ATOMATION

Candidate Test 2022

Write a simple brewery application, using angular (from ver 7 and above) and [brewery api](#)

Brewery App Specifications

1. The application should consists of the following:
   a. Login
   b. Main
      i. Top navigation bar
         1. Logo image
         2. Home
         3. Wishlist
         4. Logout
      ii. Main view
         1. Greeting text - part of the main view
         2. Screens - changing according to the selection made on the top navigation bar
            a. Search Brewery view (Home)
            b. Brewery wishlist view (Wishlist)

General guidance

- Write clean and clear code
- Take performance into consideration
- Use Angular CLI to create and run the project
- Use [RxJs](#) when needed
- Try not to spam the given API as it is public, you can experience some throttling when "bombarding" those endpoints.
- **Focus on functionality rather than how it looks!**
- Use whatever design you like, there are no specification on how things should look, besides the ones that will be specified below
- Use typescript!
- Use css framework! (You can use whatever css framework you like, be it tailwind/chakra UI/ material ui etc...)
- On any question you have, don't hesitate to contact me (Eli).
- have fun creating this app!

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Top navigation bar

Specifications

- Top navigation bar should be visible as long as you are "authenticated" and on the Main View
- Logo image, put any image you want, it should be located on the far left corner
- Home & Wishlist, should lead to the corresponding views
- Logout, should lead to the login view and should be on the far right corner

Login Screen

Specifications

- Does not have a top navigation bar
- **No need to implement real authentication!**
  - Consider this as a simple as user details stored = authenticated / user details not stored = not authenticated
  - Any email and password that will be written (by the constraints below of course) should authenticate the user.
- Displayed if user is not authenticated
- All fields are required (user details)
  - Name input
    - should be at least 2 characters and include only letters, hyphens and apostrophe
  - Email input
    - Use standard email validation for email field
  - Password input
    - must be at least 6 characters and include only letters and numbers
- Fields should be validated on key press
- Login button should be disabled until all fields are validated
- Login should save filled data for consecutive visits

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Main View

Specifications

- Available only for authenticated users (redirect to login if not)
- Greeting should include the user's name as entered on login form

Search Brewery view

Specifications

- Display initial breweries before the user searches
- Search input minimum 2 chars for initiating request.
- Wait until the user finishes typing the whole search term before firing a request.
- Display 20 result at a time + infinite scroll
- Each brewery item should be in box with the following info:
  - Name
  - Street, city
  - Country
  - Image (the api does not provide images, you can put whatever image you like and it can be the same image for all breweries)
  - Like icon (heart / start)
    - If not liked, the icon should be empty - to indicate it is not liked
    - If liked, the icon should be with color - to indicate it is liked
  - More Info button should open a dialog

- When like icon is pressed, the brewery is considered in the wishlist
- Wishlist items should be updated at real time

Brewery wishlist view

Specifications

- Should display list of items added to wishlist
- Remove button should remove the item from user's wishlist

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More info dialog

Specifications

- Clicking the background should close the dialog
- Show the same info that was shown on the brewery small box
  - Like icon (heart / start) - This part is to remind you that this should be also part of the dialog functionality
    - If not liked, the icon should be empty - to indicate it is not liked
    - If liked, the icon should be with color - to indicate it is liked