Letstream

By Team-8

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A Brief Introduction

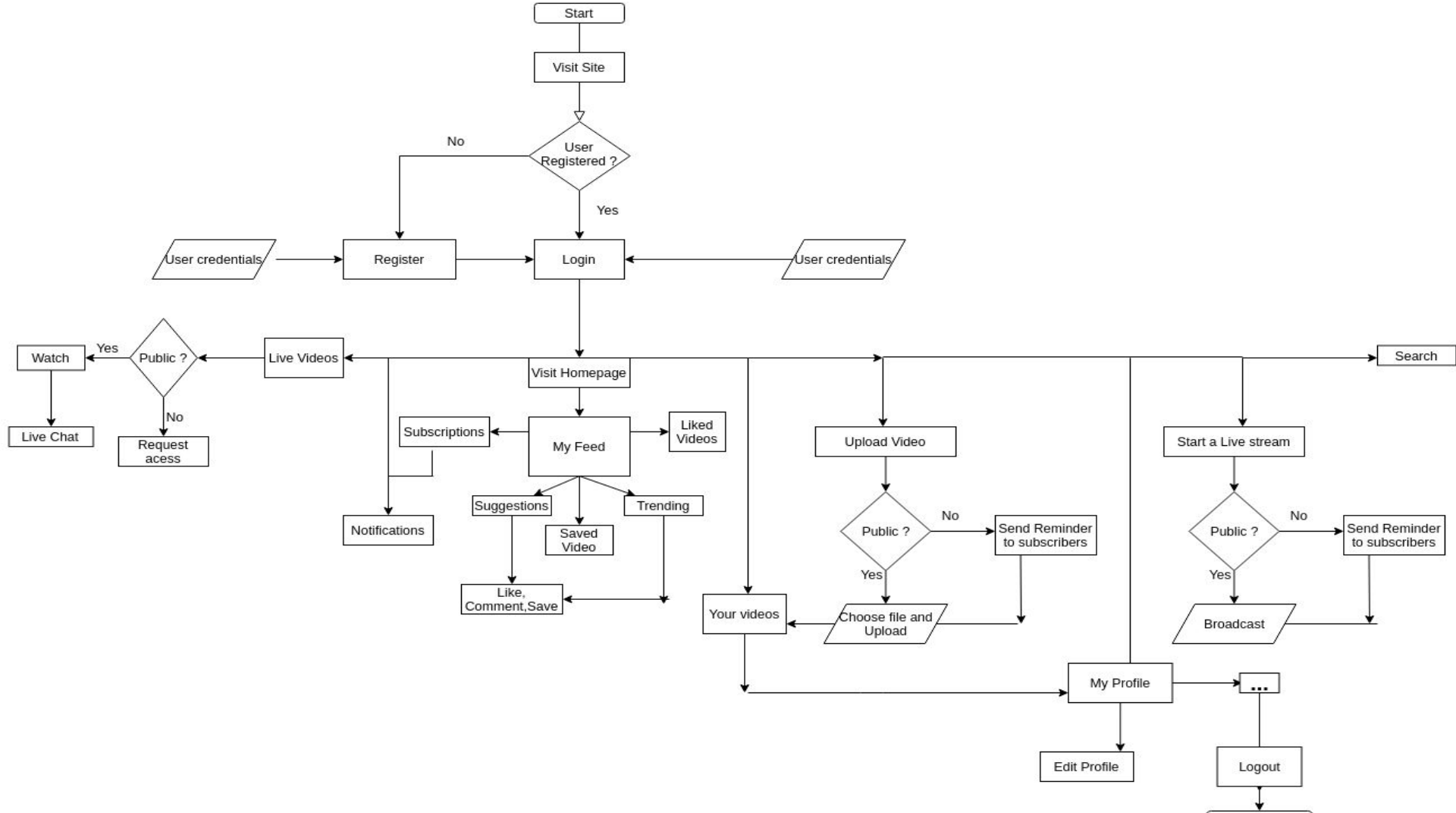
- LetStream is a web-based live-streaming platform built exclusively for IIT Roorkee junta.
- Platform for hosting wide range of activities, from live classes to broadcasting tournaments.
- Also includes the feature to upload pre-recorded videos, comment on them, broaden the outreach and much more.
- Data security ensured as we have made it exclusively for the use of the campus dwellers.

Key Features:

- Host a live event or upload a video of your choice.
- Three types of privacy options for all the videos :
    - Public,
    - Subscribers only
    - Custom.
- Notification on receiving a like or a comment on a video on wish.
- A separate section to show the current live events.
- Live chats supported during a live event.
- Screen share feature by the organiser during a broadcast.
- Comes in two themes, light and dark.

Technology Used:

- Deployment : Heroku App
- Webrtc : For live events
- Database : MongoDB
- Web based Interface : HTML & CSS
- Frontend : React
- Backend : Node and Express
- Cloud server : cloudinary.com


Start
Visit Site
User Registered ?
No
Yes
User credentials
Register
Login
User credentials
Watch
Yes
Public ?
Live Videos
Visit Homepage
Search
Live Chat
No
Request acess
Subscriptions
My Feed
Liked Videos
Notifications
Suggestions
Saved Video
Trending
Like, Comment,Save
Upload Video
Public ?
No
Send Reminder to subscribers
Yes
Choose file and Upload
Your videos
Start a Live stream
Public ?
No
Send Reminder to subscribers
Yes
Broadcast
My Profile
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SUBSCRIPTIONS

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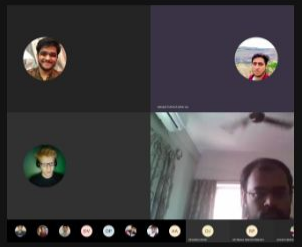
shubh02
himil24
abhishekanand7

Mobile upload | Testing

This is upload test from phone

kumarkhg4

1 views • 14 hours ago



our class lecture | ecnle...

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typical Romantic video ...

This is for testing post-editing fe...

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general | .style

just to check

shubh02

The Home Page

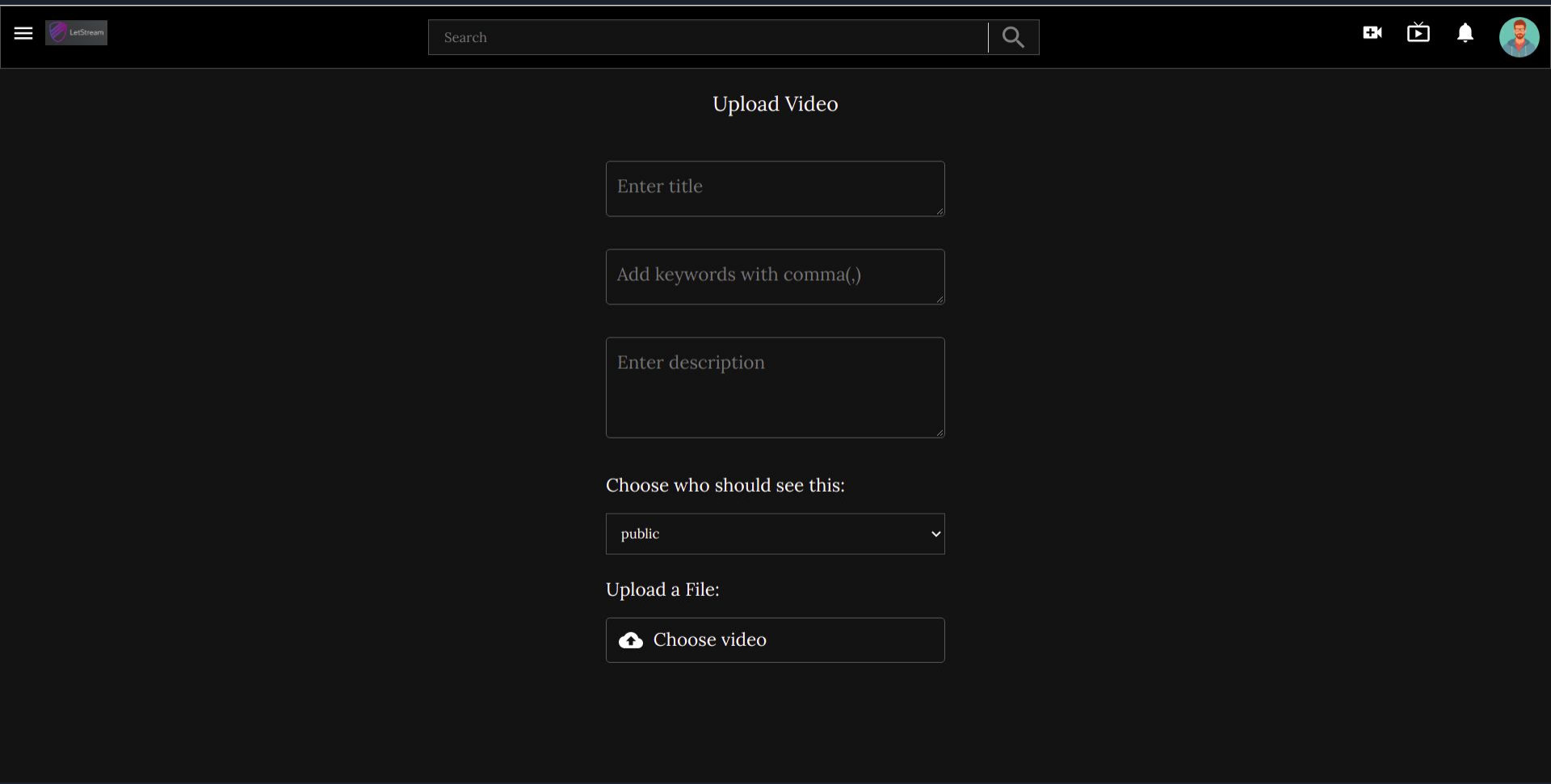
Welcome !!

This is a page where you can start a live-broadcast from your laptop.Others will be in view and listen mode only.So others can only view and listen to you,but will not be able to share their own audio or video.There is a group chat for all the participants to corporate interactions between participants and organiser.

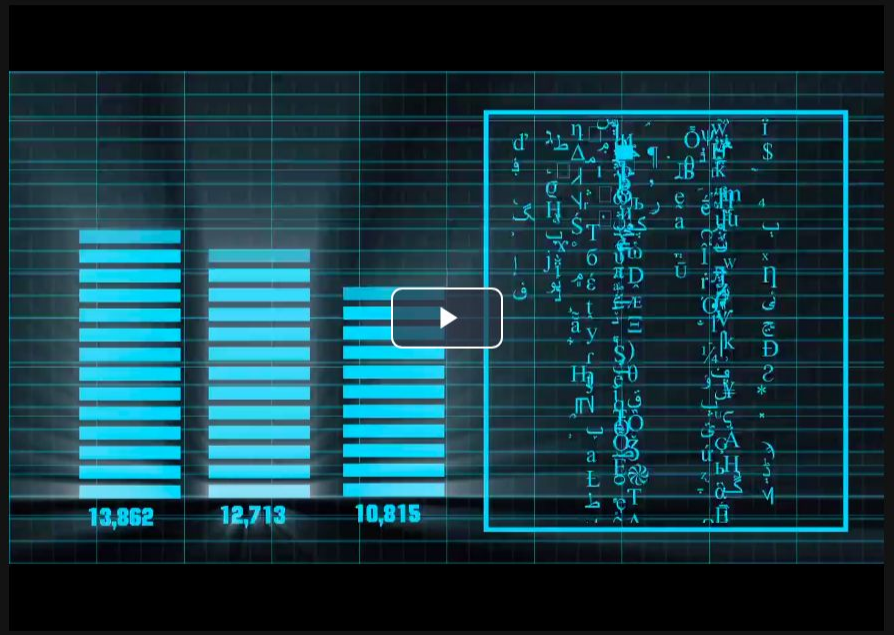
As a broadcaster,you can broadcast using your camera and microphone and can also share your laptop screen.

Ready to broadcast?

Start Live event



Upload a pre-recorded video



general | .style

3 views • 4 days ago

5 0 SHARE SAVED

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SUBSCRIBED

Suggested videos

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1 views • 14 hours ago

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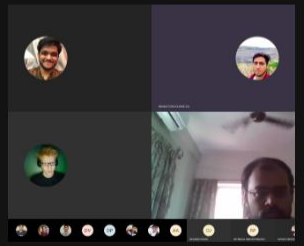

our class lecture

This is a short video showing our e...

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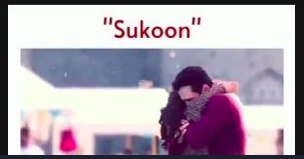

typical Romantic video ...

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Video viewing Area

shubh02
5 subscribers
SUBSCRIBED

just to check

3 comments
Oldest first

Add a comment

dsdscdsc hello shubh02
Commented 2d ago
1 0

himil24 very nice
Commented 2m ago
0 0

himil24 very nice
Commented 2m ago
0 0

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1 views • 2 days ago
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Uploaded by shubh02
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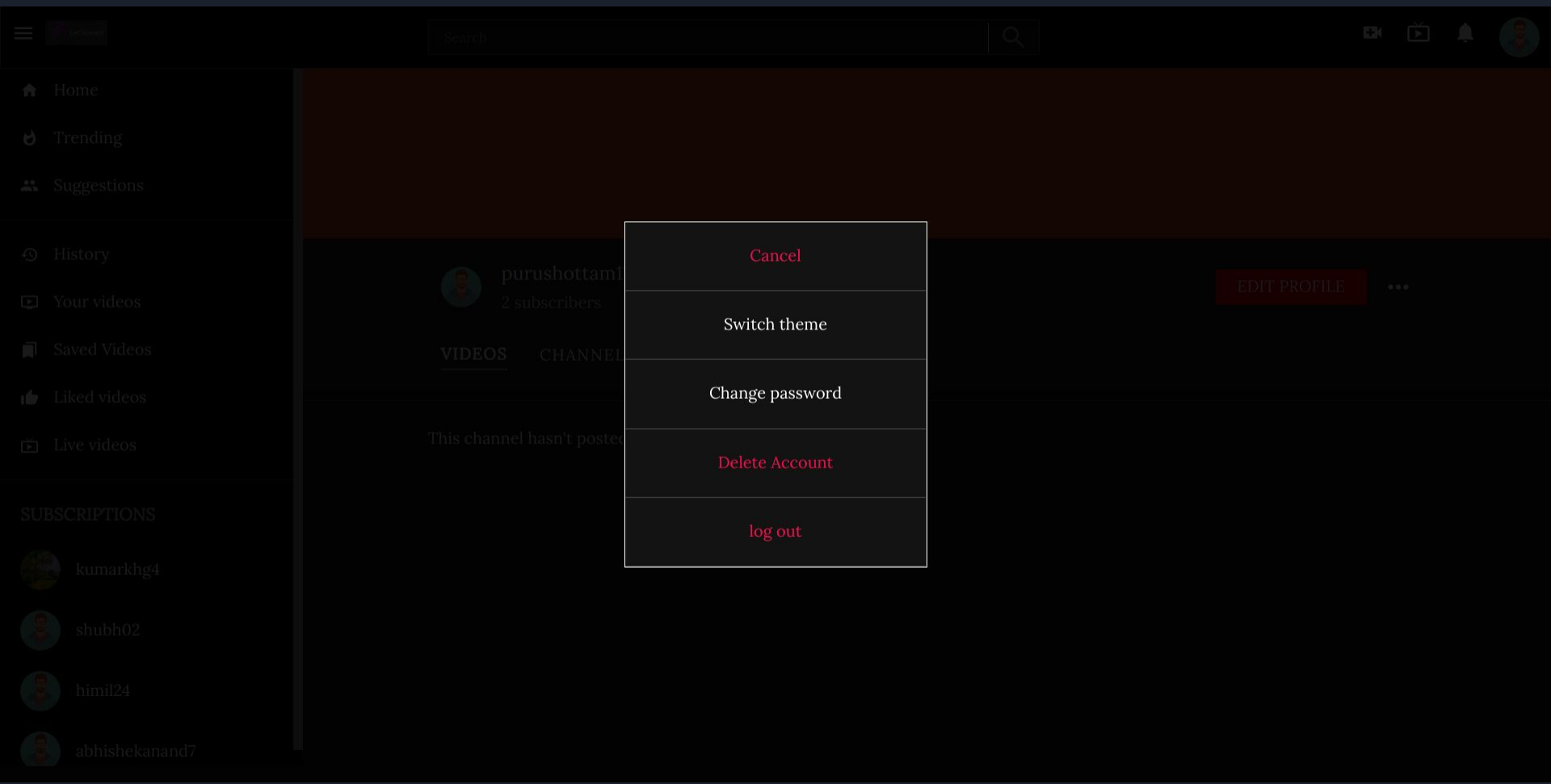
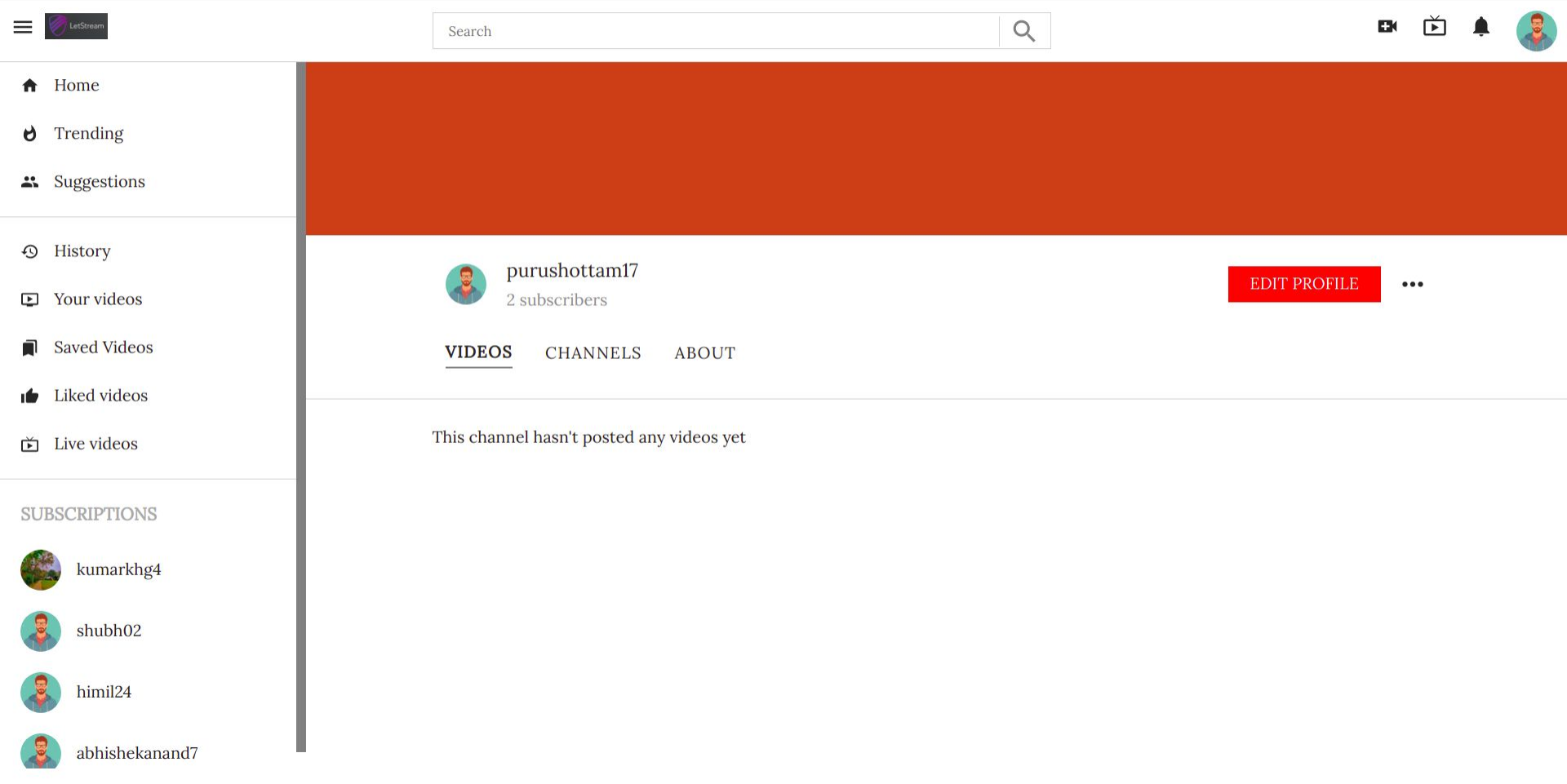
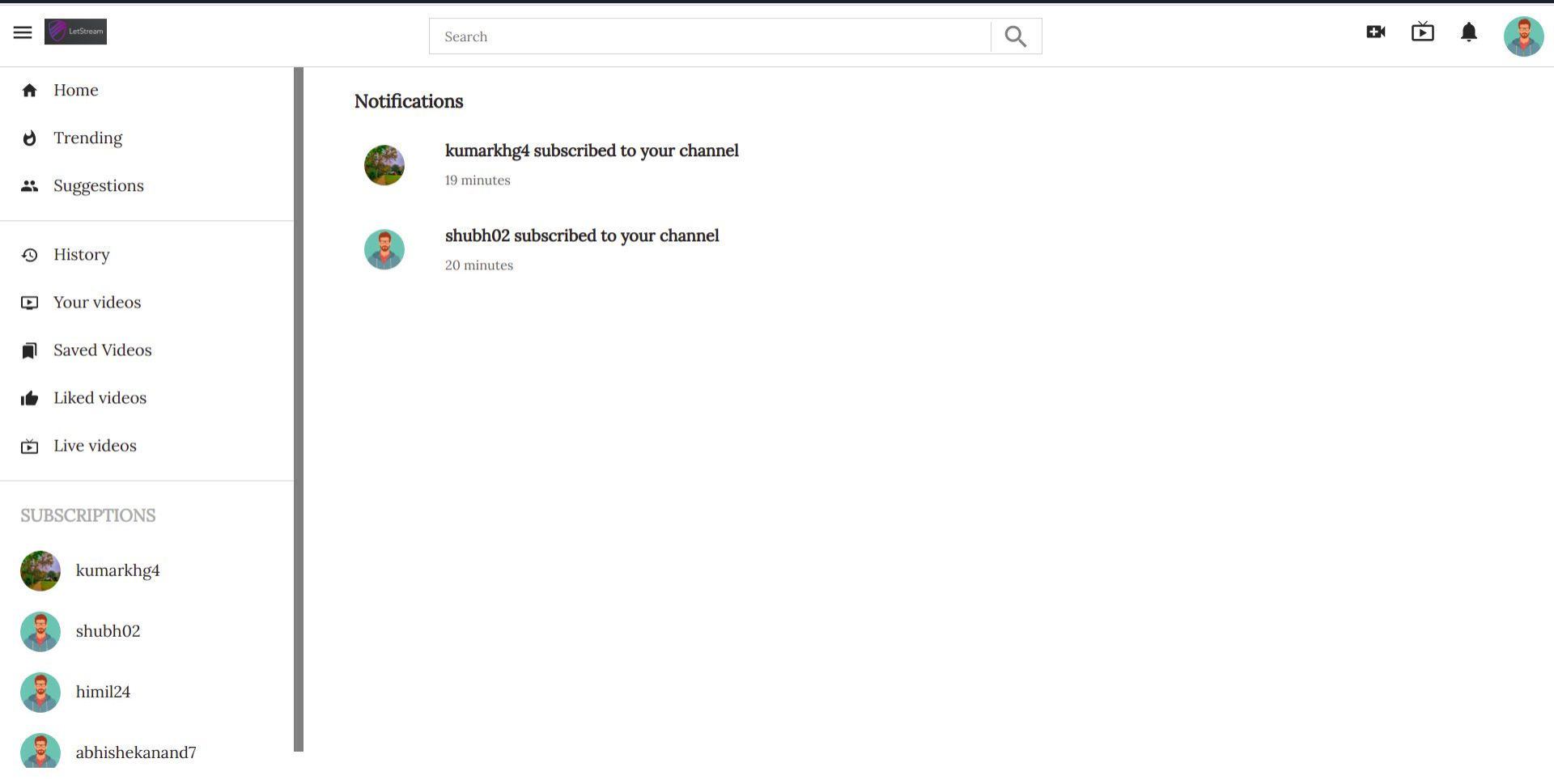
Comments on a video



Application Settings



Profile Page



Notifications Panel

LetStream

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- himil24
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Trending videos

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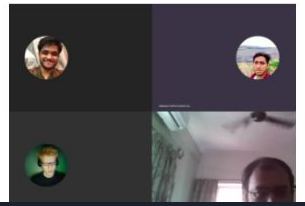

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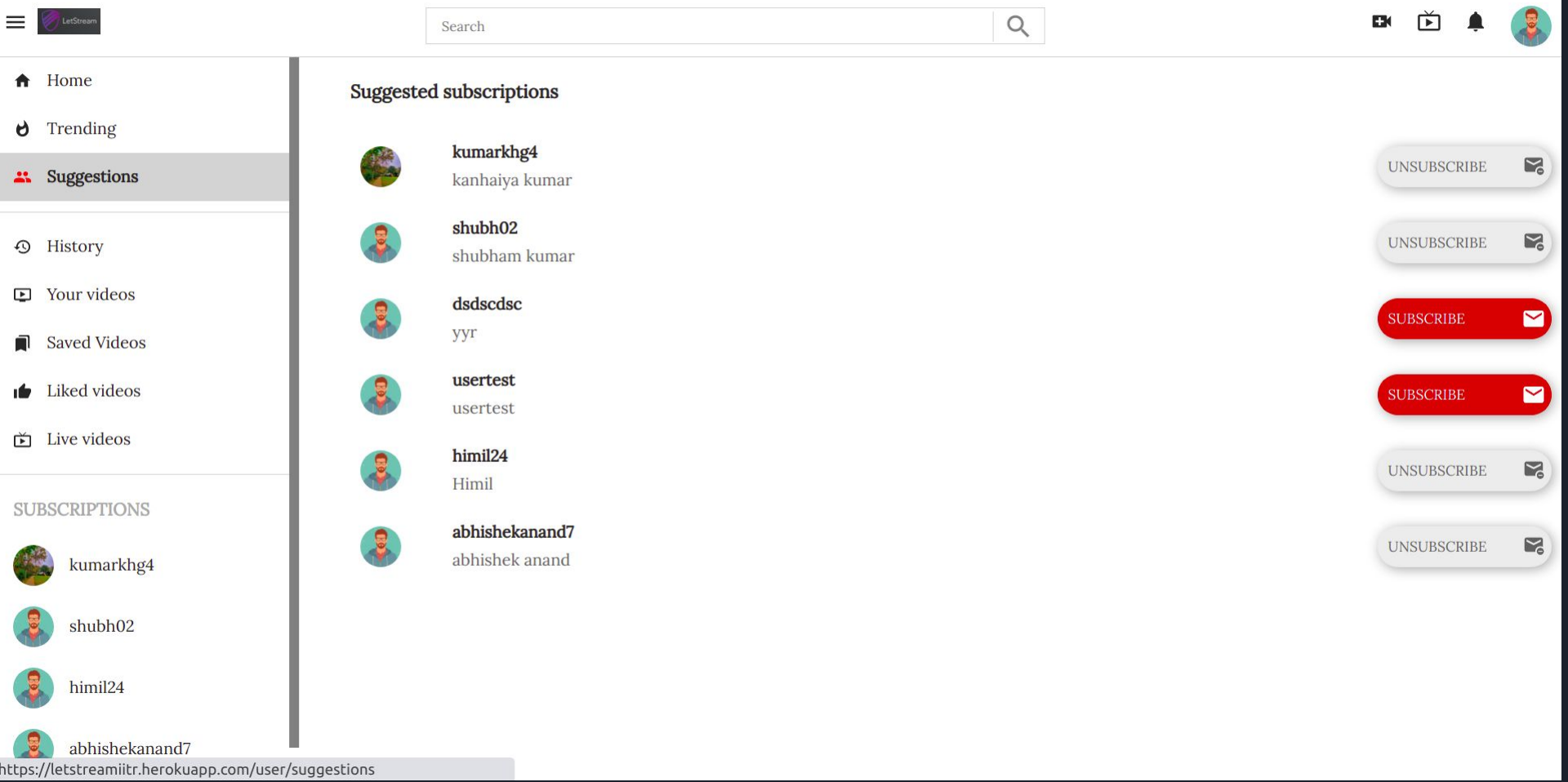
Trending Videos



Suggestions

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History

general

just to check

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2 1

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Uploaded videos by the user

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purushottam17
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randomclip

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2 views • 33 minutes ago

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Saved Videos

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Liked videos

general

just to check

Uploaded by shubh02

3 views • 4 days ago

5 0

Liked Videos

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- Your videos
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SUBSCRIPTIONS

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- shubh02
- himil24
- abhishekanand7

Live videos

ahhshs

skkkcmcm djjddnmaaa jsjjjjalkocncC...

Organised by shubh02

0 participants • 62 minutes ago

https://letstreamiitr.herokuapp.com/user/livevideos

Live Videos

Further scope and Innovation

- Our project is still in its early days, but we have quite promising future ahead of us.
- We plan to further our outreach by contacting other institutions.
- We will be working towards constant improvement in the areas of design, UI and security of our project.
- Currently deployed on heroku, we would like to deploy it on bigger and high performing servers and databases.

Thank You ...