

# Herolo Home Assignment



## OVERVIEW

write a simple, responsive, web app in angular/react that shows the weather of some city. The user should be able to search for a city and save it to favorites (locally, a server is not required).

We expect to see 2 pages in this app. (weather page and favorites page).

We recommend you to use a 3rd party UI library (material, prime, bootstrap, etc)

## API

The API that you'll use for this app is [AccuWeather API](#). Please signup and create a new app in order to get an API key.

You will use 3 endpoints: [location autocomplete](#) for the search field, [get current weather](#) and [5-day daily forecast](#). Please read those API docs.

NOTE: this API is limited to 50 requests per day. our recommendation is to save the responses and use them locally during development.

## GOALS

1. Show us your coding skills - We want to see your strengths, don't be afraid to go wild, add features and customize the design.
2. Readability - Your code should be readable and self-explanatory with minimum comments. Remove any unused code, console logs, and files. Use logical project structure and code separation.

## HOW TO SUBMIT

1. Push your code to your git repository and make it public (we recommend GitHub in order to use GitHub Pages with ease), **name the repo as firstName-lastName-dateOfStart (John-Doe-01-12-2018)**.
2. Deploy the compiled app to your server or GitHub pages/Heroku/etc - **MUST**

**Send us the git repository link and a link to the deployed app (2 links)**

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## SPECS

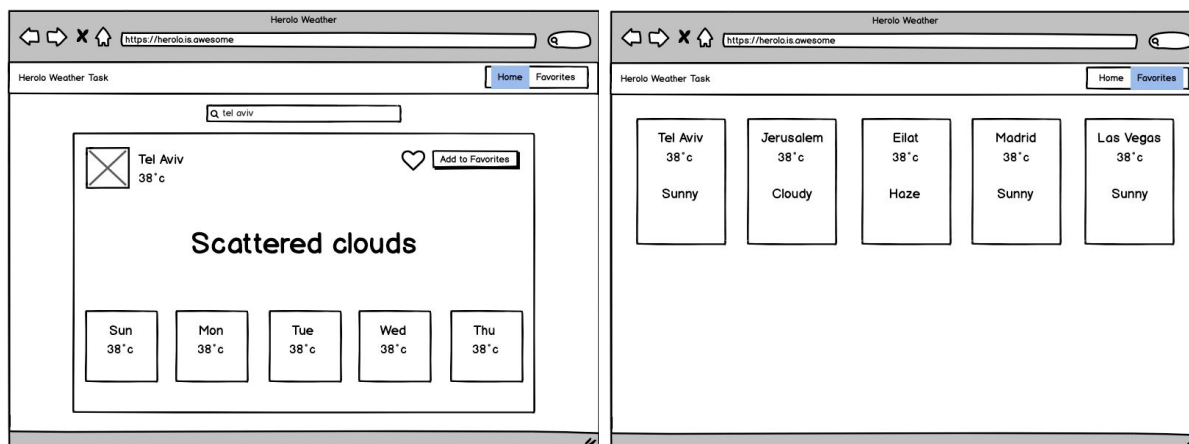
1. Create a header with navigation icons/links/buttons for main and favorites screen.
2. The main screen (weather details) will be composed of a search field to search a location's weather by city name. And below it, the current weather and a 5-day forecast of the searched location. A location should have an indication if it's already saved in favorites, and a button to add/remove from favorites (it can be the same button).
3. Display Tel Aviv weather by default.
4. Favorites screen will be composed of a list of favorite locations. Each location should have an ID, name and current weather. Clicking on a favorite will navigate to the main screen showing the details of that location.
5. Searching should be done in English letters only
6. State management is a must!
7. Responsive design is a must! (flexbox/grid will give you extra points 😊).
8. Error handling is a must! (can be done with toast, modal).

## BONUSES

1. Set the default location by using the [Geolocation API](#). you will need another API endpoint for this: [get location key by lat/lon](#).
2. Add dark/light theme support (add toggle button in the header).
3. Add Celsius/Fahrenheit toggle button.
4. Add animations (with good taste).

## EXAMPLE

We've created a UI mockup so you'll have a basic idea of what we expect to see.



Good luck, [Herolo Team](#)