Project Proposal: Find My Nearest ParkRun

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Introduction

Parkrun is a collection of 5km running events that take place on a Saturday morning throughout the world (22 countries at the time of writing). At the moment, locations of parkrun can be seen on a map. However, you will then have to manually look at these locations to find the nearest parkrun.

Goal

The goal of this is to create a simple mapping application which will allow you to enter your location and it will highlight the closest parkrun to you. This will require geocoding and distance calculations. Further, it would be great to get routing information and draw these onto the map.

References

- Parkrun website: https://www.parkrun.org.uk/
- Parkrun locations on a map: https://www.parkrun.org.uk/events/events/#geo=4.66/55.05/-2.95
- Mapbox: https://www.mapbox.com/
- React-mapbox-gl: https://github.com/alex3165/react-mapbox-gl
- Custom maps with Mapbox and React.js: https://blog.cloudboost.io/adding-custom-maps-to-react-app-using-mapbox-bb978845e7ad