

**GitHub Link: - <https://github.com/uday-rm20/You-tube-Clone>**

## **Routes and HTTP methods to be used for Client/Server Side Operations:**

- To Sign up a user –  
POST - <http://localhost:5100/auth/signUp>
- To Login a user to get JWT token-  
POST - <http://localhost:5100/auth/login>
- To logout a user-  
POST - <http://localhost:5100/auth/logout>
- To add/post a video -  
POST - <http://localhost:5100/api/video>
- To get all videos in the database-  
GET - <http://localhost:5100/api/allvideo>
- To get a video by its Id –  
GET - <http://localhost:5100/api/getVideoById/:id>
- To go the channel of a particular user –  
GET - <http://localhost:5100/api/:userId/channel>
- To post/add a comment to a video–  
POST - <http://localhost:5100/commentApi/comment>
- To get a comment by videoId –  
GET - <http://localhost:5100/commentApi/comment/:videoId>
- To Delete a Comment-  
DELETE - <http://localhost:5100/commentApi/comment/:id>

- To edit/Update a comment –  
PUT - <http://localhost:5100/commentApi/comment/:id>

Note: id is the unique object ID given by Mongo DB.

### **Setup:**

- Build a Nodejs project for back-end
- Build a React project for front-end using vite
- Install the required packages –
- npm install to install node modules
- Express
- Mongoose
- React
- React-router-dom
- Jsonwebtoken
- Bcryptjs
- Cors
- Axios
- react-toastify
- Start the Front-end in an integrated terminal using command –  
npm run dev
- Start the Back end in another integrated terminal using command –  
npm start  
{because back end is using nodemon package for active listening to changes, note: include "start": "nodemon server.js" in package.json to use nodemon}
- If not using nodemon start back end by running command –  
node main\_server\_file.js  
{In my case its server.js i.e.=> node server.js}

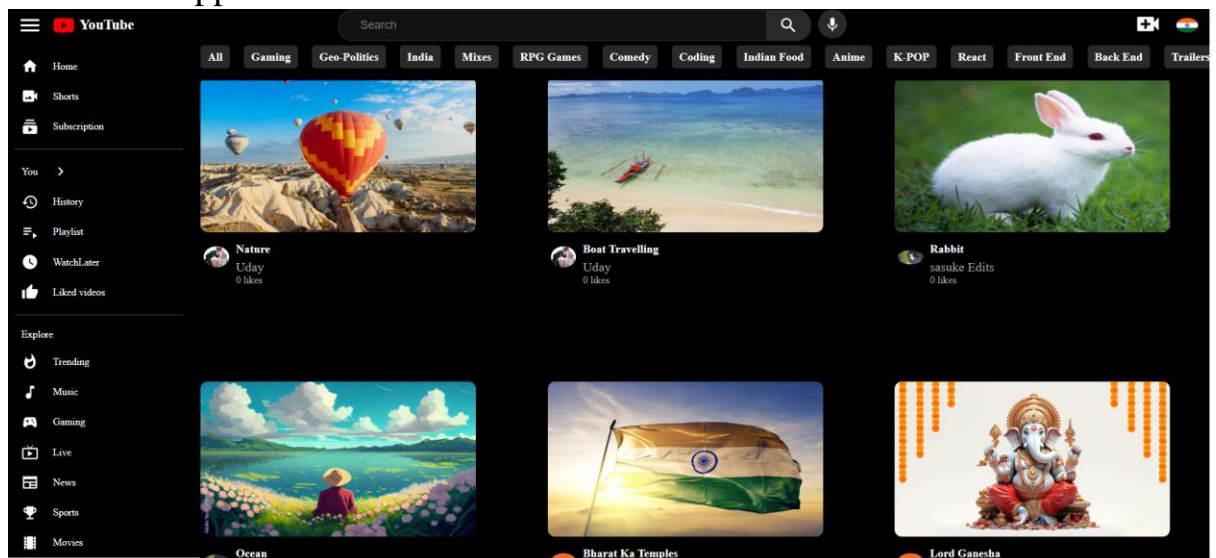
## Features and Usage:

- Homepage contains videos in the database in a grid format.
- Functional Search bar used to filter out videos using Titles.
- Signup feature – users can register in the app by providing the necessary details.
- Login feature – after registering user can login by using their credentials to use application and avail some user authorized features.
- Logout feature – user can logout of their account by clicking on logout.
- A dedicated video player page when clicking on a certain video it opens to a new page showcasing comment section and playing the selected video.
- Add video feature – an logged in user can upload a video and view their videos in their dedicated channel page.
- Edit and delete options for comment section – user can edit or delete their comments by choosing relevant options.

For Sample user experience:

- Use the below credentials in the log In form -
- Username – Bharat
- Password – 1903

## Results of Application:



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