

Technology Choices:

I used React as it was the frontside framework we used on the course, same reason why I used Express, MongoDB, JWT, bcrypt, and Materialize. I used dnd-kit for the drag and drop system as I found a helpful Youtube tutorial to get started with.

Installation Guidelines:

Clone repository from GitHub

install dependencies with “npm install”

run with “npm run dev” in the root folder

User Manual:

When you 1st launch the application it and click into localhost it sends you to login in page. You can click register in the top right corner:

In register page you can register a user by typing in a username, email, and password (password needs to be at least 8 characters long, and contain at least 1 of each lowercase letter, uppercase letter and a number.

after registering you can see 3 columns, and an action button to add more.

The columns you can reorder with the arrow buttons. You can also click to open dropdown menus from the 3 dotted menu icon in top right corner of each one. From the menu you can add new cards to the columns, customize the columns or even delete them.

After adding cards, you can move or reorganize with drag and drop functionality. Just click onto the header of the card and start dragging. (pst.. You can spot from what height you can drag by the 6 dots on the upper left side of the card). You'll also notice that the cards have icons of a pen, and a trash can which as usual mean edit and delete the individual card.

When you're done with your Kanban Board you can logout from the red button in top right that read “LOGOUT”, and your board will be waiting for you when you log back in (as long as you don't delete it through MongoDB compass or a similar product)

List of Features / Points I'm hoping for them:

Basic features with written documentation	25
Utilization of React	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 can set the color of a column	1
Cards have estimated time, when the work is done	1
Cards and comments have visible timestamps when they have been created and updated	3

Neat Usage of icons to keep the page clean	1
Usage of modals in column and card creation and customization. Keeping the page clean when not adding new stuff in	2
Small amount of Email and password validation	1
Combined points	41

Declaration of AI usage:

I have not used any AI systems in creating this project or this documentation.