What is the intended purpose of your application?
The user will be able to store all the ingredients in their pantry and update the quantities as required. They will also be able to search for their favourite recipes by the ingredient

How are you using React?
I am using it to make the data update more seamlessly on the front end and using react components like the nav bar and recipe list on different pages

What data are you storing in MongoDB?
The pantry data - ingredient name, category, quantity and measurement type

What went right?
I think the recipe list and ingredient list came out quite well, especially the ingredient list because I had to iterate through it to make sure it could be displayed as Bulma tiles on separate lines. That took some time.

What went wrong?
I didn't implement a password change system while logged in, which I would've liked to do if I had more time. I also feel like the profit model could be improved. I spent longer than expected on that because I didn't realise I had Adblock enabled on chrome so the placeholders were just getting blocked. I also think styling could be improved a little but it meets expectations.

What did you learn
I realised that if I'm using the Bulma framework, I should do the styling of components while creating them because I had to refactor a bunch of things after adding so many divs and also that I could've put more time into this

If you were to continue, how would you improve it?
I would first implement a password change while logged in. I would like to implement a way to sort results as well. I would also want to add a way to favourite recipes, store them in mongo, and view them in a favourites page later on. I would also want to add a community favourites page so people can see the most popular recipes.

Did you go above and beyond? How?
I used the Bulma framework. I also used an external API (themealdb)

If you used any borrowed code or code fragments, where did you get them from?
I used the styling of my navbar that I had from project 1 but with react

What do the code fragments do? Where are they in your code
They helped with styling the elements

ENDPOINTS

URL: /getToken
Supported Methods: GET
Middleware: Requires Secure
Query Params:
Description: Gets a token for the session
Return Type(s): JSON

URL: /getIngredients
Supported Methods: GET
Middleware: Requires login
Query Params:
Description: Gets all of the user's ingredients from the db
Return Type(s): JSON

URL: /clearIngredients
Supported Methods: GET
Middleware: Requires login
Query Params:
Description: deletes all of the user's ingredients from the db
Return Type(s): JSON

URL: /deleteIngredient
Supported Methods: POST
Middleware: Requires login
Query Params: ingredient ID
Description: deletes the specified ingredient from the db
Return Type(s): JSON

URL: /recipePage
Supported Methods: GET
Middleware: Requires login
Query Params:
Description: Gets the recipe page
Return Type(s): JSON

URL: /findRecipe
Supported Methods: POST
Middleware: Requires login
Query Params: ingredient ID
Description: gets recipes based on ingredient from the API
Return Type(s): JSON

URL: /searchRecipe
Supported Methods: POST
Middleware: Requires login
Query Params: ingredient name
Description: finds recipes of that name on the database and returns them
Return Type(s): JSON

URL: /login
Supported Methods: GET, POST
Middleware: Requires logout, requires secure
Query Params: username, password, csrf
Description: log in the user
Return Type(s): JSON

URL: /signup
Supported Methods: POST
Middleware: Requires logout, requires secure
Query Params: username, password, csrf
Description: sign up the user
Return Type(s): JSON

URL: /logout
Supported Methods: GET
Middleware: Requires login
Query Params:
Description: logs out the user
Return Type(s): JSON

URL: /changePass
Supported Methods: POST
Middleware: Requires logout, requires secure
Query Params: username, old password, new password
Description: changes user password
Return Type(s): JSON

URL: /maker
Supported Methods: GET, POST
Middleware: Requires login
Query Params: name, category, quantity, measurement and csrf
Description: adds ingredient to the pantry
Return Type(s): JSON

URL: /
Supported Methods: GET
Middleware: Requires logout, requires secure
Query Params:
Description: login page
Return Type(s): JSON

URL: anything else
Supported Methods: GET
Middleware: requires secure
Query Params:
Description: login page
Return Type(s): JSON