TECHNICAL CHALLENGE.
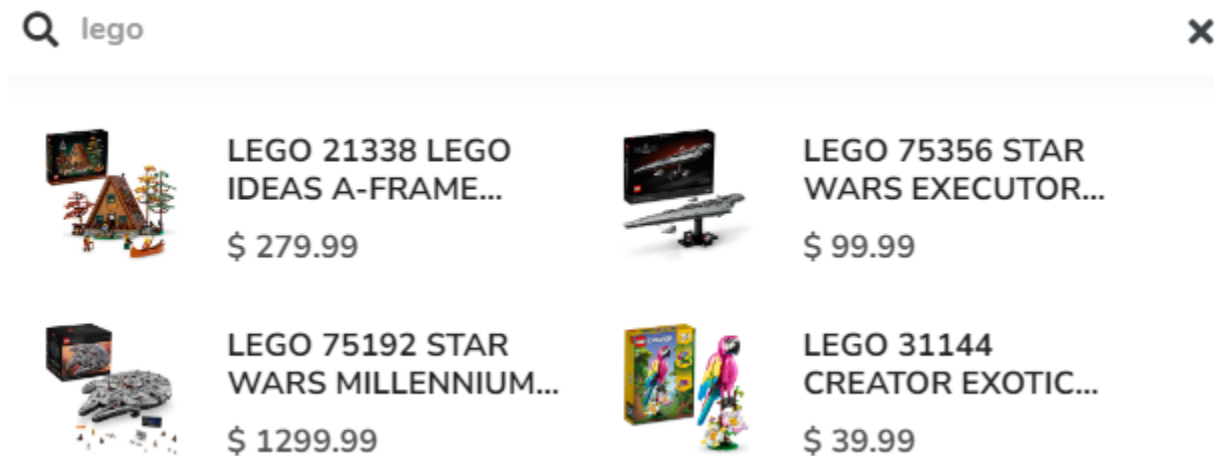
TASK 1

In React, create a search bar that interacts with:
https://dummyjson.com/products/search?q=[x]

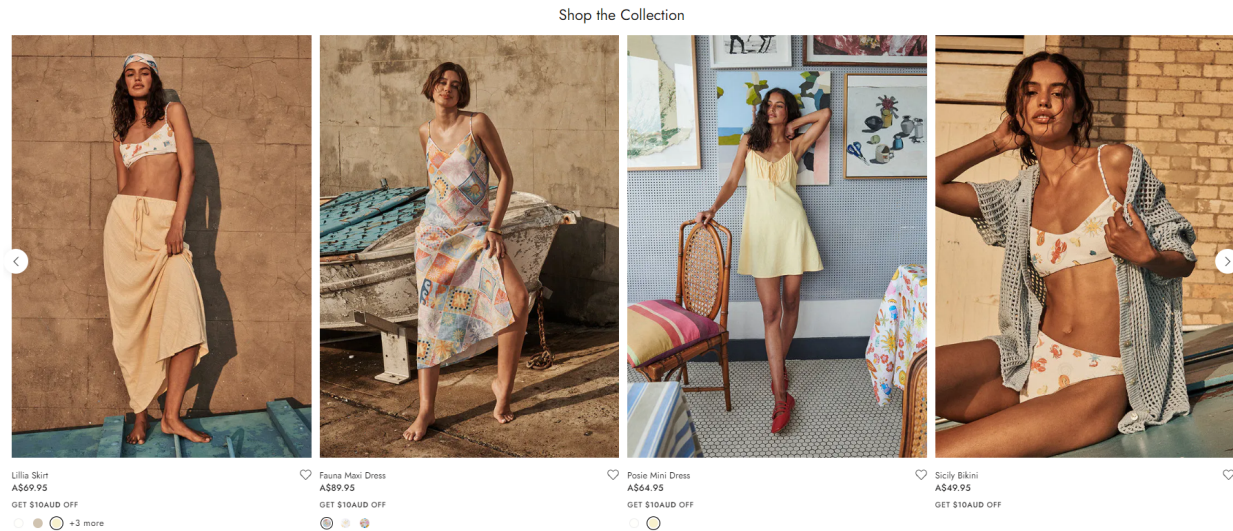The UI component should show results as a drop down (example below):

- The solution should use any appropriate React hooks.
- The solution should utilize debouncing for API interactions
- Include any automated tests deemed necessary

This is not a design task. Feel free to use basic tailwind to construct the UI.

The below screenshot is a carousel of products that is being provided to the frontend via a recommendation platforms API. Provide a list of test cases that you would expect your team to implement that would run during the build process of the NextJS application.

You are not expected to write these test cases, only list them and write a summary of what type of test and their pass requirements.

SUBMISSION

Please provide us a .zip file (or github repository) with your work.