": "Ahmd",
        "last_name": "RM",
        "email": "syaifudin@hmail.fg",
        "password": "Syaifudin_1012",
        "access_level": 0,
        "createdAt": "2022-10-04T15:14:10.725Z",
        "updatedAt": "2022-10-04T15:14:10.725Z"
      },
      "type": {
        "id": 1,
        "name": "SUV",
        "createdAt": "2022-10-05T01:22:40.451Z",
        "updatedAt": "2022-10-05T01:22:40.451Z"
      }
    }
  ]
}
RESP
```

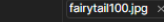
9. Add data car (POST data)

URL : `http://{your_domain}/auth/{user_id}/cars`

Method : POST

Request required data : Request parameter `user_id` (from id in login) dan Form_data request body

Example request body :

KEY	VALUE
<input checked="" type="checkbox"/> name	Ferrari V8
<input checked="" type="checkbox"/> type_car	2
<input checked="" type="checkbox"/> price	250000
<input checked="" type="checkbox"/> available	true
<input checked="" type="checkbox"/> available_at	2022-09-01 10:10
<input checked="" type="checkbox"/> image	 ×
<input checked="" type="checkbox"/> capacity	3
<input checked="" type="checkbox"/> description	lorem ipsum dolor sit amet
<input checked="" type="checkbox"/> transmission	Manual
<input checked="" type="checkbox"/> year	2015
<input checked="" type="checkbox"/> size	small

Response body data : JSON Response body

Result response example :

```
201
"car": {
  "id": "b172b42a-8bef-42c9-8dd8-79425e73bbb1",
  "name": "Ferrari V8",
  "type_car": 2,
  "price": 250000,
  "available": true,
  "available_at": "2022-09-01T03:10:00.000Z",
  "deleted": false,
  "image": "/images/ee831b29-47e3-495f-82b9-e45797044d89_image_1665235250375_386309086.jpg",
  "user_id": "ee831b29-47e3-495f-82b9-e45797044d89",
  "capacity": 3,
  "description": "lorem ipsum dolor sit amet",
  "transmission": "Manual",
  "year": 2015,
  "size": "small",
  "updatedAt": "2022-10-08T13:20:50.390Z",
  "createdAt": "2022-10-08T13:20:50.390Z"
},
"msg": "New uploaded file success"
202
```

10. Update data car (PUT data)

URL : http://{your_domain}/auth/{user_id}/cars/{car_id}

Method : PUT

Request required data : Request parameter user_id (from id in login), car_id dan Form_data request body

Example request body :

KEY	VALUE
<input checked="" type="checkbox"/> name	Ferrari V8
<input checked="" type="checkbox"/> type_car	2
<input checked="" type="checkbox"/> price	250000
<input checked="" type="checkbox"/> available	true
<input checked="" type="checkbox"/> available_at	2022-09-01 10:10
<input checked="" type="checkbox"/> image	fairytail100.jpg ×
<input checked="" type="checkbox"/> capacity	3
<input checked="" type="checkbox"/> description	lorem ipsum dolor sit amet
<input checked="" type="checkbox"/> transmission	Manual
<input checked="" type="checkbox"/> year	2015
<input checked="" type="checkbox"/> size	small

Response body data : JSON Response body

Result response example :

```
201
"car": [
  1
],
"msg": "Uploaded file success"
202
```

11. Delete data car (DELETE data)

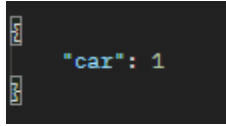
URL : `http://{your_domain}/auth/{user_id}/cars/{car_id}`

Method : DELETE

Request required data : Request parameter `user_id` (from id in login), dan `car_id` (target data)

Response body data : JSON Response body

Result response example :

A screenshot of a JSON response body displayed in a dark-themed editor. The text is `"car": 1`, where `"car"` is in blue and `: 1` is in green. The editor has a vertical scrollbar on the left.

Catatan : Jika terjadi kesalahan saat mengirim data request (misalnya ada parameter yang kurang ataupun field form data yang belum dicantumkan sesuai contoh diatas) pasti akan mengembalikan response error seperti berikut :

```
{  
  "error": "Pesan error disini"  
}
```

Pesan error bisa bermacam macam tergantung request yang dikirim. Namun pasti akan muncul key `"error"` sebagai tanda jika request gagal dilakukan.