UPayments React Native Case Study

While developing this application you don't have to follow the exact same design but we are expecting something similar to this.

Also developing this application with TypeScript is going to be a plus as well as writing Test cases. You are free to use any third party libraries that you would like to.

Please create a public GitHub repository that is called "{yourName}-reactnative" and send us your project's repository link.

To access the api, you need to register to our application from the following link:
  A. https://upayments-studycase-api.herokuapp.com/
  B. **Make sure you entered your valid email address and github link in the registration**
  C. After registration, you will receive a "Bearer" token, you have to use this token for every request you will make

Expected functionalities are as follows:
  1. Get the products and categories from the API and list on the Home Page
  2. When a product is clicked, navigate to Detail Page with that product's information
  3. With help of a button, go to Create Screen and create a product from there
       a. Product object must contain these fields while sending a post request:
            i.   Name (string)
            ii.   Price (number)
            iii. Category (string)
            iv.   Description (string)
            v.   Avatar (string)
            vi.   DeveloperEmail (string, **enter the email you entered while registering the app**)
  4. When a product is created navigate back to the Home Page and show updated data
  5. Filter the listed items according to their Categories

There are 2 main tables (data sources) for this application which are Categories and Products tables. There is no relation between these 2 tables.
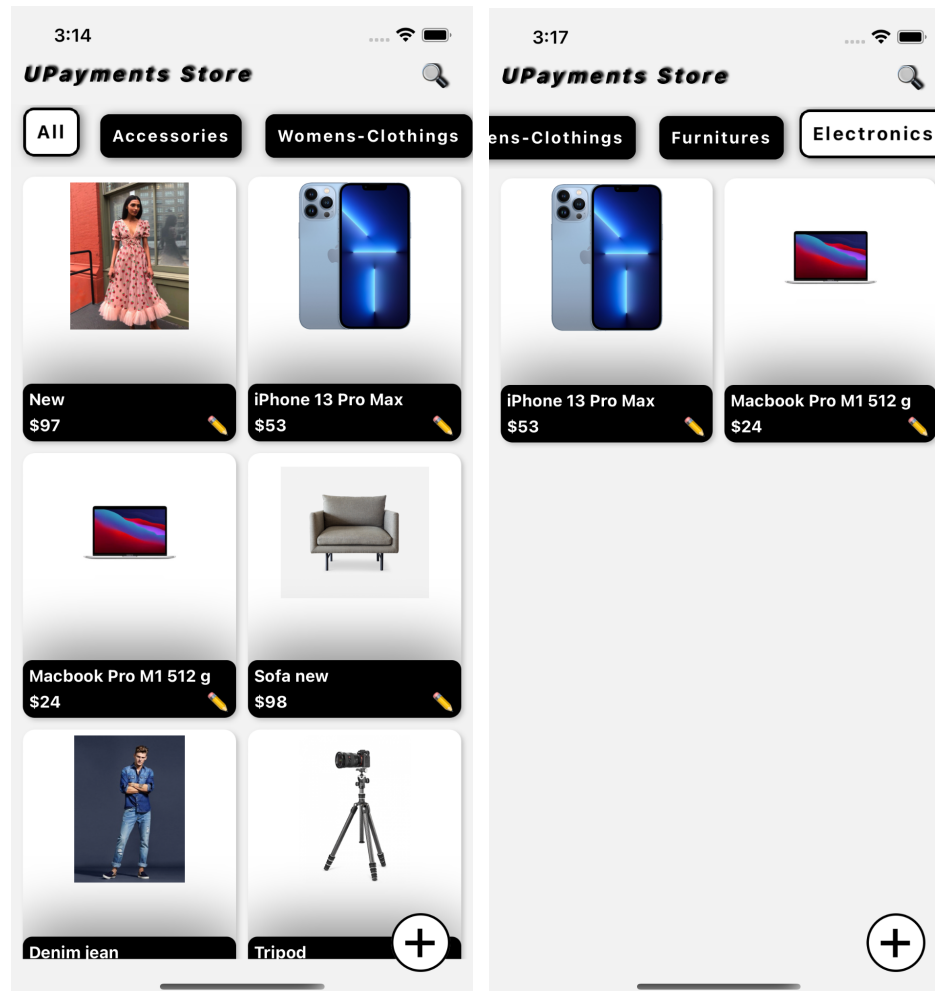
The API endpoints for this application is as follows:
  1. Products
       a. GET: https://upayments-studycase-api.herokuapp.com/api/products
       b. GET: https://upayments-studycase-api.herokuapp.com/api/products/{id}
       c. POST: https://upayments-studycase-api.herokuapp.com/api/products
  2. Categories
       a. GET: https://upayments-studycase-api.herokuapp.com/api/categories/

There are going to be 3 screens:
1. Home Screen:

2. Detail Screen:

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Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

a.

3. Create Screen:

a.