

If interviewer comes and says to you, build youtube, you should first do all the :-

1. REQUIREMENTS Clarification :- (it comes in high level design)

- A) FEATURES:- What features need to be built? (First here, you need to discuss with the interviewer as you can't build whole youtube app in 2 hours) (so you take a ref, goes to youtube.com:- there is a lot, shimmerui, on homepage:- searchbar, videos cards, sidebar (which is collapsing on clicking hamburger, going to video page etc (so need to ask to the interviewer whether to build search or not, comments section vghera vghera

- B) TECH STACK -(so when you are developing web app, you need to discuss what is the tech stack to choose,

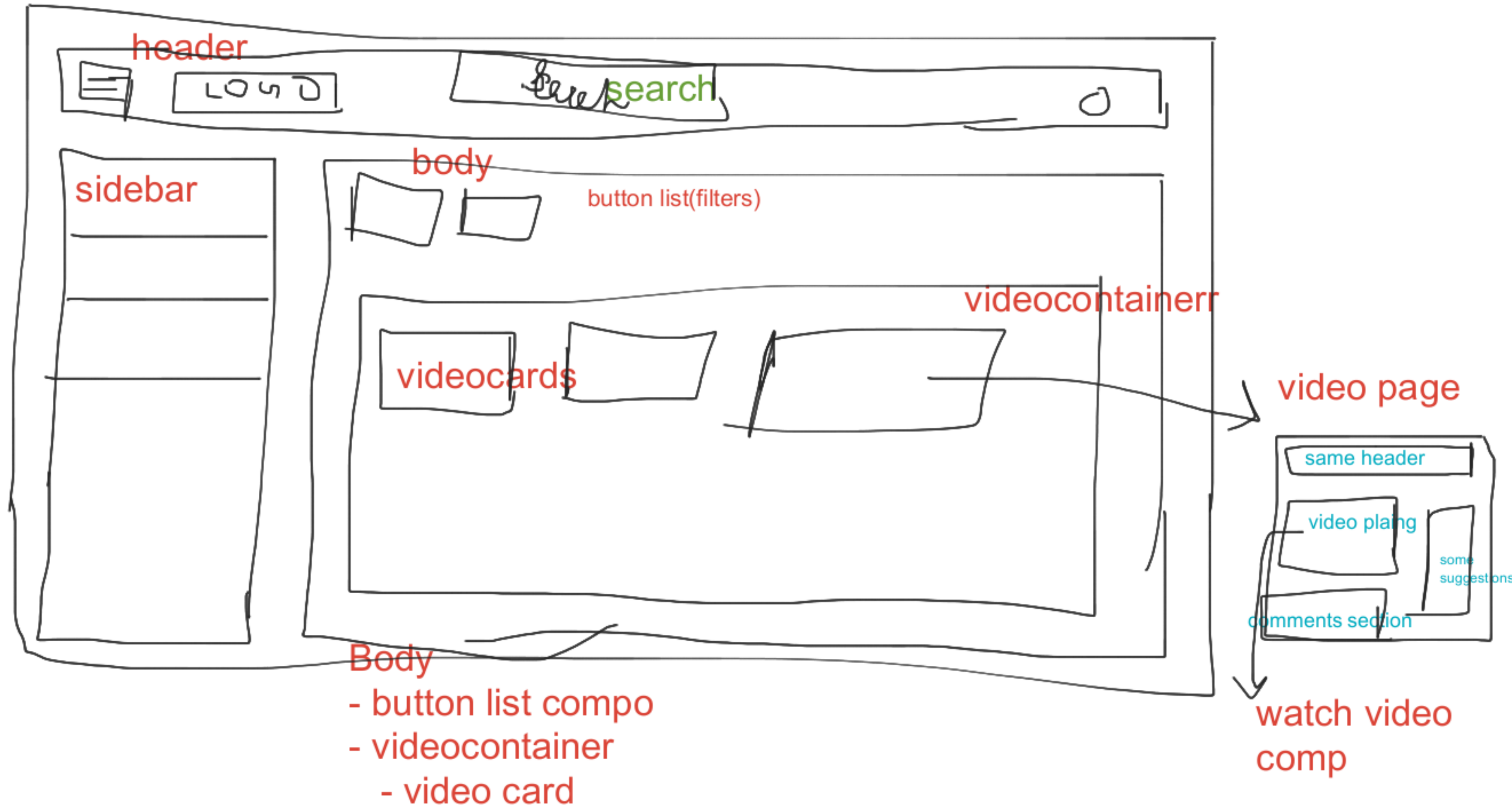
- so you'll tell interviewer, that you'll use Tailwind to style the app
- whether you'll use typescript or js
- whether you are to use Redux or context api or sth else

(so there are two layers :- UI layer and DATA layer (so you need to discuss, for UI layer you'll use Tailwindcss for my entire app, and for data/state mgmt : you'll use Redux)

(when building small app like todo, counter :- context api is ok, but when large app like youtube:- redux is needed

- Redux (for every tech stack need to give justification why to choose)
- tailwindcss (it's the fastest framework, it makes our react app very fast, we can develop our apps very fast
- Formik (for forms)
- react router dom (for routing)
- bundler (can discuss what bundler you are choosing, never discussed, but still)
- Testing framework :- Jest, RTL (DISCUSS EVERYTHING IN THIS 5MINS)

2. PLANNING :- (it comes in low level design) (next 5 mins)



Planning structure (it comes in low level design)

- How do u structure ur comp's (how ll u. use ur ui and data layer together)
 - why to discuss this planning with interviewer (coz u ll discuss ur approach)
 - say , we have header (its have hamburger, logo, search etc)
 - in search (it has links)
 - if click on hamburger it collapses
 - Main body here :- button list, vthen videos
 - and then if i click on a video :- takes me to a new page (/watch)
 - so in /watch page when we ll go there:- it ll have same header , video, some suggestion and comments section
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- then in planning , u can differentiate ur comp's :-
 - like u can say (this ll be my header comp
 - then sidebar
- (distribute into comp's)