Alpha Presentation
TechSmith Video Summarizer

The Capstone Experience

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Project Overview

• Split and summarize videos
  ▪ Any video of any length
  ▪ Easily view "segments" to improve your learning experience

• User accounts
  ▪ Rewatch videos
  ▪ Manage uploaded videos

• Streamlined user experience

• Translate video summaries into other languages
System Architecture

User

React Front End

Back End

Docker

Blob Storage

SQL DB

Speech API

Azure Services

Azure Cloud Platform

MeaningCloud
Viewing Summarized Video #1

25th Amendment

Keywords

vice president, acting President, President Pro temporary, powers, duties
Viewing Summarized Video #2

The nation's largest online mortgage lender is Quicken Loans, the largest retail mortgage overall. In fact, Quicken Loans has achieved this status by utilizing technology to save clients time and money through their mortgage experience.

In progress, quite a few tasks look to be completed, so let's open up fundamental to check the actual status of the contractor task. He does notice that one of the tasks seems to need a couple of final things to touch up.
'My Videos' page
'My Videos' page uploading
Mobile Display
What’s left to do?

- Algorithms need better optimization
  - More meaningful summaries
  - Improve processing speed
- Add authentication for user accounts
- Ability to translate summaries
- Improved error checking
- Add more user functionality
  - Custom parameters for summaries
  - Edit/delete videos
Questions?