

# Developer Challenge

Web Developer  
2017

 QANTAS ASSURE.

FREQUENT  
FLYER



# Car Catalog

The following is a small coding exercise for you to work on. It helps us understand how you do what you do best – write great software. We want to see how well you build software and are looking forward to chatting with you about your solution afterwards. We recommend you have a good look at the problem description before getting started.

We ask that you work on the solution by yourself and submit only your own code. This task shouldn't take more than a few hours, however we know people have busy weeks and if you need a weekend to work on this we understand.

When complete, please email the solution back to the individual who sent this to you. We will review your implementation with you during a follow-up interview.

We are going to build an app to browse a car catalog. The app should have a primary navigation bar containing two items: **Home** and **Search**.

### **http://localhost:3000/**

This is the homepage. It should display the car of the week (data provided).

### **http://localhost:3000/search**

This is the search page containing two select boxes and a button. The button will be initially disabled. The first select box contains car makes. The second select box cascades from the first, displaying models based on the selected make. On select of a model, the button becomes enabled and clicking it takes the user to the details page.

### **http://localhost:3000/make/model/id**

This is the details page for the selected car model. The id at the end of the url is the model id that should be loaded.

Users should be able to access all pages via direct url or via app navigation. You can find all the relevant json files [here](#)

We are looking for a react, react-router, redux spa implementation. Bonus points for server side rendering and double bonus points for using a data fetch framework.

Have fun!

# Keep in Touch

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