

# Code Challenge

DEC 2014

# The Challenge

Develop a very simple working application on your chosen platform (Android / iOS / Web) with the following functionality:

1. Read the following JSON feed containing a list of qualifications (a sample is presented below for your reference): <https://api.gojimo.net/api/v4/qualifications>
2. Display a list of qualifications based on the data provided by the feed.
3. Allow users to click a qualification to be presented with a list of subjects for that qualification.

```
{
  id: "d45945e4-b724-48ab-9f99-21e61f1648ad",
  name: "11+ Common Entrance",
  subjects: [
    {
      id: "ef319206-aa64-41f5-ac67-17a4fb8d10f6",
      title: "English",
      link: "/api/v4/subjects/ef319206-aa64-41f5-ac67-17a4fb8d10f6",
      colour: "#ECF7E2"
    }
  ],
  default_products: [ ],
  created_at: "2014-04-12T10:06:33.000Z",
  updated_at: "2014-04-12T10:06:33.000Z",
  link: "/api/v4/qualifications/d45945e4-b724-48ab-9f99-21e61f1648ad"
}
```

## BONUS POINTS

Whilst not essential, we will be very pleased to see you take the challenge further by:

- i. Using the data provided to its full potential by taking advantage of fields like colour for subjects.
- ii. Making the GUI as appealing and responsive as possible.
- iii. Storing the data locally and refresh from the server as requested, taking advantage of the HTTP headers to avoid downloads of non-stale data.
- iv. Unit testing your code.