



# MGM'S COLLEGE OF ENGINEERING, NANDED

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## “Youtube Video Transcript Summarizer using NLP and Machine Learning”

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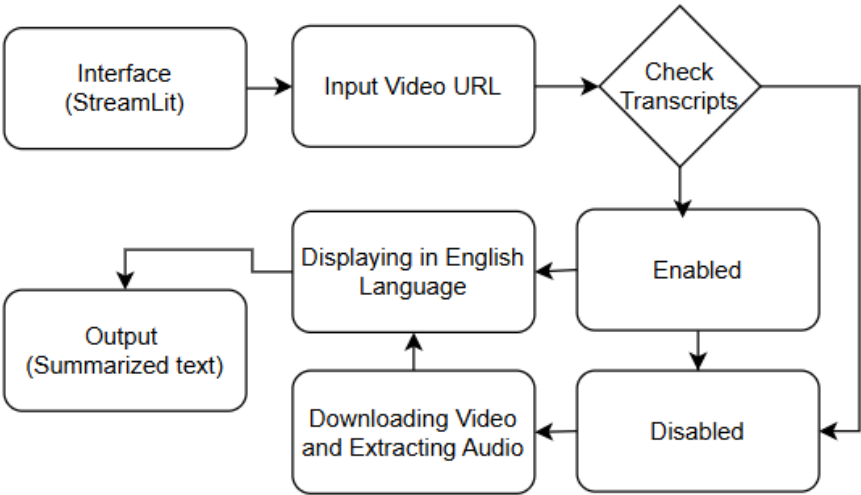
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Academic Year 2024-25

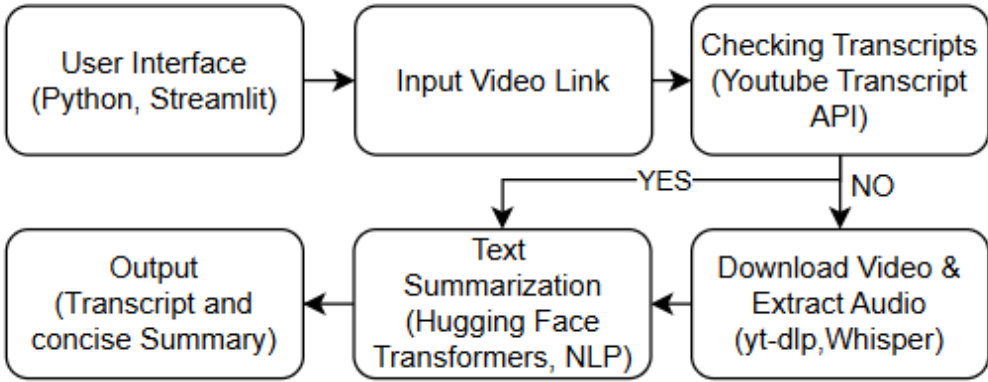
### Introduction:

YouTube Transcript Summarizer is a streamlined tool for extracting and summarizing YouTube video transcripts, even for videos without captions. Using advanced NLP and Whisper models, it provides users with both the full transcript and a concise summary, accessible through an intuitive, interactive interface. This tool is designed for anyone looking to quickly grasp video content, making it invaluable for both casual users and professionals.

### System Architecture:



### Methodology:



### Conclusion:

The YouTube Transcript Summarizer is a powerful solution for simplifying video content consumption, enabling users to retrieve and quickly understand video transcripts through AI-powered summarization. By providing both complete transcripts and concise summaries, this tool enhances accessibility and efficiency, making it an essential resource for users of all backgrounds

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