

# Problem

You're a successful Shopify merchant with many collections of products! You'd like to keep an eye on your collections. Let's create an app that displays a **Custom Collections list page** and a **Collection Details page**. Your app will fetch the data from the [Shopify Custom Collections REST API](#).

**Custom Collections list page:** A simple list of every custom collection (e.g. In our above response you will see we will need cells for: Aerodynamic, Durable and Small). Tapping on a collection launches the Collection Details page.

**Collection Details page:** A list of every product for a specific collection. Each row in the list needs to contain, at a minimum:

- The name of the product
- The total available inventory across all variants of the product
- The collection title
- The collection image

To fetch the products for a custom collection you will need to retrieve the list of collects in a specific collection first :

[https://shopicruit.myshopify.com/admin/collects.json?collection\\_id=68424466488&page=1&access\\_token=c32313df0d0ef512ca64d5b336a0d7c6](https://shopicruit.myshopify.com/admin/collects.json?collection_id=68424466488&page=1&access_token=c32313df0d0ef512ca64d5b336a0d7c6)

(replace **collection\_id** with the appropriate id you retrieved from the collections list)

Then load the product details with each **product\_id** in the collect list :

[https://shopicruit.myshopify.com/admin/products.json?ids=2759137027,2759143811&page=1&access\\_token=c32313df0d0ef512ca64d5b336a0d7c6](https://shopicruit.myshopify.com/admin/products.json?ids=2759137027,2759143811&page=1&access_token=c32313df0d0ef512ca64d5b336a0d7c6)

(replace ids with the appropriate product ids separated by a comma)

Here are a couple simple libraries that you can use to fetch the data (these are optional, you can pick one or use any other alternative).

Android:

<http://square.github.io/retrofit/>

<http://square.github.io/okhttp/>

iOS:

<https://github.com/Alamofire/Alamofire/> or just use URLSession

Extra

Feeling adventurous? In the **Collection Details page** add the collection details in a card at the top that contains the image, title and body\_html of the selected collection. See if you can make the details card height flexible to display the whole description.

What you need to submit:

1. A screenshot of your app showing the **Custom Collections list page**
2. A screenshot of your app showing the **Collection Details page** after clicking on “Aerodynamic” from the Custom Collections list page
3. Your project code (A link to your hosted version where it can be tested).

**Please include a Zip file with your screenshots and submit a link for your working code in the “Mobile Challenge Submission” section of the application.**