**Ravindar Beerelly**

Below are the steps to run My assignment.

1. I used node js 10.15.3
2. I used Hapi js for APIs
3. Copy MyPro folder in your workspace
4. Run **npm install** in cmd on MyPro
5. Run command : **npm start** on MyPro
6. To see the swagger UI please use the url <http://localhost:3000/documentation>

If you want to change port number 3000 ,you can change in MyPro/index.js.

**Using APIs:**

If you open swagger with above url , you can see three APIs.

1. **/Generate\_JWT\_token**: To generate jwt token.

If you want to use other APIs ,we should generate the jwt token from this api,it will valid for 10 minuts.

**Please use user as user1 or user2 or user3 in the payload ,for pwd you can use dummy password xxxxxx.**

Because I used one json objects for these three users for jwt validation.

Payload

{

"user": "user1", // you can use user2 or user3 also

"pwd": "xxxxxx"

}

1. **/getImage**: to download image

To download the image we can use this api.we need to pass jwt token in header for authentication.

1. **/jsonPatch**: to get updated json from json and jsonpatch.

To get the updated json we need to pass the jwt token in header and payload as shown below.

payload

{

"json": {

"name": "Ravindar",

"com": "LTI"

},

"patch": [{

"op": "replace",

"path": "/com",

"value": "cawStudio"

}]

}

Control flow:

Mypro/index.js 🡪 Mypro/src/api/requirement/route.js🡪 Mypro/src/api/requirement/controller.js

I used **Mypro/index.js** as server file

**Mypro/src/api/requirement/route.js** as routing file,it contains all routs

**Mypro/src/api/requirement/controller.js** as controller ,it contains handler functions

**MyPro/public** contains downloaded images