

Day 1

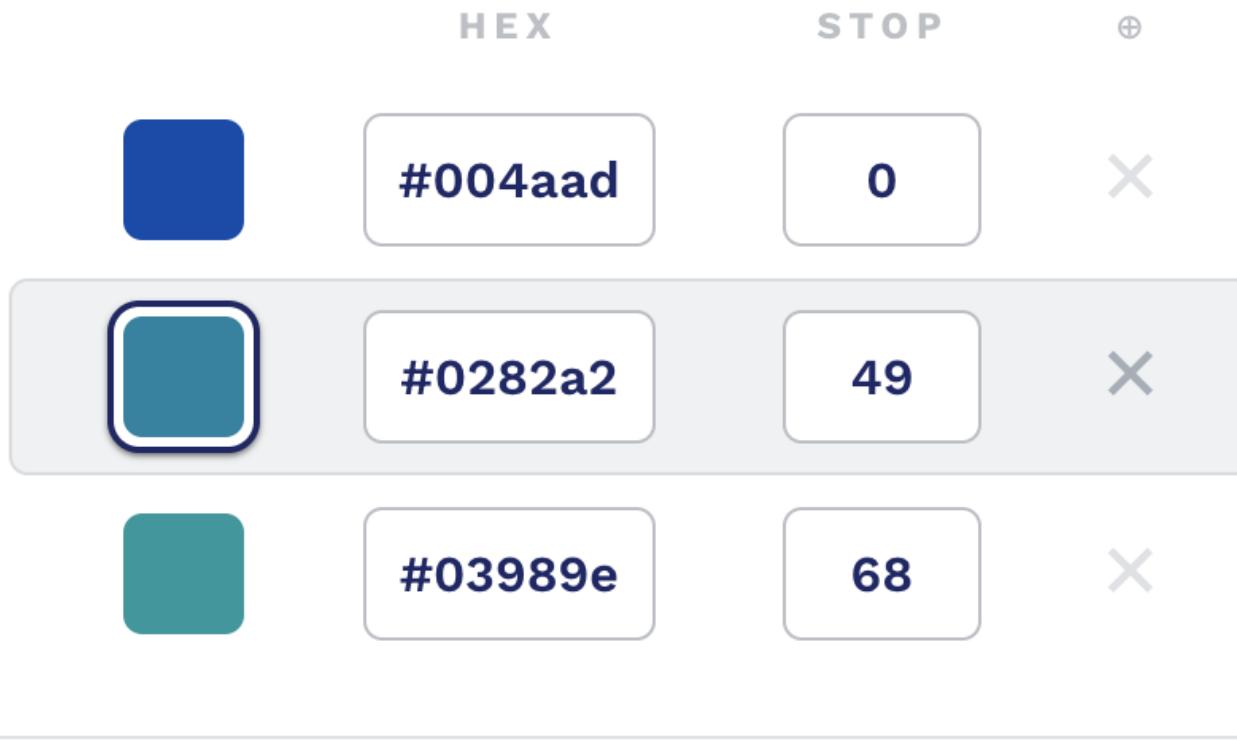
Stage 1 : Goals and planning.

1. Want to create a YT clone app ‘Vuew’
2. App should be able to run videos and search through all channels on YT.
3. Should have genre based sidebar.
4. Figuring out the dependencies
 - Want to try out material UI so that.
 - React Router Dom.
 - Axios for fetching.
 - That's it for now, will add more as I go,
5. Made a rapidAPI account.
6. Host and have it pipelined.

Stage 2: Start Coding, Pre API usage, skeleton work

- Made routes, components for feed (homepage) , navbar, video page, channel page, search page.
- The imports were getting messy so I made an index file exporting all components and imported all at once through that.
- Running into some import error: ‘*Warning: React.jsx: type is invalid -- expected a string (for built-in components) or a class/function (for composite components) but got: object. You likely forgot to export your component from the file it's defined in, or you might have mixed up default and named imports.*’
- Turns out I hadn't saved the exports in the components.
- Started work on the Navbar, designed a logo for the application.
- Making a diff component for the search bar.
- Might redesign the logo to change color.
- Made Searchbar, kept it static for now because no data to search through for now.
- Working on Feed Now
- Started sidebar, read up on material UI typography, looks good .
- Making list of themes, icons I need for the sidebar

- Imported all the icons and made the sidebar map through the array and have an on hover display.
- Will change the logo but updating the sidebar to new future colors.
- The idea is a gradient from #03989e to #004aad. The fusion color is #0282a2.



- Overflow-y is a problem for now, otherwise the sidebar is looking great.
- Styled the scrollbar to be invisible.
- Done with sidebar, back to feed.
- Started the videos component for the feed.
- Need to have videos to show videos, time to make some calls (API of course).
- Changed logo.(logo a bit low quality because canva free doesn't allow transparent bg and the remover takes away from the quality)

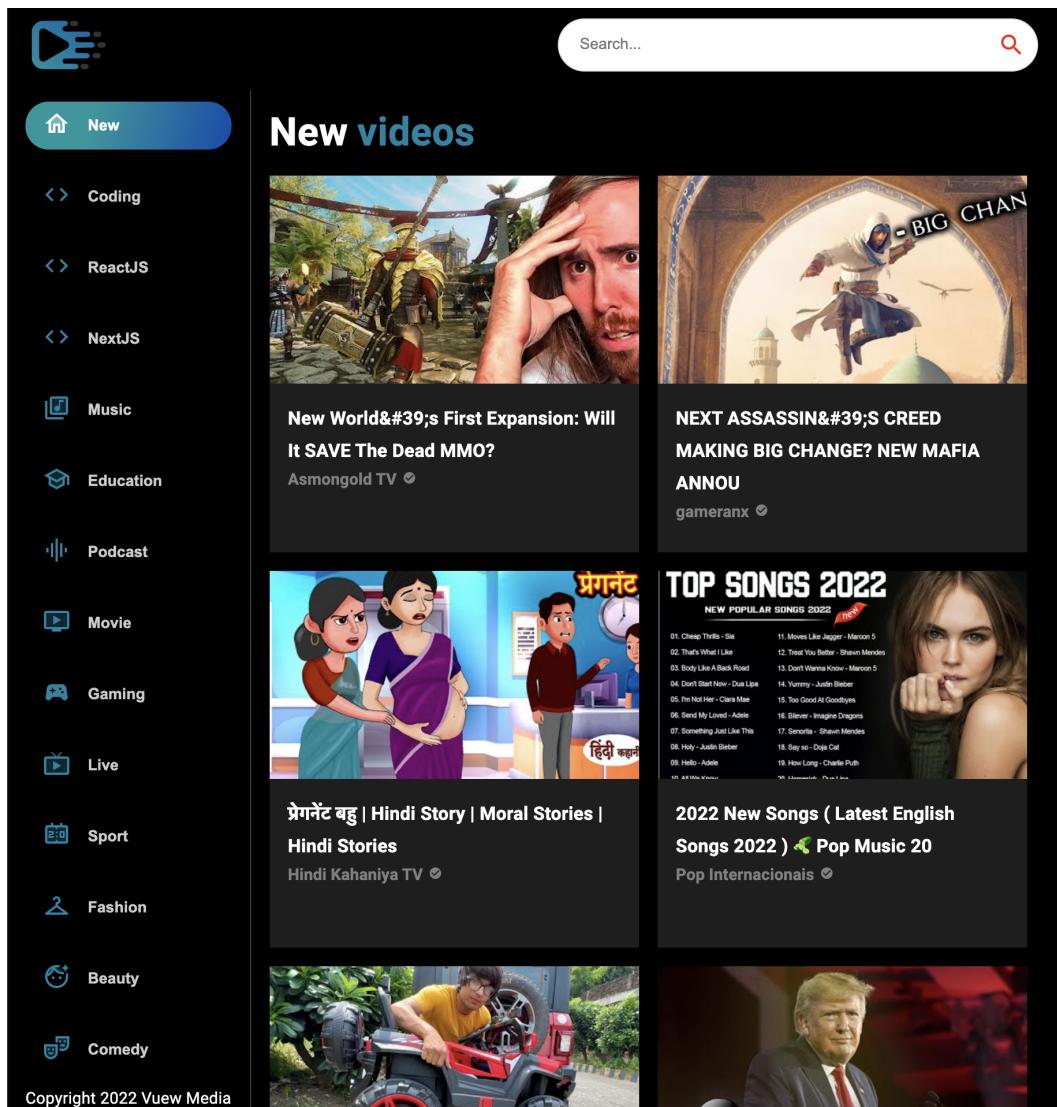


Day 2

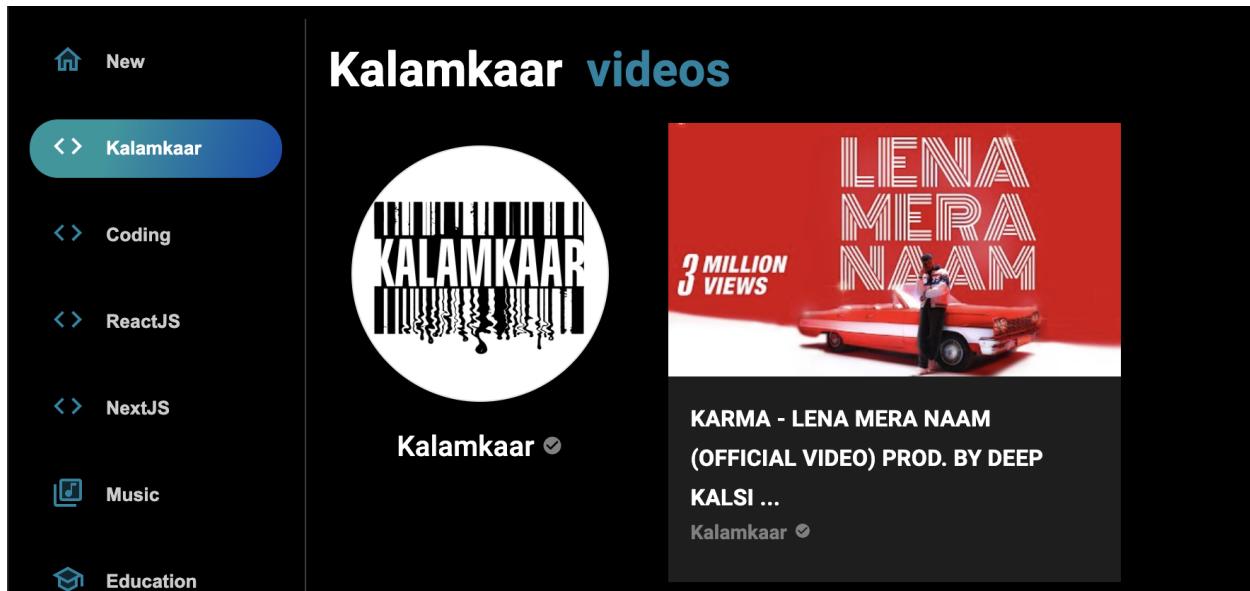
Stage 3: More coding, API Part

- Got the api key, am using the Youtube v3 API.
- Made a file to handle api fetching. Storing the key in the env file.
- In the feed, made the call to the api based on the selected category, used a base url for the call and added the selected category to it using useEffect hook.

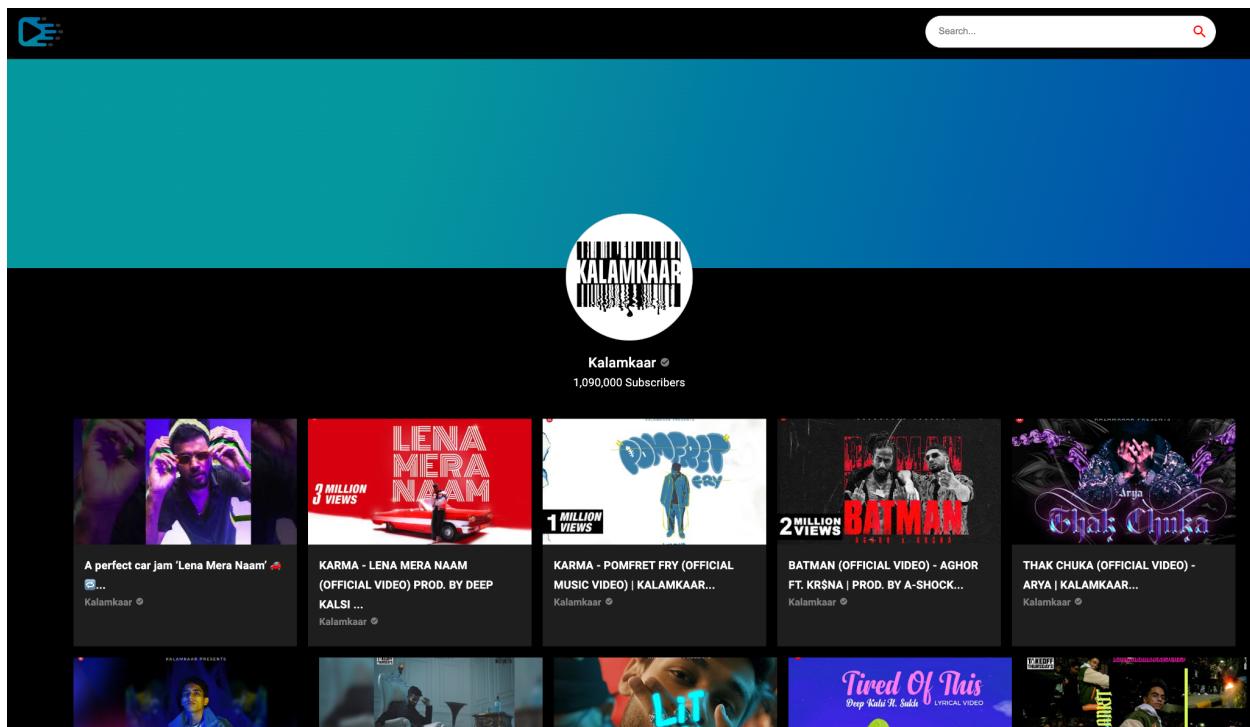
- Used useState hook to set selectedCategory.
- Api calls are working for each category.
- Sending the videos to the videos file through props.
- Will make video cards now. I can do them better than youtube
- Creating new components for video cards and channel cards cuz there is gonna be some serious self promotion happening.
- Using a MUI card, pretty neat.
- Rendered the card component, just an image of the videos for now with a link to the video but looks damn neat.
- Done with the Videocard component, looking really neat.



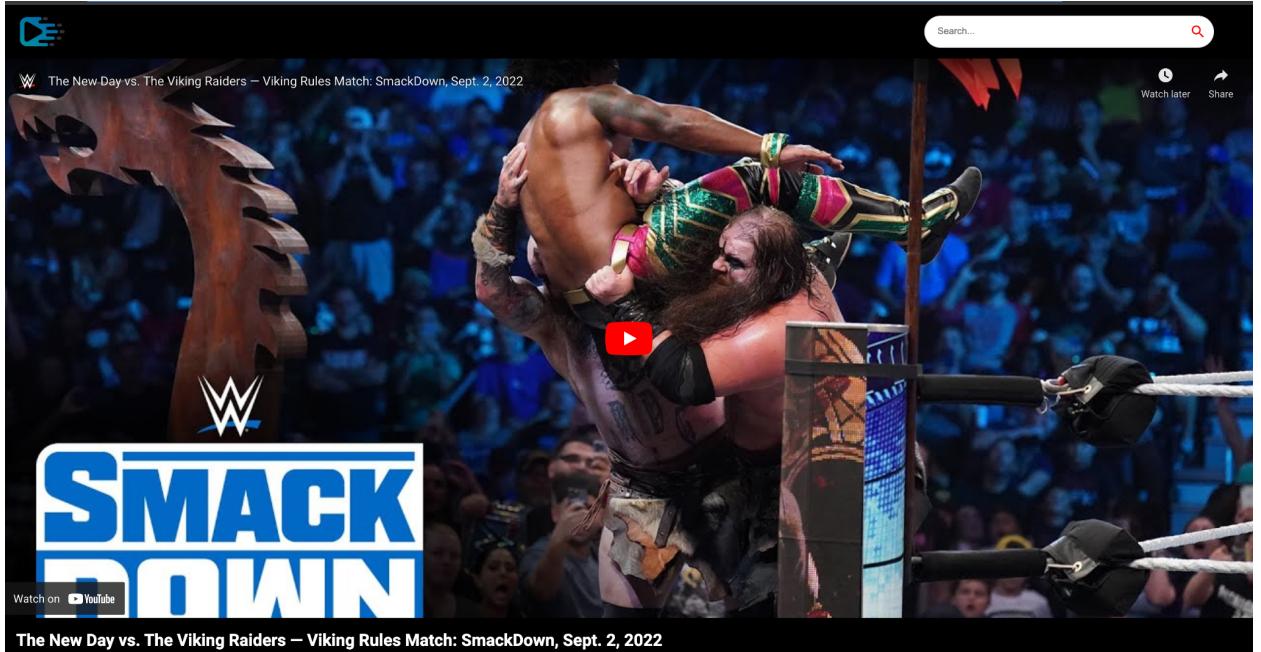
- Made the channel card a circle, can't get subs on the feed because the api only gets that in the channel detail call. Otherwise looking pretty great.



- Let's get started on the channel detail page
- Will use the videos and the channelcard as in the channel detail page.
- Made 2 api calls to get channel details and videos of that channel.
- Made a gradient for a banner photo.
- Below that the channel card comes in with subs, below which the videos come in.
- Rendered videos , took some hits and trial with margins but looks good now.



- Working on the search feed now, it has to take some input first.
- Made searchbar work and on submit navigate to the url with the search value
- The searchfeed will take searchterm from url and get the videos accordingly.
- Started working on the video detail page.
- Will use react player for playing the video.
- Got the video working, used the same logic to get the url and made an API call.
- Had a bug with the size of the player, and it turned out I typed className as ClassName.
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Day 3

Stage 4: Player Part and finishing up.

- Built a related videos sidebar but it's crashing the application for some reason.
- Turns out it was getting a null array and it couldn't map over null so it was crashing, the reason for that was a typo in the API call and I also put an if condition to render 'Loading...' if the calls take time.
- Made a loader for the same.
- Application looks pretty much done.

Stage 5: Hosting

- Will use netlify for deployment.
- The usual unused imports error came up, cleared them up.
- One issue of flex-start was coming up, resolved it but still netlify could not get the pipeline working.
- Hosted directly through the build folder.
- Fixed a spacing issue where the copyright line was coming up in large screens and was not needed.
- VOILA!! Vuew is live. Check it out [here](#).
- Got the flex-start issue fixed, it was in the index.css.
- CI/CD done.
- VOILA !