

Application Frameworks

Application Frameworks Project User Guide

Group: WE-12 (Xtreme)

There are two main components in this project, that is client and server.

There will be two folders called client and server. In order to run the project,

- First go to each folder and run 'npm install' command.

Following packages must be installed

Server:

```
"dependencies": {
  "bcrypt-nodejs": "0.0.3",
  "bluebird": "^3.5.1",
  "body-parser": "^1.18.3",
  "cors": "^2.8.4",
  "express": "^4.16.3",
  "jsonwebtoken": "^8.2.2",
  "mongoose": "^5.1.4",
  "morgan": "^1.9.0",
  "passport": "^0.4.0",
  "passport-jwt": "^4.0.0"
},
"devDependencies": {
  "nodemon": "^1.17.5"
}
```

Client:

```
"dependencies": {
  "axios": "^0.18.0",
  "npm": "^6.1.0",
  "react": "^16.4.0",
  "react-dom": "^16.4.0",
  "react-router": "^4.3.1",
  "react-router-dom": "^4.3.1",
  "react-scripts": "1.1.4"
}
```

MongoDB server must be running in order to run this project.

After the installation

Go to the server folder and run "npm test" command.

Go to client folder and run "npm start" command.

Open your web browser and go to <http://localhost:3000/>

- First you need to register to the system as a user.
- Then you can go to the Employee tab and manage employees.
- From Assign departments tab you can assign employees to departments.
- From user management tab you can manage users who are registered to the system.

Git repository: <https://github.com/jicperera/AFAssignment>