Project Title: Education Express

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Area Of Interest: Machine Learning, HCI

(Product Based)

Abstract:

Now a days knowledge is spreading fast. Students try to use platforms where they can learn and understand easily and faster such as Youtube, tutorialspoint, wikipedia. we are providing a platform for students so that they can learn faster and teachers can earn from it. There will be video tutorials as well as for every tutorial there will be theory as well so that students can gather knowledge utilizing their maximum senses. Students will also be able to search the topics or courses that they want to learn using advanced search.

Feature Description:

We will be implementing the recommendation systems to minimize the effort of students. The teachers will also be recommended what they should teach in their tutorials using recommendation system.A text editor will also be given to the teachers to provide the theory material to the students this text editor is itself a unique concept which will give a standard text style and format to create a visual convenience for students.

The Objective of the project is to provide students with theory and video lectures at the same platform so he/she can understand better and quicker. Following are some of the main features that will be used in our Project:

Searching Mechanism: Here we can search for any topic by using filter search boxes which includes search by date, search by title and search by video duration.

Recommendation System for student: This Feature will recommend a list of content/videos for every individual student profile on the basis of different attributes.

Recommendation System for teacher:

This feature will recommend a list of topics recommended to teacher with respect to the student's requirements and the area of field of teacher.

Suggestion System:

This feature will show a list of suggested videos base on the topic student has searched recently. This will include all the videos related to that topic.

Special Text Editors :

IT will give a standard text style and format to create a visual convenience for students.

Rating System for Teacher and Topic,Course:

In this feature student can rate the Teacher, Course or Topic.

Discussion Box for Every Topic:

In this feature there will be a discussion area below the video so that student can ask a query and teacher can answer.

Follow A Teacher:

student can follow/unfollow the teacher. In case of following Student will be notified on every new topic/course created by the teacher.

Online Video streaming:

users will be watching the video through online streaming.

watch history :

watch history is a feature to help the users to maintain their watch history so they can check it later.

watch later:

In this feature the user can add a topic to a watch later list.In future ,the user can easily go to the the list and watch videos from there.In short the watch later list will be used for bookmarking the topic within a website.