

There is an [http://139.59.244.121/my\\_items](http://139.59.244.121/my_items)

Which returns a JSON array of eyewear objects and it has attributes such as id, name, price etc

```
[
  {
    "id": 1,
    "category": "spectacles",
    "name": "VC Model V",
    "price": 188,
    "url": "https://cdn.shopify.com/s/files/1/0135/4144/1595/products/john-jacobs-jj-el3153-cl-eyeglasses_g_2923_1_e1e42a23-437e-4466-b066-62v=1614921204"
  },
  {
    "id": 2,
    "category": "spectacles",
    "name": "JJ Specs 2",
    "price": 200,
    "url": "https://cdn.shopify.com/s/files/1/0135/4144/1595/products/jj-el3613af-cl-full11-rim-eyeglass_g_2365_765x.jpg?v=1608625348"
  },
  {
    "id": 3,
    "category": "spectacles",
    "name": "LK Cool",
    "price": 120,
    "url": "https://cdn.shopify.com/s/files/1/0135/4144/1595/products/vincent-chase-vc-el3040-cl-eyeglasses_1_51734bd6-b25d-48c4-896d-69af687"
  },
  {
    "id": 4,
    "category": "spectacles",
    "name": "VC Aviator",
    "price": 80,
    "url": "https://cdn.shopify.com/s/files/1/0135/4144/1595/products/john-jacobs-jj-el3153-cl-eyeglasses_g_2923_1_e1e42a23-437e-4466-b066-62"
  }
]
```

Create an app which comprises of the following screens

1 - **Category selection screen** which goes to

2 - **Product selection screen** which goes to

3 - **Product detail screen** which shows the product detail and a carousel of other products

## Category Selection Screen

### Categories

- 1 - Spectacles
- 2 - Sunglasses

Static text header

This list of categories is to be dynamically generated from the results of the API call.

Selecting either 'Spectacles' or 'Sunglasses' will bring you to the next page.

Back to previous  
screen

## Product Selection Screen

**< Back**

**Sunglasses**

To be take from  
the API

- 1 - JJ Awesome - Price \$90
- 2 - V Naise - Price \$128
- 3 - JJ Hip - \$256

This list of eyewear is to  
be dynamically  
generated from the  
results of the API call.

Selecting any of these  
entries will bring you to  
the Product Detail  
Screen on the next  
page

Back to previous screen

## Product Detail Screen

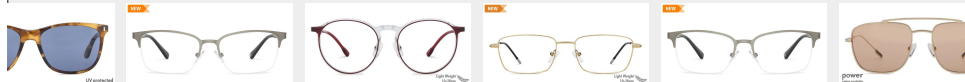
To be taken from the API

< Back

V Naise



Price : \$128  
Category : Sunglass



This is a carousel of other eyewear that are not in this product detail page. So it includes sunglasses and spectacles.

You can swipe left/right to cycle through and click/tap to go to that particular eyewear product detail screen

If current product id is 6, then the carousel will show the products in order of id 7, 1, 2, 3, 4 and 5. So that means the Ids will start from the beginning once it reaches the end

This will show the product detail

1 - You can use any 3rd party library or package for this test. In fact, you are encouraged to use them so as to save you time in writing boilerplate code

2 - You can use 3rd party library even for the carousel instead of coding it from scratch (which is highly discouraged)

3 - How the UI looks is not important, so if the layout or fonts is ugly. Don't worry about it

4 - This is to test your knowledge of algorithms, programing thought process and coding ability.

5 - Writings test is strongly recommended

6 - Email me at [gibson.tang@lenskart.sg](mailto:gibson.tang@lenskart.sg) if you have any questions