NP\_Dashbord

NP-Dashboard is a web application, an extension of the existing web application Sample\_Tracker. This application is for the Neuropathology lab, NIMHANS, Bangalore. It shows the turnaround time of samples, number and information of pending cases (internal and external), as charts, graphs, images. There are options to download, filter data etc.

Frontend – angular 11, angular material

Backend- java 11, Maven Spring boot, Mysql 8.0x

The attached zip folder (NP-lab-extension-main.zip) is composed of all the code needed to run this application.

Run instructions:

* Update your mysql database username and password in the application.properties file located at :

..\NP-lab-extension-main\backend\nplab\src\main\resources\application.properties, in order for the application to connect to the database.

* Execute the statements in Asset\_updation\_summary.sql file and the user\_table.sql file on the mysql workbench or the mysql terminal. This will create all the required tables and perform the updates on the respective tables. (\*This will alter(add) information in your asset table\*)
* Start server by running the file: DemoApplication.java.
* run npm install to install all the npm packages used
* Start client by using the command: ng serve.
* Navigate to <http://localhost:4200/> .

Import backend to eclipse

Eclipse-import-existing maven projects- NP-lab-extension-main (this will import only the backend code folder “backend” to eclipse)

Note:db is sampletracker\_test (test db).Both Sample\_Tracker and extension\_backend use same db. One of the REST apis is the same api used in Sample\_Tracker (API which is used in Sample\_Tracker for getting asset info)

Test account username admin, psw test123