Traffic Drones

Scenario:

There are several automatic drones that fly around London and report on traffic conditions. When a drone flies over a tube station, it assesses what the traffic condition is like in the area, and reports on it. A monitoring tool keeps track of the drones, processing all the emitted data to finally create two reports at the end of the day.

Task:

Write a web application where you can view the data from both reports. One of them will contain the list of the drones that flew during the day. The second one will provide the whole set of data reported from all the drones.

The application requires to display the data in two different pages:

- *Drone list*: listing the drones as a card grid where each card contains the basic information per drone (*name*, *battery level*, *age*, *image*)
- *Drone reports*: displaying the reports data for a given drone (*time*, *speed*, *latitude*, *longitud*, *traffic conditions*)

The default home page will be the drone list from where you can navigate and check the generated reports based on the drone you want to inspect.

Notes:

- The pages should follow the designs provided in the following link
- The pages should be fully responsive across devices (mobile, tablet, desktop)
- The app will be executed in a low memory device with a poor network connection, so consider using pure Javascript or choose the alternative you consider suitable
- There are two files containing the required data: drones list *(drones.json)* and the data set generated *(data.json).* Both reports should be exposed from different endpoints

Deliverable:

1. The assignment should be delivered as a web application that allows the user to check both reports.
2. This is a fairly open assignment in terms of how you structure the solution. You will be judged on the overall quality of the app (UI, responsiveness, consistency, code quality, simplicity).