Video Streaming Site for my College Fests

1. Introduction

 In our college, annual fests are organised, in a considerable number. Each fest has its own trailer, vlog, event shoots, aftermovie, etc. I would like to design a website for streaming videos of the fests held in my college – Indian Institute of Technology (Indian School of Mines) Dhanbad. This would help anyone who wants to view the videos of the fest events and enjoy them. Also, it would help to get reviews, only of all students and professors in the college. (this would not have been possible, that easy, on any social networking site, where everyone is free to comment and like the posts).

2. Expected list of features

- Mobile-friendly design, as everyone likes to operate websites on a mobile phones and tablets nowadays, as compared to laptops
- A sign in option for user to login using Gmail.
  (with an allowance of only using '@iitism.ac.in')
- There will be an option of searching a video (based on its title, fest and year)
- Linked icons of facebook, twitter, Gmail etc. for sharing the video
- Image links of pages of various videos, embed thorugh JWPlayer
- The list of links at the top bar should collapse into a = sign when viewed in a mobile phone
- There should be an option for like, comment, share active only when user has properly signed in.
- There should be an option for suggestions, so that user can submit a suggestion for any other video that could be included.
- The home page would display the list of videos, clubbed under the name of each event
- Also, the user can see the video, liked by him, separately. (after sign-in)

3. Market Survey

- In YouTube, mostly the above features were present. But there was a section called 'Trending', in which the videos having the largest number of likes were present. I am thinking to implement this feature, after the website is deployed once.
- The idea of displaying list of videos clubbed under their respective facts, comes from a similar trend on DailyMotion.
- Websites like Crackle and YouTube also have a feature of watch later.

- Also, many websites (including YouTube) also have a feature to get 'Notifications'.

4. References

- https://vimeo.com/
- https://www.youtube.com/
- www.metacafe.com
- https://www.dailymotion.com
- https://www.crackle.com/out-of-region.html