## Qantas Code Challenge (Backend)

### Brief

You have been tasked with the job of giving Qantas customers the ability to view which airports Qantas currently operates from. As part of this task you will build a lightweight backend

which enables the Qantas Mobile App to search for Airport locations.

Build a public backend application that consumes the below mentioned JSON API and allows the consumer to list and filter airports by country, airport code, international, domestic airports.

An airports JSON API is available at <https://www.qantas.com.au/api/airports>.

We expect a RESTful JSON API. Please do not spend time for additional functionality such as admin interface, UI or extensive security mechanisms.

We prefer Java or Node but you are allowed to use a different language if you wish. You are allowed to use any tools and libraries to solve this challenge. At a minimum we require that your application compiles, runs and includes automated tests, but we will also assess other aspects of your solution such as design and choice of 3rd party libraries.

**NOTE** - You shouldn’t need to spend more than 3-4 hours on this challenge.

The deliverables for the challenge are:

1. A backend service and any additional artefacts provided as a zip.
2. Any supporting documentation or instructions needed to run the service.

Please email your completed test back to:

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