

Ecommerce search

Problem statement

Create a React application with a list of products and implement search and filters on it.

Instructions

- You are **ALLOWED** to style the app any way you like.
 - **DO NOT** cheat with other students. If you are found cheating, you will be **REJECTED**.
 - Once you have finished with the test, make a video recording your computer screen (via phone or a software like OBS/screencastify etc) and give a walkthrough of your product (each and every functionality). The video can be **UPTO 5 mins** long. ***Please don't record videos longer than that. You will be REJECTED if there is no video.***
 - **Upload** code on github and host **both** your node app and your frontend app. If any one is not hosted, your submission will be **REJECTED**.
 - Once you have recorded the video, upload it on youtube (unlisted or whatever), drive or wherever you want to upload it and then fill out the form according to your batch:
 - Oct - <https://forms.gle/NikDf56AwhBZW9sW9>
 - Jan - <https://forms.gle/PBYQnjAuQJg81YY28>
 - Feb - <https://forms.gle/Sc8mHRHAFrv5iibQA>
- If you fill the wrong form, you will be **REJECTED**.

Features

1. Search Page

- a. Either create 30-40 dummy products or get these products from some fake API.
- b. Display 10 products at a time on the search page. For showing rest you can either implement pagination or infinite scroll (like Facebook, where you scroll and the next 10 products will load up). **DON'T USE ANY LIBRARY FOR THIS.**
- c. Create search, users should be able to search in all 30-40 products using the search bar at the top.
- d. Filters: user should be able to use the following filters to filter the products
 - i. Category (Mens, Womens, Kids)
 - ii. Price
 - iii. Brand
 - iv. Color

Remember users can apply multiple filters at a time and also users can apply filters only on searched products as well. Keep this case in mind.

FREE TIPS:

- For good UI and understanding checkout Flipkart/Amazon search results page.

Points on which the project will be judged

- UI - 30
- Features - 50
- README - 10
- Code quality - 10