Planning:

- My plan of action was to begin with firebase authentication and display user data when logged in. From there my next step was to try and incorporate API widgets for my dashboard/Home Screen. Once I had my API widgets I was able to expand on them for the sub pages. Finally I created the calculator and to do list widget and ended with styling the whole website.

Design:

- **Design Themes**
  - Blue colour palette from figma.
  - Arial font for all text.
  - Added icons for widgets without pictures to make more visually appealing.
  - Fit all the widgets nicely so there's no weird gaps, this makes it much more visually appealing.
- **Gestalt principles**
  - Login, register, memes, drinks pages all make good use of figure/ground by having the main figure in the centre and white (or in my case blue haha) space around to not over crowd the pages. Also use of ground space around widgets on home page to show things are separate containers.
  - Navigation bar groups together buttons with similar purpose (to navigate you to that page).

Implementation:

- For my dashboard I used these apis:
  - Weather api: https://openweathermap.org/
  - Drinks api: https://www.thecocktaildb.com/api.php
  - Memes api: https://imgflip.com/api
- For weather page:
  - https://www.tomorrow.io/weather-api/

Roadblocks

- I faced several roadblocks while creating this website as its the first react site I've ever done. When creating my widgets I had intended to use SVGs to add some animation/images to the widgets but I was not able to get the SVGS to work, they would come up as like an image not found icon, to solve this I resorted to using pngs for most of my images/icons. I was not able to figure out how to access the registered users info from firebase without creating a separate database to store the user data upon registration and access that database. I found this seemed like too much work for the 1 mark so I left my dashboard without it. Coming up with a design was very hard as I'm not very creative or good at matching colours so I used a lot of examples from online as

well as a colour palette from figma to keep my colours all related and matching well together. Finally, I had issues with retrieving a 7 day forecast for my weather page, I found the map function in examples to throw me off but in the end I was able to find an example that was easy to follow.