

# Youtube Clone Application

Design a clone application of Youtube as a full-stack application.

## TASK DETAILS:

### 1. How do I implement it?

- Design a complete API backend model to have the necessary route endpoints for GET, POST, PUT, DELETE
- Design a complete authentication system of Login, Registration, Forgot password, Registered user verification.
- The forgot password should be done via email verification.
- If the user is authenticated then the application should allow to create a channel and also allows the user to paste the youtube video URL under the channel created.
- The creation of video must contain the following constraints: - title, tags, description, public or private visibility
- The application should contain a search option on the homepage based on title or description or channel.
- When the user views a video system should embed the youtube player with all the controls that it has.
- If the user isn't authenticated with the application, it should allow the user to watch the videos of any channel.
- The system should allow only authenticated users to give a like and comment for a video on any channel.
- The system should recommend a similar video when the user is viewing a video. The recommendation process should be based on the tags.
- The system should allow the user to get a complete report of the total number of views for each video and overall views for the channel.
- The channel owner should have the access to delete a comment of a video.
- Use Angular framework to create a user-friendly and responsive UI, as the original YouTube website. Add visual feedback whenever necessary

### 2. How do I submit my work?

#### Preferred:

- Push all your back-end work files to your Github(<https://github.com/>).
- Deploy your back-end application on Heroku.
- Deploy your frontend application on Netlify.
- Submit your Heroku, Netlify & GitHub URL.