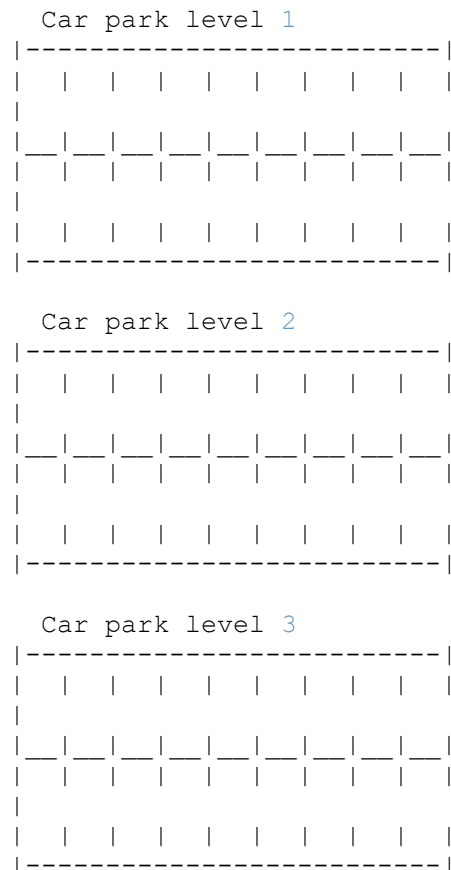


Developer Test: React

Project Information



- Above illustrates a multi-level car park.
- Each level of the carpark has a maximum capacity of (9*4).
- Currently spaces are managed manually which without a application overview causes issue.

Project Brief

To convert the manual process of car assignment to available car park spaces with a prototype single page application built in ReactJS.

The operators of the application will sit at the entry point of the car park at level 1.

The acceptance criteria:

- A single page application in ReactJS and any applicable CSS framework.
- Uses redux to manage the apps state.
- Design to fit the corporate identity of Munich Airport: <https://www.munich-airport.com>
- The prototype should run without an accompanying backend:
 - If the prototype is accepted by the client, the api/database layer will be injected at a later date.
- The application should be able to automatically assign vehicles to available spaces.
- The app should fill spaces from the bottom up:
 - Level 1 should be filled first, when full moving up to level 2 and then up to level 3.
- The app should alert the user clearly when the car-park is full.
- The application code base should be stored in the following GitHub repository:
 - <https://github.com/acrontum/react-carpark>
 - Please provide your GitHub account name before starting so access can be granted.
 - You have a maximum of 4 hours to complete it.