

GoalTube

Get Certified to watch YouTube!

AI based platform to make Youtube Tutorial Videos credible

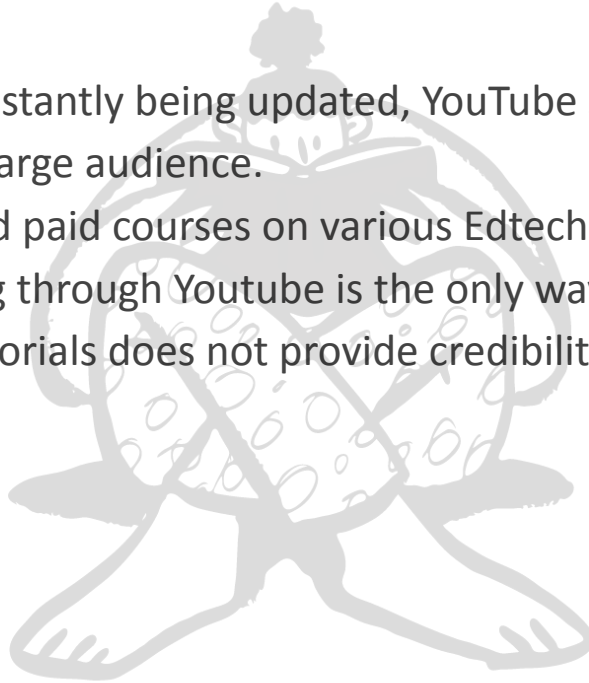


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2022**

Problem Statement :

Student Innovation in Smart Education

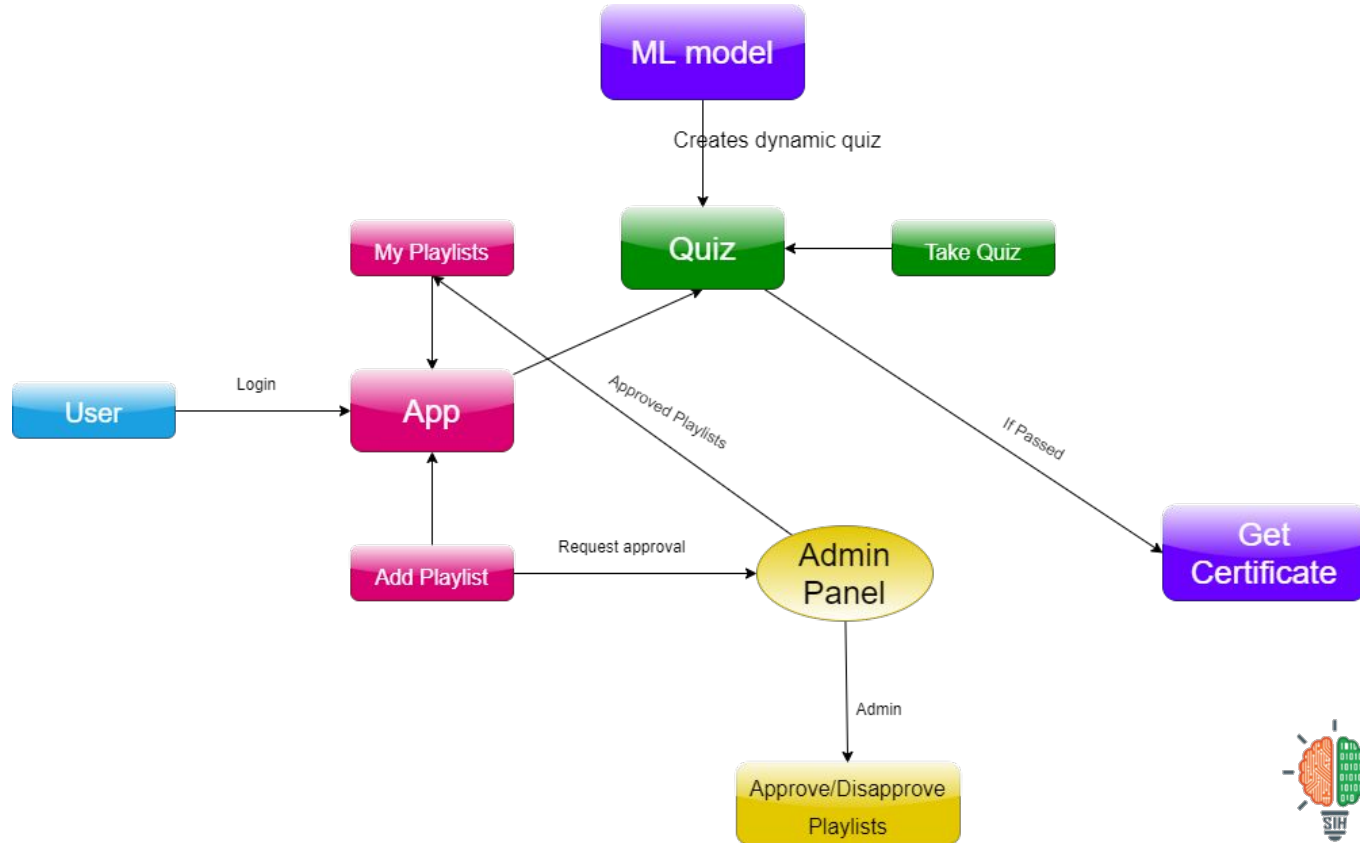
- Because technology is constantly being updated, YouTube serves as a platform for these updates to reach a large audience.
- A lot of people can't afford paid courses on various Edtech platforms like Coursera, Udemy, etc. Thus, learning through Youtube is the only way out.
- But, watching Youtube tutorials does not provide credibility to showcase as a criteria of employability.



Our Solution

- **GoalTube** is an AI based platform that provides credibility to learners across all backgrounds through our dynamic and customizable quizzes which aim to educate themselves through freely available YouTube platform.
- The user can sign in with their Google account and add the YouTube playlist that they want to finish. The Playlist will not be added to the course list until it has been approved by the admin panel. Following videos, the user will be required to complete a quiz in which the questions are generated based on the subtitles extracted from the video using NLP(Natural Language Processing). Users can also view and watch playlists uploaded by other users.
- If a user believes that a question or answer is incorrect, they can report it to the admin panel, and the admin panel will investigate further.
- If the user receives a certain number of passing points at the end of all videos and quizzes, they will be certified for that course.
- If it is published in collaboration with a government entity, the credibility of the certificate for courses will be enhanced even further, and the application can be made available to more schools and colleges.
- We can also use the quiz to determine whether or not the user is watching the video. Furthermore, testing your knowledge is a way to gain confidence in that subject, and thus our application will motivate users to complete the courses.

Flowchart



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Technologies Used



Flutter



Firebase



Flask

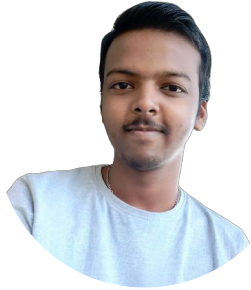


Python



PyTorch

Our Team - GoalTube



Abhay Ubale
Undergrad in CS



Vriddhi Gupta
Undergrad in IT



Jaivanti Dhokey
Undergrad in Production Engg



Sarah Tisekar
Undergrad in CS



Krishna Asher
Undergrad in IT



Vedika Mamidwar
Undergrad in IT