



MGM'S COLLEGE OF ENGINEERING, NANDED

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

“Youtube Video Transcript Summarizer using NLP and Machine Learning”

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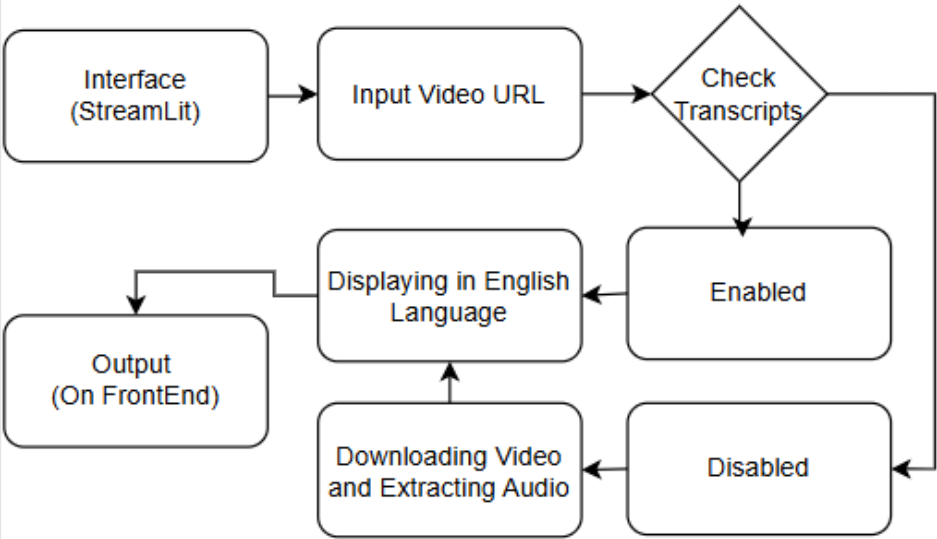
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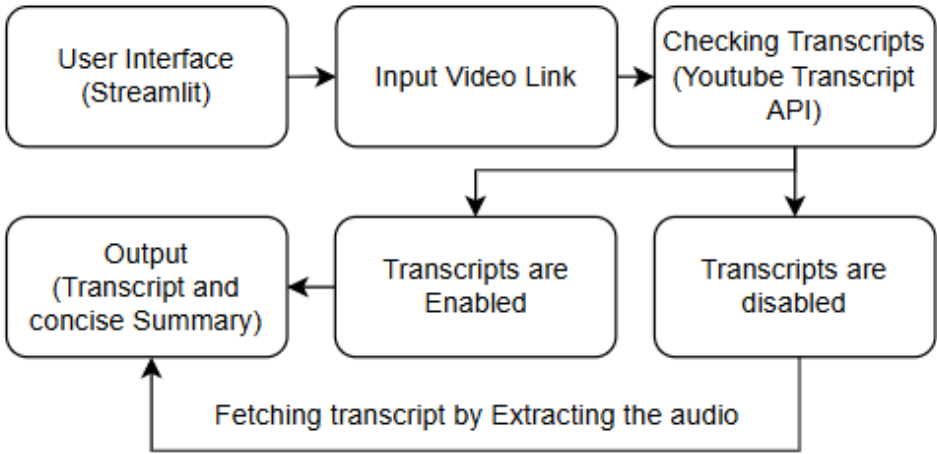
Introduction:

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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