Front End Developer exercise

For this exercise, you have to create the front end for a simple website called 'Drink Finder' to find different kinds of cocktails.

Website requirements

All the information regarding the cocktails themselves can be pulled from the following api (only the free features are needed for this exercise):
https://www.thecocktaildb.com/api.php
It has to be implemented with React.js
The application must allow to search by name
The application must allow to filter by:
- Ingredient
- Alcoholic/Not alcoholic

You can add other filters for bonus points (displayed in orange in the layout)
Display a list of the matching cocktails, showing the cocktail thumbnail, the name and the drink info (alcoholic/not alcoholic, category and glass type).
Upon clicking on the cocktail name, display a modal with the cocktail name, picture, ingredients table and preparation instructions.
The code needs to be loaded in github including a readme.md file with clear instructions on how to run it.
The design itself is up to you, we provide a rough layout as a reference.
The code must be in english (this includes Readme files, comments, variable names, etc.)

We will evaluate

- Clear, correct and organized code (CSS structure, good function names, not repeating code, etc.)
- Comments when needed
- API data validation
- Usability

Bonus points

- Good looking design, adherence to the color palette provided
- Cross filtering
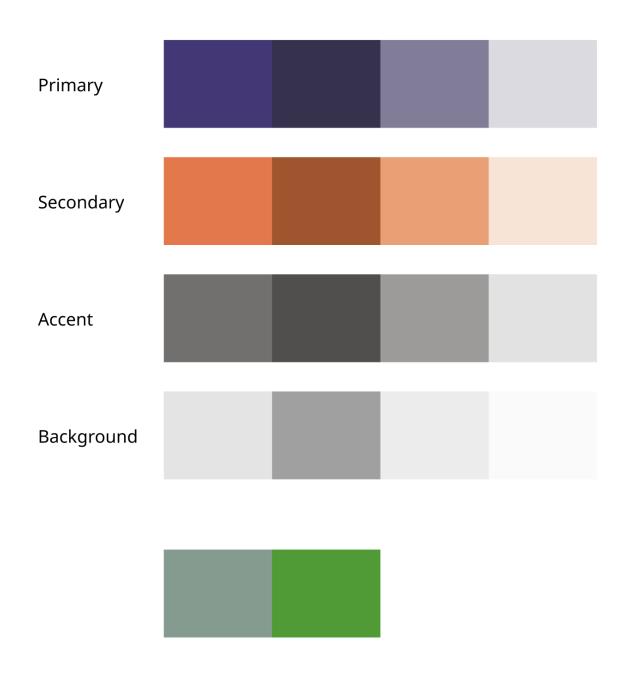- Allow additional filtering (Glass Type and Category)

Main Layout

Drink Finder				
Alcoholic ☐	**Name:**			
Ingredient ▾	Drink thumbnail	Drink Name		
Orange Gin Lemon Coke Vodka		Drink info (Alcoholic, Ingredients, Category, Glass)		
Category ▾	Drink thumbnail	Drink Name		
Ordinary Drink Shot Coffee / Tea Liquor Cocoa		Drink info (Alcoholic, Ingredients, Category, Glass)		
Glass ▾	Drink thumbnail	Drink Name		
		Drink info (Alcoholic, Ingredients, Category, Glass)		
Highball Glass Whiskey Glass Shot Glass Brandy Snifter White Wine Glass	Drink thumbnail	Drink Name		
		Drink info (Alcoholic, Ingredients, Category, Glass)		
	Drink thumbnail	Drink Name		
		Drink info (Alcoholic, Ingredients, Category, Glass)		

Modal Layout

Drink Name	X
Drink image	
Ingredients table	
Ingredients instructions	

Color Palette

You should use the following color palette as a reference in your design.

Primary			
Secondary			
Accent			
Background			

FAQ

What should I show at first load (when there are no filters selected)?

You can choose to show either all available drinks or no drinks at all. It is up to you.

What happens if a user selects two filters at the same time?

The API itself does not allow you to filter by multiple things, so it is OK if you clear all other filters when selecting a new one (for example if I select 'Coffee' as ingredient and then select 'Alcoholic', the 'Coffee' selection will be cleared). We will give bonus points for implementing cross filtering though (allowing more than one filter to be active at the same time).

Can a user select multiple values for the same filter (for example 'Coffee' and 'Milk' as ingredients)?

No, we will keep it simple and allow only one value per filter.

What should I do when in doubt?

If you are unsure about implementing something one way or another, or if you think you have a better way of structuring the website than the provided in the layout, choose whatever feels best for you and add a comment in the code or in the readme.md file justifying your choice.

What should I do if I find technical difficulties or have any other doubts?

If github or the API are not working, or you have other questions, you can contact the Development Project Manager at psivecas@spendmatters.com,
Lead Data Analyst at rcortes@spendmatters.com

Are there any gotchas, tricks or traps hidden in this exercise?

Except for cross filtering (which is optional) we did not add any hidden complexity or 'traps' in this exercise. What is described is what is needed.

Can I use external libraries?

Yes, as long as you include them in the project so we can run the code without issues, you can use any libraries you want.

Do I have to use a certain version of JS or React?

No, as long as we can run the application by following the Readme.md instructions it is fine.