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## **CT30A3203 Web Applications course project**

I decided to do the project with a REACT frontend and Express/Node backend as in week 11 exercises. I will be providing a separate README file into the project repository where I will explain how to get my project up and running for testing.

I am going to use the week 7 exercises as a basis for my backend, since registering and login is already implemented there. With the backend I am going to utilize MongoDB for storing data. What remains to be implemented with completely new code is the interaction between the REACT frontend and the backend.

My aim is to describe the project's functionality as best as I can inside code comments, so I will keep this document short.

One of the hardest things about the project was redirecting in React. There was a lot of conflicting information about it on stackoverflow. Turned out that react router documentation was the best source for information about redirecting.

### **Testing application for accessibility:**

I tested that the site is usable by only keyboard, since every element that would need to be selected is selectable with tab key (tested with firefox, edge and chrome). The site doesn't support voice commands. The site and selectable elements can be read aloud by screen reader, although listening a screen reader read code snippets was not really optimal (tested with chrome screen reader and NVDA screen reader).

Features implemented:

<b>Feature</b>	<b>Points</b>
Basic features and documentation	25
Frontside framework (React)	5
Code highlighting (highlight.js)	2
User profile page (logged in user can change own bio)	2
Users can edit their posts/comments	4
Last edited timestamp stored and shown	2
Test for accessibility	3
ADMIN* account with edit and delete rights	3
Search for posts	2
<b>Total</b>	<b>48</b>

\*ADMIN credentials:

Username: ADMIN

Password: admin1234