JWT Authentication API Documentation

Project: JWT Token Project
Base URL: http://localhost:8085
Auth: JWT Bearer Token

---

1. User APIs

1.1 Create User

- **Endpoint: POST   http://localhost:8085/user/save**
- **Description:** Create New User
- **Headers:** Content-Type: application/json(Optional)
- **Body:**

```
{
   "name": "Md Rifat",
   "email": "abc@gmail.com",
   "password": "1234"
}
```

- **Response (Success 200):**

```
{
    "id": 1,
    "email": "abc@gmail.com",
    "name": "Md Rifat",
    "locked": false,
    "failedAttempt": 0
}
```

1.2 Get All Users

- **Endpoint: GET http://localhost:8085/user/all**
- **Description:** View all users
- **Response (Success 200):**

```
[
    {
        "id": 1,
        "email": "123@gmail.com",
        "name": "Md Jahir Ahmed",
        "locked": false,
        "failedAttempt": 0
    },
```

```json
    {
        "id": 2,
        "email": "abc@gmail.com",
        "name": "Md Rifat",
        "locked": false,
        "failedAttempt": 0
    }
]
```

1.3 Find User by Email

- **Endpoint: GET http://localhost:8085/user/find/123@gmail.com**
- **Description:** Find user by email
- **Response (Success 200):**

```json
{
    "id": 1,
    "email": "123@gmail.com",
    "name": "Md Jahir Ahmed",
    "locked": false,
    "failedAttempt": 1
}
```

---

2. Authentication APIs

2.1 Login

- **Endpoint: POST http://localhost:8085/auth/login**
- **Description:** Email & Password দিয়ে login করে access token ও refresh token দেয়।
- **Headers:** Content-Type: application/json(optional)
- **Body:**

```json
{
    "email": "abc@gmail.com",
    "password": "1234"
}
```

- **Response (Success 200):**

```json
{
        "token":"GciOiJIUzUxMiJ…… ",
        "refreshToken":"eyJhbGciOiJ……… ",
        "userName": "Md Rifat",
        "email": "abc@gmail.com"
}
```

2.2 Refresh Token

- **Endpoint:** POST **http://localhost:8085/auth/refresh**
- **Description:** Use Refresh token and get access token & refresh token
- **Headers:** Content-Type: application/json(Optional)
- **Body:**

```
{
   "refreshToken": "eyJhbGciOiJIUzUxMiJ9…….. "
}
```

- **Response (Success 200):**

```
{
    "accessToken":"eyJhbGciOiJIUzUxMiJ9……. ",
    "refreshToken":"eyJhbGciOiJIUzUxMiJ9…….. ",
    "success": true,
    "message": "Token refreshed"
}
```

2.3 Get Current User Info

- **Endpoint:** GET **http://localhost:8085/auth/me**

- **Description:** Logged-in user এর email & name দেখায়।

- **Auth:** Bearer Token "**eyJhbGciOiJIUzUxMiJ9…….**"

- **Response (Success 200):**

```
{
    "email": "123@gmail.com",
    "name": "Md Jahir Ahmed"
}
```

3. Error Response Example

- **Authentication Failure:**

```
{
  "status": 401,
  "message": "Invalid credentials",
  "success": false
}
```

- **Validation Error:**

```
{
  "status": 400,
  "message": "Email must not be empty..",  "success": false
}
```