

How to tackle React projects

Points to keep in mind when starting a project

- If you are struggling with CSS, responsiveness, and API calls, put those parts aside. First, work on functionalities with the help of fakeFetchs provided in practice sets.
- If struggling to get started, just start with 3 main pages and get them done. These pages are:
 - Product Listing Page
 - Product Details page
 - Cart Page
- Then add Routing to these pages. With this, you will get a sense of an e-commerce site. Then do the CSS part later.
- While coding for the first time, don't think about best practices, folder structure, git, and all.
- Refactoring can be done later and multiple times. We'll keep doing it.
- First, get the feature done.
- If struggling with useReducers, start with useStates. Then go to reducers or other hard parts later.
- Recruiters first see for the features, basic authentication, then reducers and API calls in your project.
- There will be 3 scenarios while building the project.
 - A. getting stuck and not doing anything
 - B. getting stuck, fixed it, and then submit
 - C. getting stuck, tried but was not able to fix and submit

C is far better than A
- Try to make things bug free.
- If stuck on something do other things first then come back later for this one.

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- Priority should be: Build feature > Backend > CSS > Responsiveness

Points related to CSS

- If struggling with CSS, don't get started with it first. Build features and then go for it.
- Focus on features rather than the UI part.
- You can copy the design from other sources.
- Refer to the provided design for building UI.

Note: DO NOT COPY CODE!

How to break a project into pieces

- Identify key pages, like home, listing page, cart, etc. Start building with them.
- Identify the most reusable components and build them.
- Avoid Yak shaving - trying to take too many decisions early. It will disturb your thinking flow. Make functionality first and then other things.
- When to make a new component?
 - To make it reusable in another part of the code.
 - If the file is getting bigger, a new component can be made to make it readable.