



Mobile Developer Test

Thanks for applying for Mobile Developer role at Gousto.

We would like to ask you to create a simple project in a platform specific IDE (Xcode for iOS, Android Studio for Android) and implement the following functionality.

The task will be to design and implement a standalone app that lists and displays Gousto's additional products.

Customer adds additional products after selecting recipes and placing a box order. Examples of additional products: wine, kitchen utensils, desserts.

Please have a look at two API endpoints:

<https://api.gousto.co.uk/products/v2.0/products>

Returns a list of additional products available.

<https://api.gousto.co.uk/products/v2.0/categories>

Returns a list of categories for additional products.

Example:

[https://api.gousto.co.uk/products/v2.0/products?includes\[\]=categories&includes\[\]=attributes&image_sizes\[\]=750](https://api.gousto.co.uk/products/v2.0/products?includes[]=categories&includes[]=attributes&image_sizes[]=750)

- "image_sizes" array specifies that the returned object will include images with widths of requested sizes (or the closest bigger size than requested); that allows to optimize the image sizes for certain mobile devices.
- "includes" array specifies additional objects to be returned with products, for example "categories", "attributes"

Functional Requirements

- Product list should display product title, price, image (please feel free to show any additional info returned by the API).
- There should be an option to filter products by a category. (with an "All Categories" option)
- Please feel free to come up with your own design of the screens.

Non Functional Requirements

- The app should be built with good UX and use native UI elements for the platform (Android, iOS) where possible.
- It is allowed to use any required third-party libraries.
- Please create some unit tests as part of the task.

Extra Brownie Points For (not required):

- Create a simple user automated test for the application (for example switching the selected category)
- Create a Product Detail page with some transition between the screens
- Provide landscape support (with some UI adjustment, for example grid instead of the list in the landscape mode etc.)