Compado Frontend Exercise

Overview

Comapdo runs an internet site for product search and price comparison. It helps users to find the best deals for a particular item, by searching through different product feeds from various providers (e.g. ebay, amazon, etc.). Managing an almost infinite number of products has a lot of challenges, in this exercise we will focus only on the frontend side and create a small service, which connects the ebay product feed and provides an interface to get product data.

Exercise

Create a small javascript application that:

Connects to the ebay product API.

Gets a list of products for a given keyword (or keywords) and allows the user to set a price range to filter products.

Displays the results in a list.

Make the list and search form as user friendly as possible.

Provide styling using a CSS preprocessor. (SASS)

Feel free to use existing third party components such as ReactTable or VueTable
Choose an existing design upon which to base your application's design, and explain why you choose this design

Bonus questions

• sometimes requesting data for the keyword takes a long time (> 5 seconds), what can be done to make it faster? What are downsides of your solution?
- we'd like to add as many product feeds as possible, how would you structure a service with this requirement?

Please make suggestions.

Publish this web-app somewhere and send us a link to test. Give us access to the source code. Feel free to use additional libraries, if this helps you, just name them and explain why you choose them.

!! If you encounter issues or questions, which prevent you from moving forward with this exercise, don't hesitate to contact us. We want you to succeed and are happy to help or clarify !!

Ebay Product Feed

Please use the ebay Finding API to retrieve the date. The user guide can be found here: http://developer.ebay.com/Devzone/finding/Concepts/FindingAPIGuide.html

As end users are very visual, make sure we get the best possible picture size.

Credentials

AppID for ebay sandbox is WandoInt-217b-42d8-a699-e79808dd505e

Endpoint is http://svcs.sandbox.ebay.com/services/search/FindingService/v1

Hint: https://svcs.sandbox.ebay.com/services/search/FindingService/v1?OPERATION-NAME=findItemsByKeywords&SERVICE-VERSION=1.0.0&SECURITY-APPNAME=WandoInt-217b-42d8-a699-e79808dd505e&keywords=mac&RESPONSE-DATA-FORMAT=JSON

Have fun! And don't forget: if you get stuck, just let us know, we'll help.