

# Government Polytechnic , Nashik

( An Autonomous Institute of Government of Maharashtra)

New building campus ,Samangaon road ,Nashik road



## PROJECT SYNOPSIS

“LearnoScope : Educational video sharing platform”

### FOR THE COURSE

### THIRD YEAR DIPLOMA IN INFORMATION TECHNOLOGY

#### Submitted By:

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#### Submitted To:

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## **Project Topic :** An Educational Video sharing platform

### **Abstract :**

During the period of Lock-down, In times where schools, colleges, major learning institutes were closed, still enthusiasts gained valuable knowledge through remote learning. Remote learning has been present on the internet for a long time but during lockdown enthusiasts fully utilised resources to gain and improve their knowledge. This shows us that remote learning is such a blessing for knowledge seekers. Many platforms are out there, which are quite good at their job, but as people are preferring online learning more and more, major video sharing platforms are trying to make more profit by putting advertisements on that particular platform which actually creates a lot of chaos. Also there are suggestions of irrelevant videos . Putting video advertisements in a video sharing platform as well as the suggestion feed distracts the learners from the actual content. Which makes student's/learner's/enthusiast's focus far lower than their potential which is directly proportional to lesser productivity.

By observing this situation there is a need to make a platform where learners can learn in-demand skills, on demand, without advertisements, without unnecessary clutter, without irrelevant suggestions, with the quality and the productivity that learner deserves and to deliver that experience and overcome problems with rest of the platforms , LearnoScope is ideal platform to rely on.

### **Key Words :**

E-Learning, Skill sharing, Quick Notes, File attachments, Technologies, Video Tutorial, Discussion forum.

### **Objective :**

To overcome the problems with existing video sharing platforms, And create the whole new video sharing platform which is solely focused on content.

With features of note/file sharing, note taking, profile sharing, bookmark a

video, discussion forum creation.

which gives learners more flexibility to learn skills in an organised manner.

## **Introduction**

LearnoScope is an education sharing platform via the internet, network, or standalone computer. LearnoScope is basically the video sharing platform solely focused on content. without any digital distractions, convey skills and knowledge. LearnoScope is an E-learning platform. Which fulfills the lack of features that other platforms are missing. E-learning refers to using electronic applications and processes to learn. E-learning includes all forms of electronically supported learning and teaching. E-learning applications and processes include web-based learning, computer-based learning, virtual education opportunities and digital collaboration. Content is delivered via the Internet, intranet, audio or video tape.

LearnoScope is entirely based on educational-video sharing theme. Where all users have their account on the site, each user gets treated as a regular user account, which holds uploaded videos of that particular user. With title, description, and attachment files like pdf, photos etc. attachments are for study purposes.

A user can search a particular video by entering the topic name in the search bar and results will be displayed according to your input.

LearnoScope has many features built in favor of learners, such as notes sharing, quick notes, dark mode, discussion forum, bookmark.

When a user uploads a video he/she is also able to attach study material so other viewers(learner) can also get study material in order to learn that skill properly. Quick notes is something that boosts the productivity of users, learners can take notes on the go without having any separate note taking medium. And user's data will be saved in the backend so saved quick notes can be accessed later.

## **Module Description :-**

**User :** 1) **Videofeed section(home)** : Visitor or user can get access all the videos in the database.

3) **Chat box** : The user can access the chat box to create a room and ask their doubts.

4) **Bookmark** : The user can bookmark or save their favourite videos inside the bookmark section.

5) **Upload** : Users can upload their own educational videos + notes in the upload section.

6) **History** : Whatever the videos watched by the user on these platforms are stored in the history section.

7) **Your Videos** : Users can view their uploaded video in your videos section.

8) **Video-Player** : After clicking on any video user can be redirected to the Video-Player section where the user can watch the complete Video.

9) **Description** : The user can view the Description about the video and be able to download the notes uploaded by the video uploader.

10) **Sticky Notes** : The User can create the sticky notes for each video and be able to access it.

11) **Search-section** : Users can search required videos.

12) **Report** : Users can report the inappropriate video content.

## **Minimum System Requirements: -**

### **Hardware Requirements:**

- System : Intel Core i3, Android 8.0 above
- Hard Disk : 40 GB (PC), 18GB(Phone)
- RAM : 2 GB of RAM.

### **Software Requirements:**

- Software for development : Browser (Chrome, Firefox)
- Coding Language : React JS (JavaScript, HTML, CSS, Bootstrap)
- Back-end : Django,Python
- Web browser : Chrome, Firefox, Safari

## **Conclusion :**

Thus, in this project we have focused on how we can solve the problem of digital distractions. By creating a clean platform for enthusiasts who are willing to achieve something in life by learning industry leading skills. We have used various Data Manipulation Query & Advance GUI Features for seamless Interaction with users. LearnoScope is an open-source project and many features are going to add further. Because of its open source availability, developers all over the world can also contribute in order to improve functionalities of this platform.

Learnoscope

A Community driven project developed by the People for the people ☑

