Weather App

Front End (Angular)

<u>User Story</u>

A user needs an Angular app to help him decide how he will dress for the day depending on the weather. He also needs the app to:
1. Have the current weather of his city (Eldoret) on the home page
2. Have a section for the forecast for 5 days for his current city
3. Ability to search for different cities and display there current weather and forecasts
4. A nice user interface with icons to display the current weather and respective forecasts
5. A recommendation feature that will help him to:
   a. Decide whether to carry an umbrella or not
   b. Decide whether to wear a jacket or gumboots
   c. Decide whether to wear a hat and sunglasses
   d. Decide if he should wash his clothes today
   e. Decide if he should take his girlfriend out for coffee or ice cream

<u>Requirements:</u>

Day 1: Design Wireframes using https://wireframe.cc/ below on the for the user interface of the application. Below is an example for the wireframe of the app.
https://wireframe.cc/GHpBaC (0.5 day)
Day 2 - 7: Develop the application using the OpenWeatherMap API (5 days)
Day 8 - 10: Write tests for the application (2 days)
Finally,Present to the team

Backend (Node.js)

The user wants to be able to track his activities and moods depending on the weather. This will require you to build a backend that stores the weather data, the users moods and activities. Use any database that you may wish. Design the data model, and write a ode application that communicates with the front end using REST. Develop a mockup as you did to allow the user to :

1) Enter his moods and activities for that day
2) Display his collected moods and activities over time.