README

Data Processing Project

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# README

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## Prerequisites

The following programs need to be installed or created before using our project.

* Node
* Docker
* .env file

## .env

The .env must contain all of these items:

POSTGRES\_USER=admin

POSTGRES\_PASSWORD=password

POSTGRES\_HOST=localhost

POSTGRES\_DB=postgres

POSTGRES\_PORT=5432

JWT\_SECRET=secret

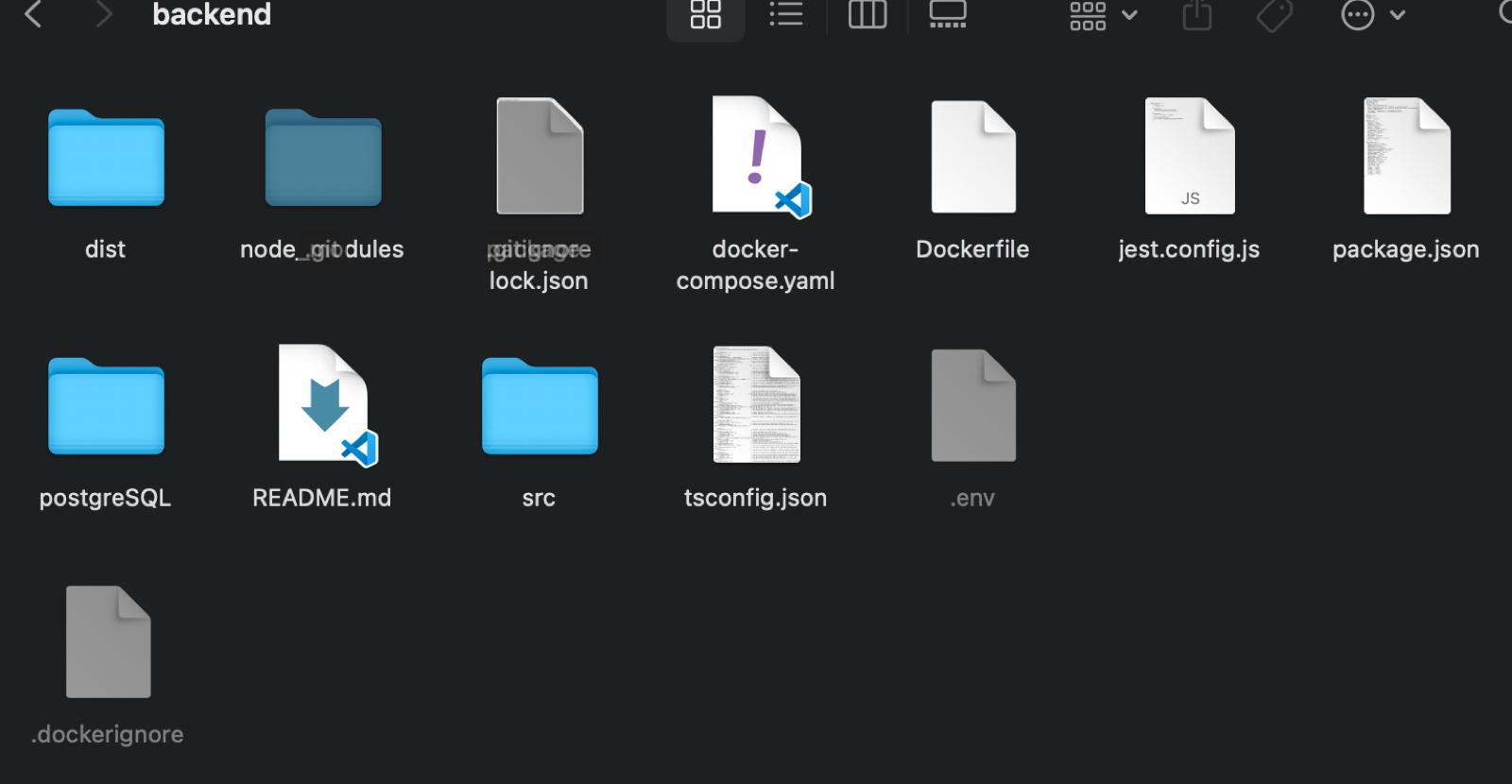
MAILING\_SERVICE\_ADDRESS = nhlstenden.work@gmail.com

MAILING\_SERVICE\_APP\_PASSWORD = ieykdgjbgcitkdpr

EMAIL\_API\_KEY = 9fffb9f220754101ab765d427898c3c7

PORT = 4000

Please place the .env file on the same level as the docker-compose.yaml file. It should look like the image below:



## Database

The database is hosted locally in a docker container. You can find the docker-compose.yaml with the Postgres database in the GitHub/Backend. The database can be found in script in the postgreSQL folder.

1. Create a database with the name ‘netflix’ (otherwise the API is not working)
2. Run the script in the following order:
   1. Netflix.sql
   2. Stored-procedures.sql
   3. triggers.sql
   4. Privileges.sql

Now you have a functional database without data.

Please execute frontend\_dummy\_data.sql to insert necessary data to make frontend run for show case.

## Backend

The backend runs on node.js on port 4000. To start the project please open a terminal window and find yourself in the correct directory.

Commands:

1. npm i
2. npm run build
3. Nom run dev

## Frontend

The frontend runs on node.js on port 3000.

Commands:

1. npm i
2. npm start

Admin example accounts to login:

Senior:

Email: [senior@example.com](mailto:senior@example.com)

Password: password

Medior:

Email: [medior@example.com](mailto:medior@example.com)

Password: password

Junior:

Email: [junior@example.com](mailto:junior@example.com)

Password: password

## Documents

All documents can be found on GitHub/Frontend.

Document item list:

* Diagrams folder
  + Versioning of ERD and class diagram
* Netflix.postman\_collection.json (This file meets the openapi specification)
* SQL\_backup.docx