

POTATOIO

CLIENT SIDE:

LANGUAGE USED: ANGULAR

URL: <https://172.104.40.208/potato>

Login Required: TRUE

PROJECT SOURCE: /var/www/html/potato

TOTAL NO. OF PAGES: 6

SERVER SIDE:

LANGUAGE USED: NODEJS

PROJECT SOURCE: /root/potato

PORT USED: 4300

SERVICE ENABLED: FALSE

SOURCE FILE: potato.js

RUN COMMAND: node potato.js

DATABASE CONFIGFILE: potato.js

SECURITY: JWT TOKEN & BCRIPT

TOKEN MAX LIFE: 10 HOURS

SECRET KEY: c8800dbf8f9975bbf1bbfd6b7726ff18

NOTE: THIS SECRET KEY IS USED FOR THE CURRENT SERVER IF YOU NEED TO CHANGE IT THEN YOU FOUND A FILE /root/potato/ THE FILE DON'T SHOWS NORMALLY TO EDIT IT RUN THIS COMMAND "nano .env" then the file is open and edit and save it.

NOTE: BEFORE RUN THE SERVER DATABASE NEED TO IMPORT OR NEED TO CREATE AND DONT CHANGE THE PORT THEN WEB APP ALSO NOT WORKING

DATABASE:

NAME: potato

NO. OF TABLES: 3

TABLES NAMES AND DESCRIPTION:

1. data_records: It stores all the device data.
2. device_list: it stores device config data.
3. user: it stores user login info.

NOTE: THE PASSWORDS ARE HASHED HASHING ALGORITHM USED IS BCrypt

HOW TO DEPLOY THE ANGULAR APP:

Step 1: Download all the angular files from the shared folder

Step 2: After download ends run this command “npm install” or “sudo npm install”

Step 3: To run the app locally use this command “ng serve”

Step 4: To deploy the app we need to build the app for production.

To build the app for the production run this command “ng build --prod”

After the project build you can find the building project in a dist folder.

Rename the folder to potato and copy the .htaccess file from the server you can find the file in /var/www/html/potato folder.

Step 5: Now config the index.html file you find in the dist/potato/ folder.

In index.html file add “/potato/” prefix at the first position of all the js files src and CSS files otherwise static files won't work.

After that you find a base URL under the head tag change the base URL form “/” to “/potato”.

Step 6: Now the angular ready to deploy on the server. Just upload the file in the server normally in “/var/www/html/ “ in this location or where you install the apache or any other server.

ENVIRONMENTS VARIABLE:

ANGULAR :

In environments folder under src folder you found two file
environment.ts and environment.prod.ts
Environment.ts is used for locally
Environment.prod.ts is used for production

NOTE: CHECK A YOUTUBE VIDEO OR GOOGLE IT ABOUT ANGULAR Environment file how to use.

NODEJS:

.env file is used. YOU CAN FIND IN THE FOLDER IT GIVES THE SECRET KEY FOR JWT TOKEN.

NOTE: CHECK A YOUTUBE VIDEO OR GOOGLE IT ABOUT NODE JS Environment file how to use YOU DON'T NEED TO CODE ANYTHING JUST IF REQUIRED CHANGE THE KEY.

NOTE: TO TEST THE ANGULAR APP LOCALLY OR DEPLOY IT IN SEVER MAKE SURE DATABASE IS IMPORT OR CREATE DONE. SERVER NODEJS FILE RUNS PROPERLY THEN TEST OR DEPLOY THE ANGULAR FILE AND MAKE SURE DON'T FORGET TO DO THE CONFIGURATION BEFORE DEPLOY THE ANGULAR WEB APP.