Full Stack - project

Basic features (as stated in the previous chapter) with well written documentation	25
Utilization of a frontside framework, such as React, but you can also use Angular, Vue or some other	3
Cards can be reordered with drag and drop	2
Columns can be reordered	1
User can set the color of a card	1
User has the option just to double click any edible content (like header or card description) and edit it	4
Cards can have comments in them, one or many	3
Cards and comments have visible timestamps when they have been created and updated	4
Provide a search that can filter out only those cards that have the searched keyword	3
Cards have estimated time, when the work is done	1
User is able to register the time she has spent with the task/card	1
Own feature: Columns header color can be changed from drop down and it's saved to the database	2
Own feature: Delete comment	2

Total points 52

I chose React for the frontend side because I wanted to improve my skills with it. This project was a great opportunity to make my skills better with react and also with the whole full stack development. For backend I chose node.js with Express that's because I learnt to use it on this course. For authentication I used JWT auth with cookies. For better mobile

usage I used media queries on CSS files. Attention: When moving cards from column to column move the card to column header to get it swap to another column.

I used these sites when coding the website

For JWT auth with cookies

https://medium.com/@ryanchenkie_40935/react-authentication-how-to-store-jwt-in-a-cookie-346519310e81
For card and navbar design
https://react-bootstrap.netlify.app/docs/components/accordion
I used react login form for registration and login sites

https://react-bootstrap.netlify.app/docs/forms/overview/

For getting timestamps etc
https://www.npmjs.com/package/react-moment

For moving cards between columns and inside I used dndkit
https://docs.dndkit.com/

Got different colors from w3schools colors

https://www.w3schools.com/cssref/css_colors.php

Got all icons from here
https://icons.getbootstrap.com/

Declaration of AI usage

I had made JWT Auth on the course tasks and used is as basement for this website Authentication system. I used GPT-4o for making debugging my authentication system when I changed it to use cookies. After fighting with issues on Drag and Drop I used it to help with debugging it. In the end of the project I used same GPT-4 to generate comments and clean code from spaces and newlines.