Zwift Developer Coding Challenge

Deliverables

- Backend API using any tech (Node.js using Express recommended)
- Front end application using any tech (React or Vue recommended)

Please store all your code in a single Github repository and send us a link to it. Make sure the repository contains instructions on how to set up and run both applications.

Goal

Create a frontend application that requests data from a backend application and displays the result.

Your backend application must contain this JSON data set Earth Meteorite Landings (attached to email). Load in this data set however you feel is appropriate.

The front end application should:

- Be able to request all meteorite landings for a specific year a user chooses and display all relevant meteorites to a user
  - Display only name, mass and recclass(if there is no mass or recclass display nothing)
  - User should be able to sort the list by mass (if no mass then assume 0 or null)
  - Display all meteorite landing spots for that year in on a map (can use any mapping framework you like to display e.g Google Maps or Open Street Map)
- Be able to request all meteorite landings by recclass and display them to the user
  - Display only name, mass and recclass (if there is no mass display nothing)
  - User should be able to sort the list by mass (if no mass then assume 0 or null)
  - Display all meteorite landing spots for that class on a map (can use any mapping framework you like to display such as Google Maps, Open Street Maps etc.)

Tips

- Keep everything as simple as possible
- This is a chance for you to show off your skills
- Try to complete this in less than a total of 6 hours
- Leave comments where you feel it is necessary, in general, we should be able to understand your code just by reading it.
- Don’t use external services to host your applications, local hosting is fine.

Example Meteorite below:

```
{
     "name": "Tahara",
     "id": "23784",
     "nametype": "Valid",
     "recclass": "H4/5",
     "mass": "1000",
     "fall": "Fell",
     "year": "1991-01-01T00:00:00.000",
     "reclat": "34.720000",
     "reclong": "137.305000",
     "geolocation": {
  "type": "Point",
  "coordinates": [
      137.305,
       34.72
    ]
       }
}
```