

COMPUTER PROJECT 1

PROJECT 3

REPORT

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1 – Setting Up Environment :

1.1 - Requirements to run the app :

NodeJS

PostgreSQL

NestJS CLI

1.2 – Installing Requirements

1.2.1 – NodeJS Windows

1.Install NodeJS from the official website :

NodeJS 2. Check version for NodeJS and npm by running node -v then npm -v

Linux(Ubuntu)

1.Open new terminal (Ctrl+Alt+T) All commands below will be performed in terminal

2.sudo apt update

3.sudo apt install nodejs

4.sudo apt install npm

5.Node.js -v

1.2.2 – PostgreSQL Windows

1.Download latest Installer from PostgreSQL

2.Run Installer , go through the default installation.

3.On the window asking for Password , set password to postgres (password can be set to any password of your choics but remember to change the password on the back/config/typeorm.ts file to the one you choose in this window)

4.Set Port number in the next window to default 5432

5.Choose default locale in the locale window

6.Finish Installation

7.Check installation from SQL Shell(psql) , open it , press Enter to accept defaults and thats it.

Linux(Ubuntu)

1.sudo apt update

2.sudo apt install postgresql postgresql-contrib

3.sudo -i -u postgres

4. psql or sudo -u postgres psql (this will enter you to the psql shell which means installation is successful)

5. Open a User Interface like pgAdmin for creating the database with name stats. (can be done from psql shell as well / this step must be done before running the application)

6. For any issues encountered go to PostgreSQL

-Ubuntu 1.2.2 – NestJS CLI 1. From the terminal (Windows and Ubuntu) enter command : npm i -g @nestjs/cli 2 - Running the Application

To run the app it is required to go to the proj3 directory and in the terminal run the command : npm run dev.

Then in the proj3-back directory it is needed to open the terminal in that directory and run npm run start:dev.

The opening the browser at localhost:3000 the app can be used.