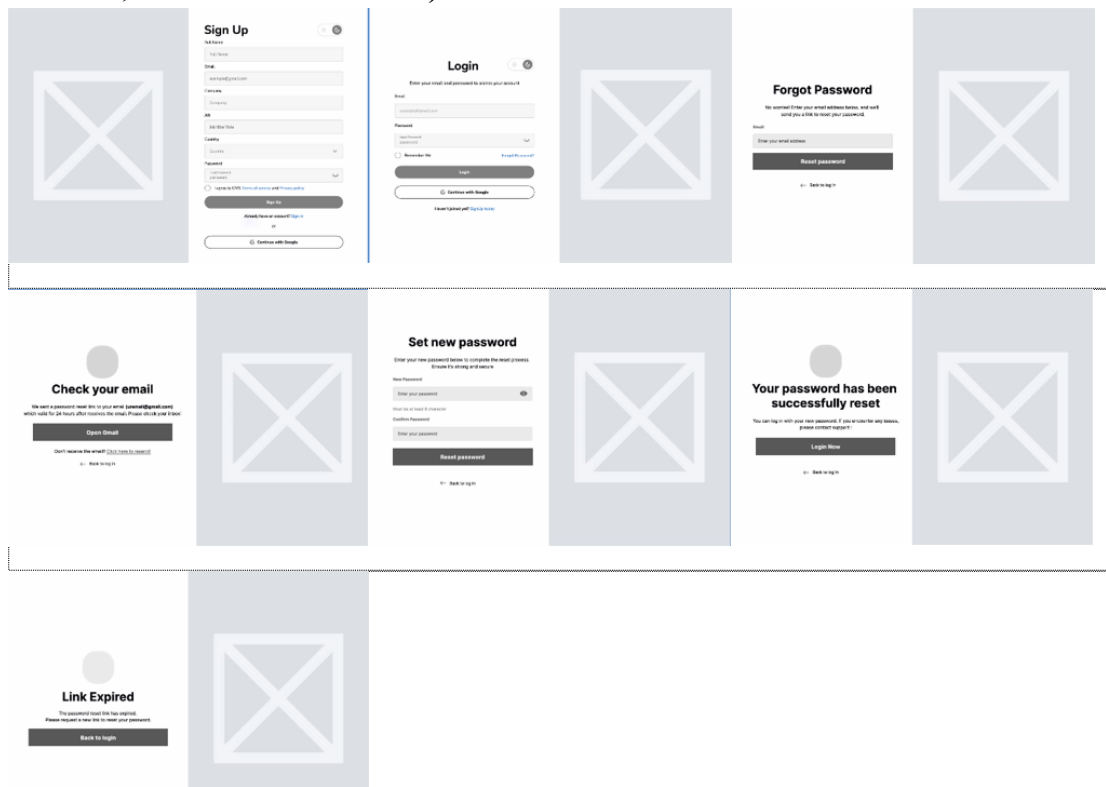


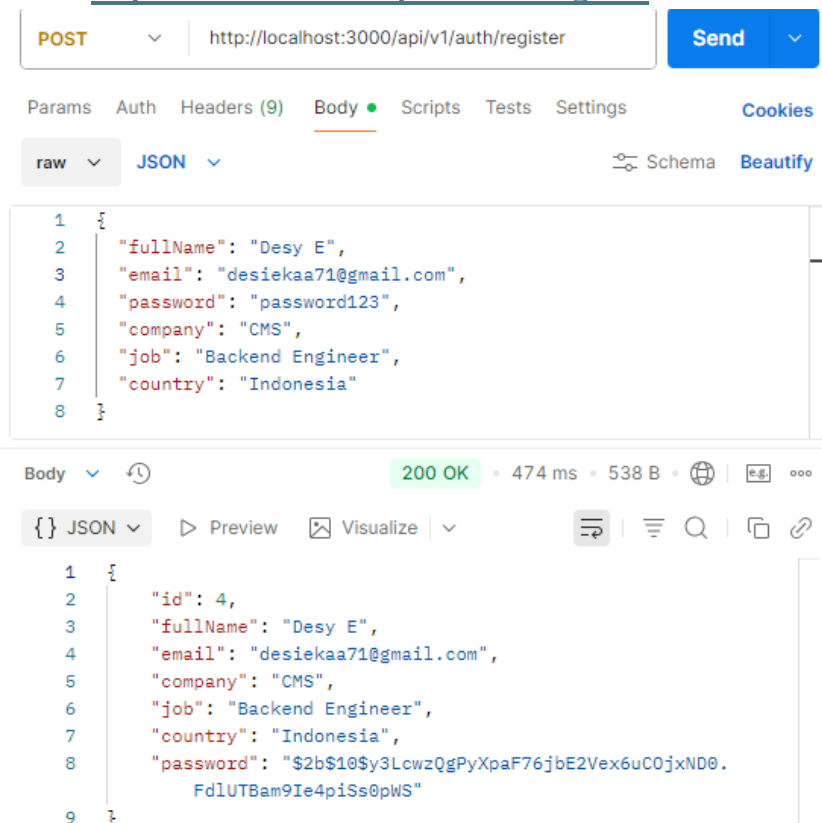
DOKUMENTASI API

1. AUTH (REGISTER, LOGIN, FORGOT-PASSWORD, PROFILE, VERIFY TOKEN, RESET-PASSWORD)



a. Register

- POST <http://localhost:3000/api/v1/auth/register>



- **POST** <http://localhost:3000/api/v1/auth/login>

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://localhost:3000/api/v1/auth/login
- Body (JSON):**

```
1 {
2   "email": "desiekaa71@gmail.com",
3   "password": "password123"
4 }
```
- Response:** 200 OK, 151 ms, 719 B
- Response Body (JSON):**

```
1 {
2   "message": "Login successful",
3   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6NCwiZnVsbnE5bWU0IjEJZXR5IEU1LCJlbWVpbCI6ImRlc2l1a2FhNzFAZ221hWwUy29tIiwiaWF0IjoxNzYxMDA1MzU0LCJleHAiOjE3NjEwMDg5NTh9.wdAPqdi9Jyw3g2dEJ4-ALvnPQovc0GxQpw-Q4-2wvPY",
4   "user": {
5     "id": 4,
6     "fullName": "Desy E",
7     "email": "desiekaa71@gmail.com",
8     "company": "CMS",
9     "job": "Backend Engineer",
10    "country": "Indonesia"
11  }
12 }
```

- **GET** <http://localhost:3000/api/v1/auth/profile>

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** http://localhost:3000/api/v1/auth/profile
- Auth Type:** Bearer Token
- Token:** [Redacted]
- Response:** 200 OK, 11 ms, 465 B
- Response Body (JSON):**

```
1 {
2   "message": "Welcome!",
3   "user": {
4     "id": 4,
5     "fullName": "Desy E",
6     "email": "desiekaa71@gmail.com",
7     "iat": 1761005444,
8     "exp": 1761009044
9   }
10 }
```

- **POST** <http://localhost:3000/api/v1/auth/forgot-password>

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** <http://localhost:3000/api/v1/auth/forgot-password>
- Body (JSON):**

```
1 {
2   "email": "desiekaa71@gmail.com"
3 }
```
- Status:** 200 OK, 25 ms, 684 B
- Body (JSON):**

```
1 {
2   "success": true,
3   "message": "Password reset link has been sent to your email",
4   "data": {
5     "email": "desiekaa71@gmail.com",
6     "expiresIn": "24 hours",
7     "debug": {
8       "token": "009435d258fbc30e43010633bb65a72bc27557ed166d1e1a17458404764487fd",
9       "link": "http://localhost:3000/reset-password?token=009435d258fbc30e43010633bb65a72bc27557ed166d1e1a17458404764487fd"
10    }
11  }
12 }
```

- **GET** <http://localhost:3000/api/v1/auth/verify-reset-token?token=009435d258fbc30e43010633bb65a72bc27557ed166d1e1a17458404764487fd>

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** <http://localhost:3000/api/v1/auth/verify-reset-token?token=009435d258fbc30e43010633bb65a72bc27557ed166d1e1a17458404764487fd>
- Status:** 200 OK, 12 ms, 445 B
- Body (JSON):**

```
1 {
2   "success": true,
3   "message": "Token is valid",
4   "data": {
5     "email": "desiekaa71@gmail.com",
6     "fullName": "Desy E"
7   }
8 }
```

- **POST** <http://localhost:3000/api/v1/auth/reset-password>

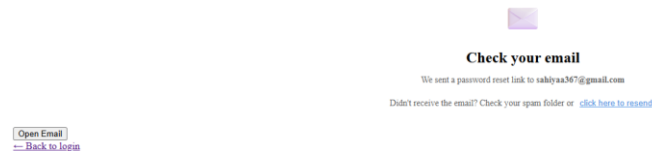
The image shows a Postman interface for a POST request to `http://localhost:3000/api/v1/auth/reset-password`. The request body is a JSON object with the following structure:

```
1 {
2   "token":
3     "009435d258fbc30e43010633bb65a72bc27557ed166d1e1a17458404764
4     487fd",
5   "newPassword": "desy176*",
6   "confirmPassword": "desy176*"
7 }
```

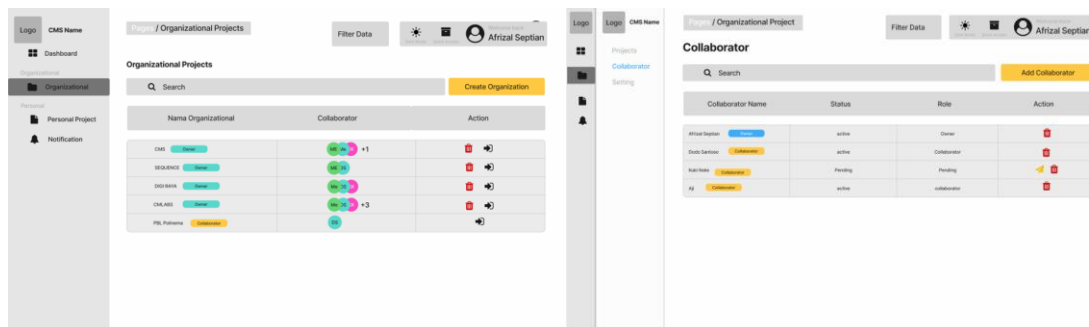
The response status is **200 OK** with a response time of 204 ms and a body size of 447 B. The response body is a JSON object:

```
1 {
2   "success": true,
3   "message": "Password has been successfully reset",
4   "data": {
5     "email": "desiekaa71@gmail.com"
6   }
7 }
```

Forgot-Password; untuk kasus mengirim email sebagaimana token di testing Postman ini belum berhasil dilakukan.



2. ORGANIZATION

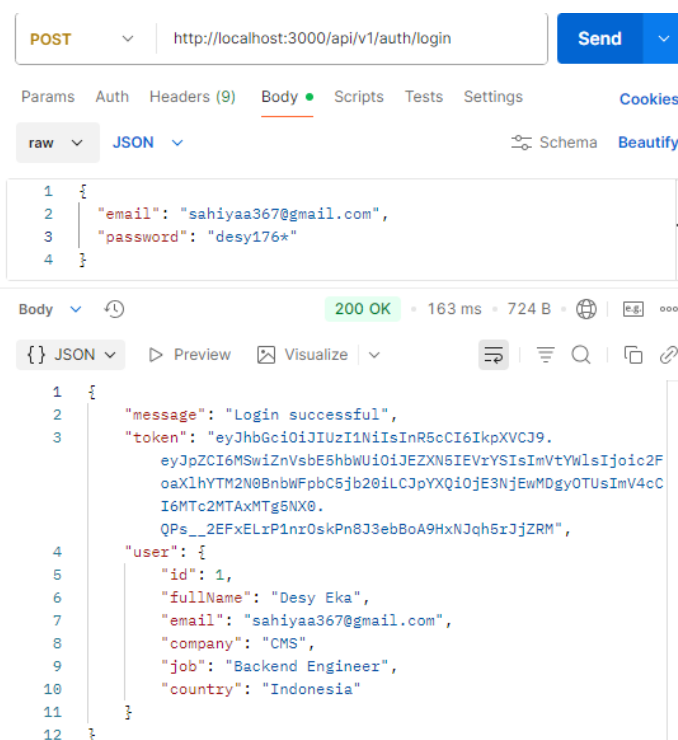


Asumsi berdasarkan desain dari modul ini, setiap user yang membuat project “create project” maka user ini adalah owner. Yang nanti bakal invite collaborator.

Sistemnya jadi gini:

- **Owner:** Yang buat/menambahkan organization, jadi dia punya control full, bisa update, hapus organisasinya.
- **Collaborator:** Anggota yang nantinya diundang oleh si owner
- **PENDING:** Ini status invitation kepada si collaborator, tapi mereka belum accept/reject invitation ini.
- **ACTIVE:** Member(collaborator) yang udah accept invitation
- **INACTIVE:** Member yang mereject/diremove oleh si owner.

Jadi di sini aku login dulu dengan email lain yang akan jadi owner untuk invite user: (maaf emailnya beda-beda, aku reset beberapa kali prisma untuk databasenya, soalnya sempat error)



- **POST <http://localhost:3000/api/v1/organizations>**

Token ini dipakai untuk membuat organization baru.

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://localhost:3000/api/v1/organizations
- Auth Type:** Bearer To...
- Token:** A masked token (represented by dots) is entered in the field.
- Params:** None
- Headers:** 10 (selected)
- Body:** None
- Scripts:** None
- Tests:** None
- Settings:** None
- Cookies:** None

The authorization header will be automatically generated when you send the request.

Lalu pesannya bakal gini:

The screenshot shows the response of the POST request in a REST client interface. The response is a JSON object with the following structure:

```
1 {
2   "message": "Organization created successfully",
3   "data": {
4     "id": "387ddc0c-a66c-4952-a33a-711595a11814",
5     "name": "PT Stellara Nexus",
6     "ownerId": 1,
7     "owner": {
8       "id": 1,
9       "fullName": "Desy Eka",
10      "email": "sahiyaa367@gmail.com"
11    },
12    "members": [
13      {
14        "id": "b0af4a1a-d143-401e-8129-afbe71d6002c",
15        "userId": 1,
16        "organizationId": "387ddc0c-a66c-4952-a33a-711595a11814",
17        "role": "OWNER",
18        "status": "ACTIVE",
19        "joinedAt": "2025-10-21T01:03:28.376Z",
20        "user": {
21          "id": 1,
22          "fullName": "Desy Eka",
23          "email": "sahiyaa367@gmail.com",
24          "company": "CMS",
25          "job": "Backend Engineer"
26        }
27      }
28    ],
29    "_count": {
30      "members": 1,
31      "projects": 0
32    }
33  }
34 }
```

The response status is 201 Created, with a response time of 136 ms and a response size of 899 B.

Nah, karena belum menambahkan collaborator, jadinya di organisasi ini membernya baru hanya owner. Status active otomatis juga karena user ini adalah owner.

- GET <http://localhost:3000/api/v1/organizations>

Ini untuk menampilkan semua organisasi yang ada, di sini masih baru ada 1 members karena aku belum invite, masih 1 organisasi juga karena aku baru buat 1, collaboratorsnya 0. Dan projects belum aku buat backendnya.

Di sini tetap butuh token dari owner, caranya login dulu kayak cara di atas, baru taruh di bearer token.

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** <http://localhost:3000/api/v1/organizations>
- Auth Type:** Bearer Token
- Token:** [Redacted]
- Status:** 200 OK
- Body:** JSON

The JSON response is as follows:

```
1  {
2    "data": [
3      {
4        "id": "c2620905-a9e3-4e0c-b3e0-cae2eaea340f",
5        "name": "PT Stellar Nexus",
6        "ownerId": 1,
7        "createdAt": "2025-10-21T01:37:21.599Z",
8        "updatedAt": "2025-10-21T01:37:21.599Z",
9        "owner": {
10         "id": 1,
11         "fullName": "Desy E",
12         "email": "sahiyaa367@gmail.com"
13       },
14       "members": [
15         {
16           "id": "0de8a7c5-e09c-404d-a142-231a67165bf3",
17           "userId": 1,
18           "organizationId": "c2620905-a9e3-4e0c-b3e0-cae2eaea340f",
19           "role": "OWNER",
20           "status": "ACTIVE",
21           "joinedAt": "2025-10-21T01:37:21.596Z",
22           "createdAt": "2025-10-21T01:37:21.599Z",
23           "updatedAt": "2025-10-21T01:37:21.599Z",
24           "user": {
25             "id": 1,
26             "fullName": "Desy E",
27             "email": "sahiyaa367@gmail.com",
28             "company": "CMS",
29             "job": "Backend Engineer"

```

```

30 |         | }
31 |         | }
32 |     ],
33 |     "projects": [],
34 |     "_count": {
35 |         "members": 1,
36 |         "projects": 0
37 |     },
38 |     "userRole": "OWNER",
39 |     "isOwner": true,
40 |     "stats": {
41 |         "totalMembers": 1,
42 |         "totalProjects": 0,
43 |         "activeMembers": 1,
44 |         "collaborators": 0
45 |     }
46 | }
47 |

```

Untuk fitur CRUD belum berhasil, aku lompat dulu ke Add Colaborator.

3. COLLABORATOR

Seperti sebelumnya, owner login dulu biar dapat token. Token ini dipakai buat namabahin collaborator.

The screenshot shows a REST client interface with a POST request to `http://localhost:3000/api/v1/collaborators`. The request body is a JSON object with `organizationId` and `email` fields. The response is a 201 status code with a message and detailed collaborator data.

Request:

```

1 {
2   "organizationId": "4c1e1e01-2e71-4f02-9228-0bbea66a90a3",
3   "email": "desiekaa71@gmail.com"
4 }

```

Response: 201 Created • 40 ms • 862 B

```

1 {
2   "message": "Collaborator invited successfully",
3   "data": {
4     "id": "85e234eb-333c-4638-a696-54364c9336d6",
5     "userId": 2,
6     "organizationId": "4c1e1e01-2e71-4f02-9228-0bbea66a90a3",
7     "role": "COLLABORATOR",
8     "status": "PENDING",
9     "joinedAt": "2025-10-21T02:02:58.140Z",
10    "createdAt": "2025-10-21T02:02:58.141Z",
11    "updatedAt": "2025-10-21T02:02:58.141Z",
12    "user": {
13      "id": 2,
14      "fullName": "Desy",
15      "email": "desiekaa71@gmail.com",
16      "role": "OWNER"

```