**Instructions**

**Pre-requisites:**

Java 1.8.0

gradle-7.2

1. **Run: gradlew bootRun**
2. **Do a health test check on this public endpoint on Postman or your preferred API:** [**http://localhost:8080/api/users/health/test**](http://localhost:8080/api/users/health/test) **GET**
3. **Add User: http://localhost:8080/api/users PUT (PUBLIC ENDPOINT)**

Request Body:

{

"username":"NON\_NULL\_USERNAME",

"phone": "phone number",

"password": "NON\_NULL\_PASSWORD"

}

Response Body:

{

"id": "1",

"phone": "phone number"

}

1. **Log In: http://localhost:8080/api/user/login POST (PUBLIC ENDPOINT)**

Request Body:

{

    "username":"NON\_NULL\_USERNAME",

    "password": "NON\_NULL\_PASSWORD"

}

Response Body:

{

    "id": "1",

    "token": "eyBx…."

}

You will need the **token** from the above response body which is also found in the response header on **Authorization** to access the endpoints below.

1. **Get Users: http://localhost:8080/api/users GET (BEARER TOKEN REQUIRED)**

Request Header:

Bearer Token: eyBx….

Response Body:

{

    "users": [

        {

            "id": "1",

            "phone": "0113561000"

        },

        {

            "id": "2",

            "phone": "0113561001"

        },

        {

            "id": "3",

            "phone": "0113561002"

        }

    ]

}

1. **Get Users with active sessions: http://localhost:8080/api/users/active** **GET (BEARER TOKEN REQUIRED)**

Request Header:

Bearer Token: eyBx….

Response Body:

[

    {

        "id": "1",

        "phone": "0113561000"

    },

    {

        "id": "2",

        "phone": "0113561001"

    }

]

The token will expire after 3 minutes, and this endpoint will return Unauthorized error response

1. **Log out: http://localhost:8080/api/user/logout/{id} POST ({id} is the place holder for the existing user’s id. (BEARER TOKEN REQUIRED)**

Request Header:

Bearer Token: eyBx….

Response Body:

{

    "token": "Session\_token"

}