

Punk API

Overview

Your task is to build a website using React based on the specifications outline below. This will be based on the Punk API which contains all the data you will need for the task (there is also a link to a data file which we recommend you use before diving straight into using the API). Please refer to Earworm as well as the sandbox apps we built together during the module!

You will have to use all of the skills you have gained over the course of the module to complete this challenge. Take things slowly and follow Reacts recommendation for building an application as outlined at this [link](#).

Requirements

- Built entirely in React
- Use the Punk API (after using the data file first) (<https://punkapi.com/>)
- Unit test where possible (If covered)
- Repository on GitHub

Plan

Start - All the wireframe content in black is the first part of the challenge - that is, the sidenav, the main section containing the beers and beer cards for each piece of data. The component tree is below to help you get started.

Extension 1 - Once you've got the design and layout sorted to render the elements, it's time to add some search functionality. Make it so you can search the beers by their name, and the page content should update as you type each letter in the box.

Extension 2 - Finally attempt to make it so you can filter the content on three conditions:

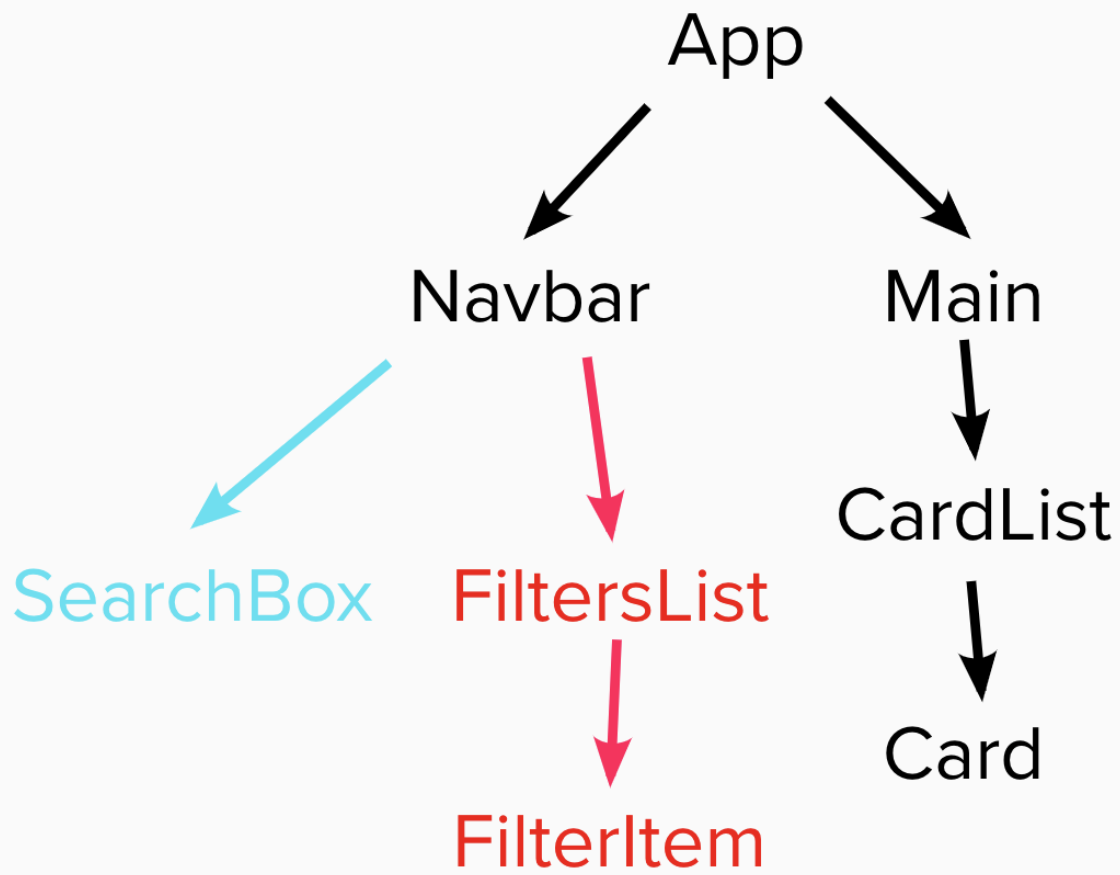
- High Alcohol (ABV value greater than 6%)
- Classic Range (Was first brewed before 2010)
- High Acidity (pH lower than 4)

If you can't achieve this after a good attempt, then feel free to move on to the final extension.

Extension 3 - Style the website however you see fit! Go wild!

Reference Image (Spec)

<div data-bbox="235 489 440 537">Search...</div> <div data-bbox="235 636 440 762"><div data-bbox="235 636 440 667">High ABV (> 6.0%) <input type="checkbox"/></div><div data-bbox="235 680 440 711">Classic Range <input type="checkbox"/></div><div data-bbox="235 724 440 756">Acidic (ph < 4) <input type="checkbox"/></div></div>	 <div data-bbox="483 653 714 701">Best Beer</div> <div data-bbox="492 709 706 800">Here is all the most important info about beer.</div>	 <div data-bbox="808 653 1039 701">Best Beer</div> <div data-bbox="816 709 1031 800">Here is all the most important info about beer.</div>	 <div data-bbox="1141 653 1372 701">Best Beer</div> <div data-bbox="1149 709 1364 800">Here is all the most important info about beer.</div>
	 <div data-bbox="483 1031 714 1079">Best Beer</div> <div data-bbox="492 1087 706 1178">Here is all the most important info about beer.</div>	 <div data-bbox="808 1031 1039 1079">Best Beer</div> <div data-bbox="816 1087 1031 1178">Here is all the most important info about beer.</div>	 <div data-bbox="1141 1031 1372 1079">Best Beer</div> <div data-bbox="1149 1087 1364 1178">Here is all the most important info about beer.</div>



Data ([Link to data on GitHub](#))

Good Luck!