WEATHER GENIE

esuje

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Planning

Initial Research

I have research about already made weather app to get some inspiration for the UI.

The objectives include:

This weather app objective is to allow people to view weather of a particular city and to save to particular city and remove them too.

Libraries used:

- Redux (fully done)
- Jest (only component testing due to insufficient time)
  (To run (npm test))
- Eslint

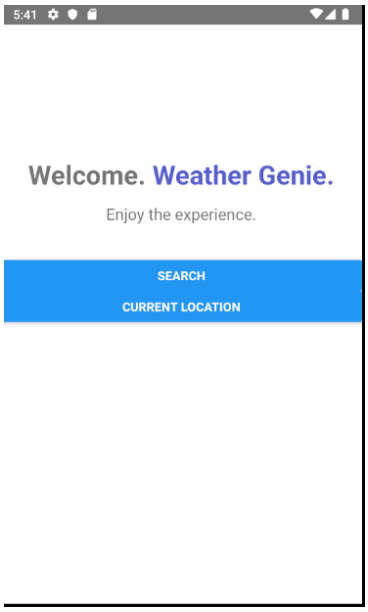
Weather API

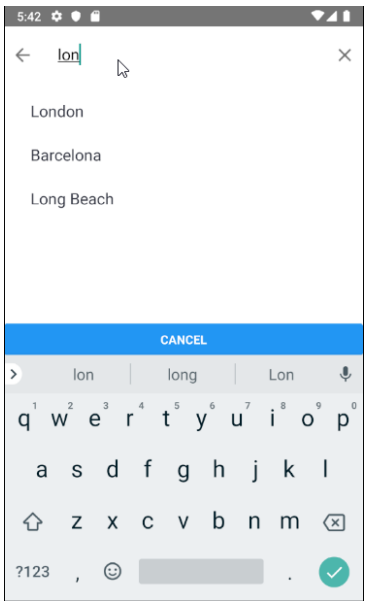
https://www.metaweather.com/api/

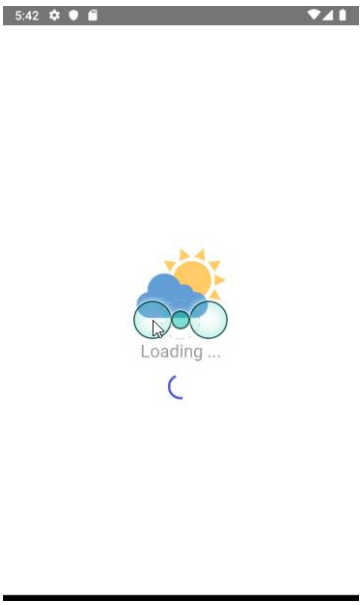
Features of application

- Search Cities
- Add cities
- Remove cities
- View cities weather
- Swipe able feature through saved cities
- Current location button to show weather according to longitude and latitude.

Below screenshot are given:

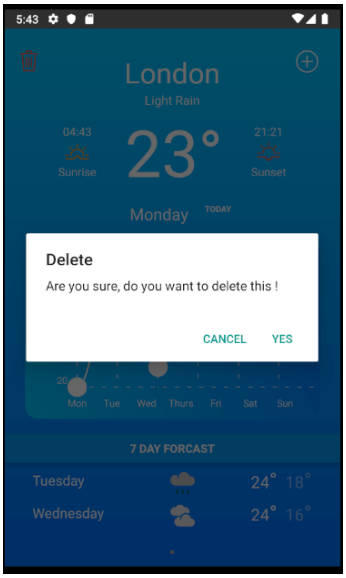

5:41
Welcome. Weather Genie.
Enjoy the experience.
SEARCH
CURRENT LOCATION


5:42
lon
London
Barcelona
Long Beach
CANCEL
lon
long
Lon


5:42
Loading ...

London
Light Rain
04:43
Sunrise
23°
21:21
Sunset
Monday
TODAY
40
33
27
20
Mon
Tue
Wed
Thurs
Fri
Sat
Sun
7 DAY FORCAST

7 DAY FORCAST
Tuesday 24° 18°
Wednesday 24° 16°
Thursday 25° 15°
Friday 28° 17°
Saturday 28° 18°
Sunday 24° 16°
Monday 22° 15°


5:43
London
Light Rain
04:43
Sunrise
23°
21:21
Sunset
Monday
TODAY
Delete
Are you sure, do you want to delete this !
CANCEL
YES
7 DAY FORCAST
Tuesday 24° 18°
Wednesday 24° 16°

Installation steps

Start Android Emulator

1. npm install
2. react-native link
3. react-native run:android

GitHub Repository Link

https://github.com/silentnerd/WeatherApp.git

Additional note:

In the main screen view we can see a chart it has been hardcoded due to insufficient time I am unable to filter the API data which the chart needs.

Apart from this I have not done other testing than component test (SnapShot testing)

Folder architecture has been done