

DOCUMENT RUN TEST SERVICE

1. Login API

- The API should validate username and password
- List of valid username and password should be stored on a DBMS
- Any DBMS is allowed
- It is recommended to use JPA as ORM to manage relational data in Java application
- The API should implement JSON Web Token (JWT)

Run test:

Data dummy insert sql user and password : on folder Document -> users.sql

Data dummy insert sql role : on folder Document -> role.sql

Data dummy insert sql users_role : on folder Document -> users_roles.sql

Login using user : kamu and password :123

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


- Method:** POST
- URL:** http://localhost:8080/api/login
- Body:** x-www-form-urlencoded
- Parameters:**


KEY	VALUE	DESCRIPTION
username	kamu	
password	123	
- Response:** 200 OK, 123 ms, 762 B
- Response Body (JSON):**

```
{  "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYW11Iiwicm9sZXMiOiJ1UzI1NiJ9.eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYW11IiwiaXNzIjoiaHR0cDovL2xvY2FsaG9zdDo4MDgwL2FwaS9sb2dpbiIsImV4cCI6MTY3NjExMDMzMn0.",  "refresh_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYW11IiwiaXNzIjoiaHR0cDovL2xvY2FsaG9zdDo4MDgwL2FwaS9sb2dpbiIsImV4cCI6MTY3NjExMDMzMn0."}
```

← → ↻ jwt.io

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Crafted by  auth0 by Okta

Encoded PASTE A TOKEN HERE

```
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYW11Iiwicm9sZXMiOiUk9MRV9NQ5BR0VSII0sImZcyI6Imh0dHA6Ly9sb2NhbgVhc3Q6ODA4MC9hcGkvbG9naW4iLCJleHAiOjE2NzYxMDkxMzJ9.w-JfCQLTclZSU2b_C0Cc313K0FBD7zp2DgHb80gftR4
```

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "typ": "JWT",
  "alg": "HS256"
}
```

PAYLOAD: DATA

```
{
  "sub": "kamu",
  "roles": [
    "ROLE_MANAGER"
  ],
  "iss": "http://localhost:8080/api/login",
  "exp": 1676109132
}
```

2. Get job list API

- The API should be secured with JWT token
- The API should make http request to <http://dev3.dansmultipro.co.id/api/recruitment/positions.json> and return jobs data as response payload.

Run test

Using token :

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrYW11Iiwicm9sZXMiOiUk9MRV9NQ5BR0VSII0sImZcyI6Imh0dHA6Ly9sb2NhbgVhc3Q6ODA4MC9hcGkvbG9naW4iLCJleHAiOjE2NzYxMDkxMzJ9.w-JfCQLTclZSU2b_C0Cc313K0FBD7zp2DgHb80gftR4

←

GET h...

GET h..

GET h..

POST ↑

GET h...

GET h..

→

+

...

No Environment

👁

⚙

Untitled Request

BUILD

GET

http://localhost:8080/api/job-detail/7638eee4-4e75-4c06-a920-ea7619a311b5

Send

Save

Params

Authorization ●

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Code

TYPE

Bearer Token

Token

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWwiOiJrYW11liwic...

Body

Cookies

Headers (11)

Test Results

200 OK

101 ms

4.99 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

🔄

🔍

1

2

3

4

5

6

7

8

9

10

{

"id": "7638eee4-4e75-4c06-a920-ea7619a311b5",

"type": "Full Time",

"url": "https://jobs.github.com/positions/7638eee4-4e75-4c06-a920-ea7619a311b5",

"created_at": "Tue May 18 17:12:52 UTC 2021",

"company": "MANDARIN MEDIEN Gesellschaft für digitale Lösungen mbH",

"company_url": "https://www.mandarin-medien.de/",

"location": "Schwerin",

"title": "Systemadministrator:in",

"description": "zn2021 sind wir als Internetagentur gestartet. Heute bezeichnen wir uns als Digitalagentur. Das