Capstone Project Lightning Talk

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Problem Statement

Students struggle with a lack of time when it comes to reading long articles or watching videos. I wish to help reduce the time it takes to summarise said articles/videos.
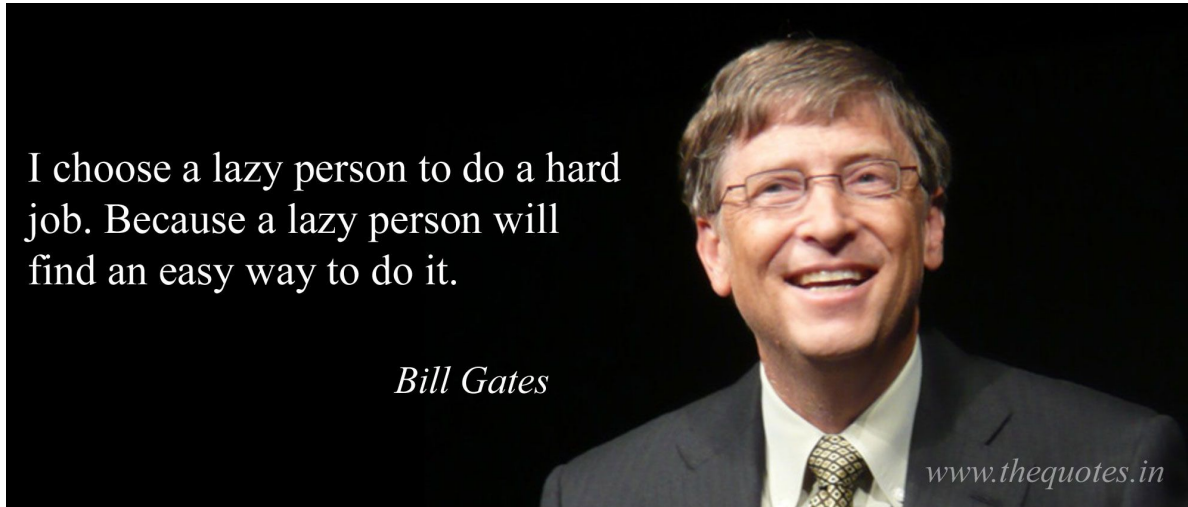
Input

YouTube URL
Article URL
Readings PDF

→

Output

Summary in Text
Format

Who is my audience? Why would they care?

As mentioned, students will be my target audience. Broadly speaking my target audience will be anyone who needs to have a quick and concise summary of any video/article.

I choose a lazy person to do a hard job. Because a lazy person will find an easy way to do it.

Bill Gates

www.thequotes.in

What is my success metric?

Implementation to a wider audience will be challenging given the scale and time constraints. In an ideal setting I would introduce this to a large sample and get their feedback on **effectiveness of summary.**

My success metric will be **speed** in handling large volumes of summarizing.

What is my data source?

Topical Web Scrape
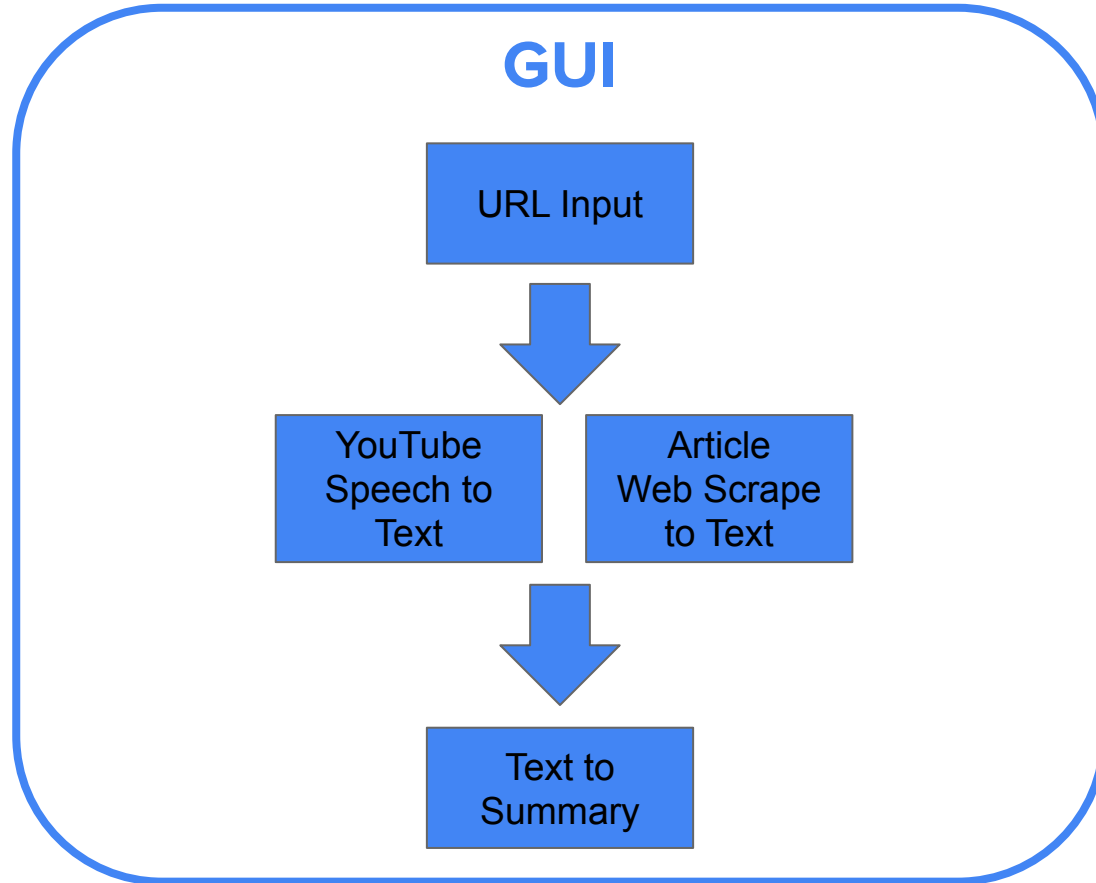
What are potential challenges?

1. Too ambitious?
2. Not technically a "data science" project (one degree removed)
3. A lot of new things to learn

Is this a reasonable project given the time constraints?

Should be can la

I have completed the basic summarizer.

Project Architecture

GUI

URL Input

↓

| YouTube Speech to Text | Article Web Scrape to Text |

↓

Text to Summary

Thank you :)