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Project documentation

Have same setup as in vko 13. Go in the root folder and run npm run install. Run npm run dev:client and npm run dev:server in another terminal. Page is pretty empty if there are no posts. In left corner is link to home and registration page. You have to register user so you can login in the main screen.

Having client/server folders. Server runs on port 1234 with proxy. Use cors so we can access it.

Packages used in the project:

- Npx create react app
  - Base setup for react library
- express-generator --no-view server
  - For setting up server
- npm install --save-dev nodemon
  - Just relaunches server on save
- Material UI
  - Used for styling and Appbar on top of the page
- Cors
  - Needed for communication between server and client
- React-router-dom
  - Used for routing, creating multiple page react app
- Mongoose
  - Database
- Mongodb
  - Easy of use for db
- http-proxy-middleware –save
  - Needed for proxying client
- Jsonwebtoken
  - Authentication, and verification
- Dotenv
  - Used for env Secret, which is compared in cerification
- universal cookie
  - Easy cookie api
- jwt decode
  - Decodes jwt token for easier use.
- react-i18next
  - translation between fi/en

I used mostly libraries which we have alrdy used during the course. Mianly the cookie one and jwt decode were new ones.

Practically ran same setup as during the codegrade assignments. Only difference is in the DB address. New ones wants localhost as numbers.
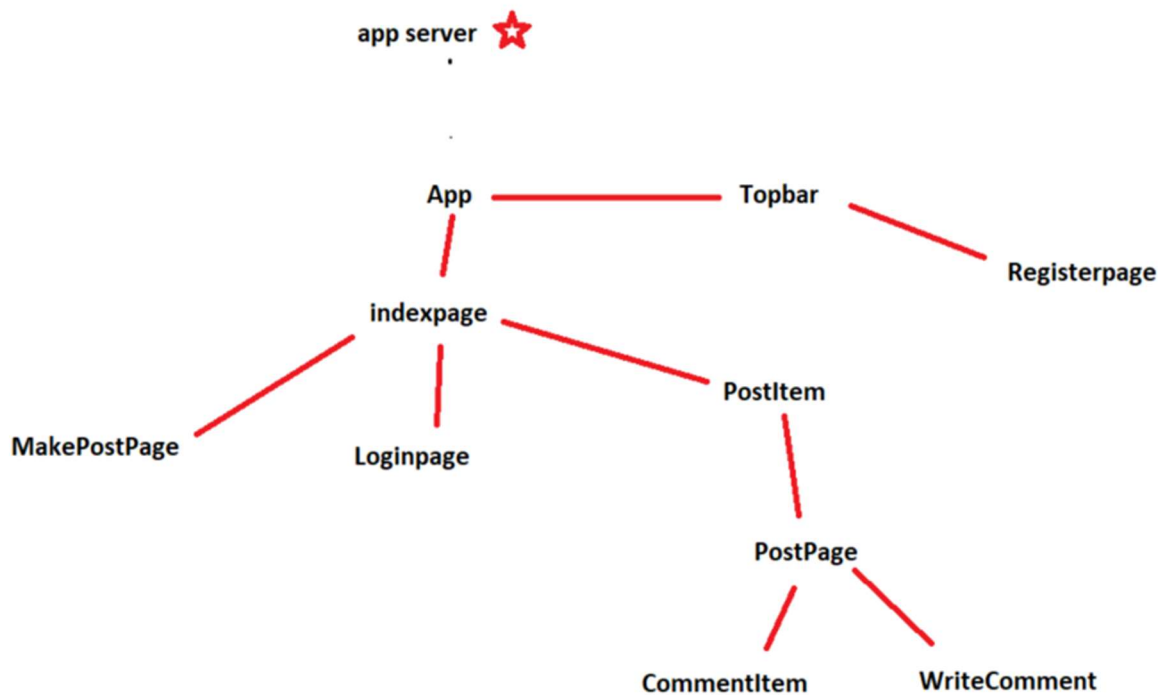
Instead of :

```
const mongoDB = "mongodb://localhost:27017/testdb";
```

It is:

```
const mongoDB = "mongodb://127.0.0.1:27017/project"
```

Project hierarchy:

 Items are components in pages and pages are pages.

Translated all hardcoded visible components with react-i18next, so I didn't bother to comment it on all the files.

I did all the mandatory requirements, alltho I added the translation option last and finnish makes the ui bit messy on mobile size.

25p.

Utilized react

5p.

Translation

2p