Overview

Our latest client who is a beer brewer, requested a simple ReactJS web application to showcase their vast beer selection.
Users should be able to view the beers in cards and see the beer information in a modal that opens when clicking on a card.
Users should be able to do a few basic operations on the client:
- Mark their favorite beers and view them on a different page.
- Filter beers by food pairing using a free text field.

Assignment Goals

- Client Only (React)
- Correct handling of data flows and routing
- Correct handling of API calls
- Proper State Management usage
- Code readability, logical project structure and proper reusability of components and code when possible
- Handling of edge/special cases properly

Assignment Submission

- Upload the code to a public git repository and submit the link to us
- The application should run after running npm install && npm start

Assignment API

The web API that will be used for this project is PunkAPI - https://punkapi.com/
This is a free API that does not require any registration and allows for quite a large number of requests.
We do recommend that you sample the API and make a mock .json data file for the development process. Use the API v2 documentation: https://punkapi.com/documentation/v2

Assignment Requirements

- Navigation component - either sidebar or topbar with the following routes:
  - Browse Beers - this is the initial route
  - Favorite Beers
- Browse Beers screen - a view that displays the food pairing filter and beer cards in a grid layout (6 to 12 cards per page, you decide) with pagination

- ○ Search by food pairing input + submit search button - free text input that sends a request to find beers by food pairing. (Explore the API to see how to do it)
  - ○ Beer card component - displays the beer image and its name with toggle as favorite button
  - ○ Beer modal component - opens when clicking a beer card and displays more information (doesn't need to be all that's available, around 3-5 attributes is enough)
- ● Favorite Beers screen - a view that displays the favorite beers cards that the user has selected in a grid layout.
  - ○ There should be a "Remove All" button that upon click, asks for confirmation and removes all selected favorite beers if confirmed
  - ○ The user can interact with the beer cards in almost the same way as in the main page (remove from favorites, open modal on card clicks)
  - ○ In this view there should also be a Rank dropdown menu (values of 1 to 5) that can be used by the user to give rank for the beer
- ● Routing is mandatory
- ● State management is mandatory (Redux)
- ● Feel free to use any open-source libraries you like.
- ● Choosing how to style the application is completely up to you with a library styling of your choice (e.g. SASS, LESS, Styled Components...)

Good Luck