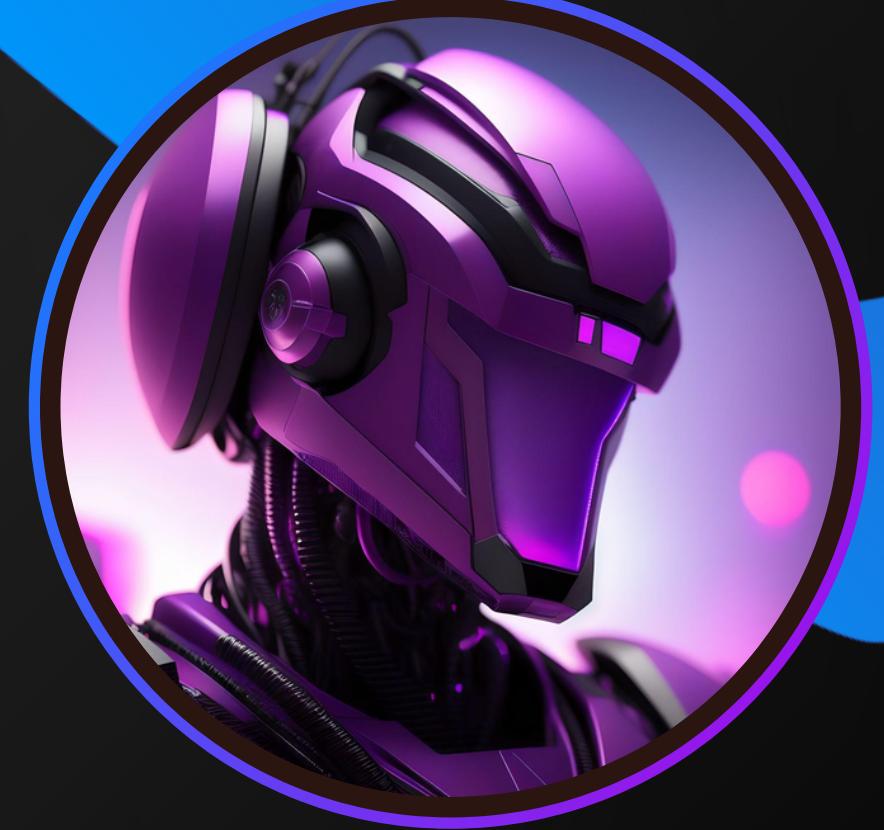




BUSINESS PROJECT

Presented by: Jatin Aggarwal



PROBLEM STATEMENT

ONLINE MEETINGS FOR STUDENTS AND EMPLOYEES OFTEN SUFFER FROM DISENGAGEMENT AND COMMUNICATION GAPS. PARTICIPANTS FREQUENTLY MUTE THEMSELVES AND MULTITASK, LEADING TO MISSED INFORMATION AND REDUCED PRODUCTIVITY. PRESENTERS COMPENSATE BY CREATING TIME-CONSUMING POWERPOINT PRESENTATIONS AND MEETING NOTES, WHICH MAY NOT EFFECTIVELY BRIDGE THE COMMUNICATION GAP. THIS RESULTS IN MISSED INFORMATION, DECREASED PRODUCTIVITY, AND INEFFICIENT COMMUNICATION.



SOLUTION



Objective 01

The first step is to make an AI/ML chrome extension using chatgpt API to create meeting notes in organized manner.



Objective 02

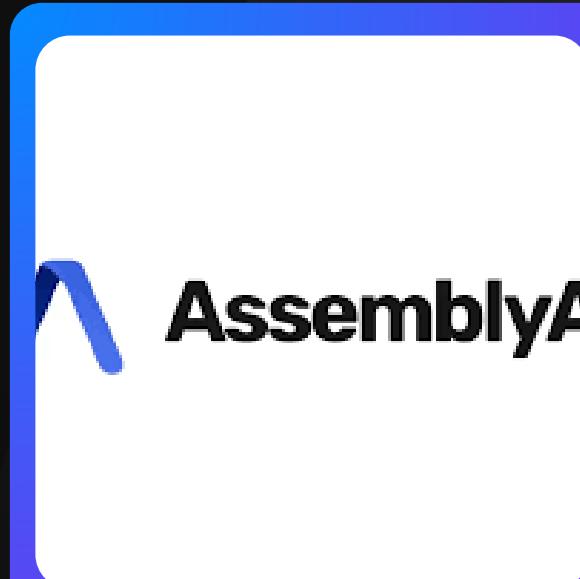
Providing insights of previous meeting in the next meeting if asked by user by saving all the data in backend.



HOW?



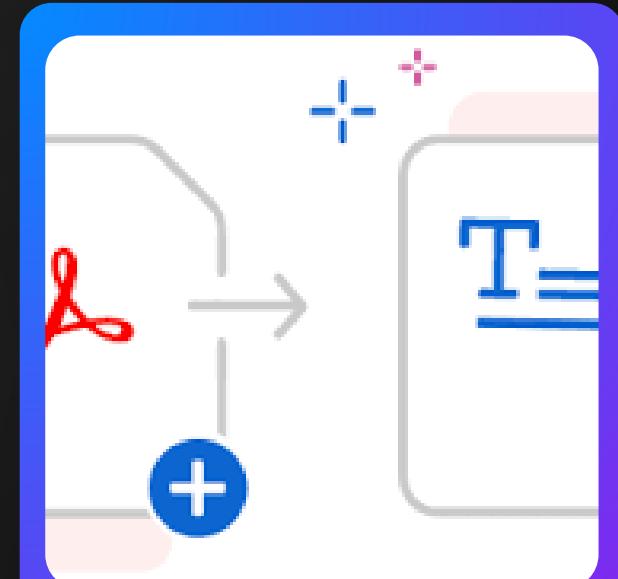
Using chrome extension to record meetings and extract their audio file



Using AssemblyAI api to covert speech to text



Using chatGPT API to get summary of our text with hardcoded prompts.



Providing organized text files to users with all the required charts and graphs in the desired format



Strategies



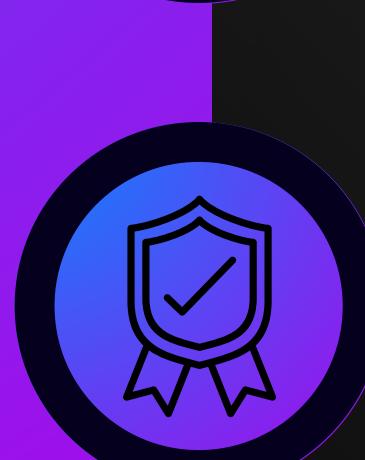
SUBSCRIPTION

This project will be accessible to everyone for free, with subscription plans available based on meeting duration and credit requirements. Users can choose the plan that suits their needs, allowing them to enjoy the benefits of the extension while maintaining flexibility and control over their account.



FUTURE PLANS

We will incorporate Simplified API and DALL-E to seamlessly integrate charts, graphs, and relevant images into the summary, enhancing its visual appeal and readability. This premium feature will be available as part of the subscription plan.



FUTURE SCOPE

Similar to OpenAI, our project will continually offer a range of relevant features that can be seamlessly integrated, ensuring the project remains up-to-date and dynamic for a sustainable user experience.



COMPETITION

EXISTING PROJECTS

- Existing summarizing websites lack sophistication and often provide basic summaries that only include headings and general information, failing to capture the true essence of comprehensive meeting notes.
- The current summaries offered lack backend storage, preventing users from accessing and utilizing the insights at a later time.

VOXSUM

Our software leverages multiple existing APIs to harness the full potential of AI, incorporating relevant charts, graphs, and images to create visually appealing summaries that precisely convey essential meeting information.

- By securely storing summaries generated by each user account in the backend, our software enables access to insights from previous summaries and facilitates the compilation of a comprehensive final summary encompassing all meetings.

SAMPLE RECORDING

LINK OF MP3 FILE- RECORDING.MP3

DURATION- 1:00 MINUTES

SPEECH TO TEXT-WE ARE MAKING AN AI CHATBOT. A WHISPER DRIVER USING WHISPER CREATES AI TEXT SPEECH TO TEXT AND ELABORATE SYNTHESIZE THE CURATED LANGUAGE TEXT FROM SIMPLY LEARNING FROM THAT SPEECH. AND IT CAN CREATE UP TO THESE X GB OF DATA TO THIS MUCH MB OF. DATA OF TEXT THAT CAN REDUCE YOUR THAT CAN REDUCE YOUR TOTAL STORAGE COST AND CAN ENHANCE THE WORK EFFICIENCY BY SYNTHESIZING THAT TEXT FURTHER TO MAKE IT SUMMARY LIKE TEXT OR MAYBE MORE LIKE TEXT AND THEN OTHER IT CAN CREATE MORE USEFUL DATA INSIGHTS FROM THOSE SPEECH AND TEXT.

SUMMARY BY VOXSUM-THIS PROJECT IS CREATING AN AI CHATBOT THAT USES WHISPER DRIVER TECHNOLOGY TO CONVERT TEXT TO SPEECH AND BACK AGAIN. THE DATA THAT IS CREATED CAN THEN BE USED TO REDUCE COSTS AND ENHANCE WORK EFFICIENCY. THE DATA CAN ALSO BE USED TO CREATE USEFUL DATA INSIGHTS FROM THE TEXT AND SPEECH.

Recording of google meet presentation

[LINK OF MP3 FILE- RECORDING.MP3](#)

DURATION- 4:00 MINUTES

SUMMARY BY VOXSUM-VOXAM- VOXAM IS A CHROME EXTENSION POWERED BY AI AND ML, USED TO IMPROVE ONLINE ENGAGEMENT AND COMMUNICATION DURING MEETINGS. IT TAKES AUDIO AND TEXT INPUT USING CONVERSATIONAL AI AND SUMMARISES IT INTO AN ORGANISED FORMAT FOR PARTICIPANTS TO REVIEW AND REUSE. THE EXTENSION ALSO STORES DATA IN THE BACKEND SO USERS CAN ACCESS AND REUSE INSIGHTS FROM PAST MEETINGS. VOXUM DIFFERS FROM EXISTING ONLINE SUMMARISING WEBSITES BY OFFERING A MORE SOPHISTICATED APPROACH WITH THE ADDITION OF VISUALS, CHARTS AND GRAPHS THAT CAPTURE THE ESSENCE OF THE MEETING. THE EXTENSION IS FREE TO USE WITH PAYMENT PLANS AVAILABLE FOR LARGER MEETINGS AND CREDIT NUMBERS. ADDITIONALLY, FUTURE PLANS FOR THE PROJECT WILL INTEGRATE NEW APIs AND FEATURES TO ENSURE THE SOFTWARE REMAINS UP TO DATE AND SUSTAINABLE.

VOXSUM

Hours to minutes

WEBSITE

[localhost:4200/home](#)

VOXSUM Hours to minutes
summarize your meetings with a single click

How It Works

1. Extension Initialization and Audio Recording
When the user initiates the chrome extension during a business or educational online meeting, the extension gains access to the audio input from the meeting platform and starts recording the speech.

2. Speech-to-Text Conversion
The recorded speech is passed through a speech-to-text conversion module that utilizes NLP techniques. This module converts the audio into text data.

3. Summary Generation with ChatGPT Model
The text data obtained from the speech-to-text conversion is fed into the ChatGPT model, which utilizes natural language processing and comprehension to generate a summary based on the input text.

4. Information Extraction and Insights
The generated summary is processed to extract key information and relevant insights from the summarized text. This step helps to identify the most important points and highlights essential details for further analysis.

5. Visualization of Extracted Information
The extracted information is visualized using suitable graphical representations such as pie charts or other visualization techniques. These visualizations provide a clear and concise representation of the summarized data.

[localhost:4200/home](#)

How It Works

1. Extension Initialization and Audio Recording
When the user initiates the chrome extension during a business or educational online meeting, the extension gains access to the audio input from the meeting platform and starts recording the speech.

2. Speech-to-Text Conversion
The recorded speech is passed through a speech-to-text conversion module that utilizes NLP techniques. This module converts the audio into text data.

3. Summary Generation with ChatGPT Model
The text data obtained from the speech-to-text conversion is fed into the ChatGPT model, which utilizes natural language processing and comprehension to generate a summary based on the input text.

4. Information Extraction and Insights
The generated summary is processed to extract key information and relevant insights from the summarized text. This step helps to identify the most important points and highlights essential details for further analysis.

5. Visualization of Extracted Information
The extracted information is visualized using suitable graphical representations such as pie charts or other visualization techniques. These visualizations provide a clear and concise representation of the summarized data.

Frequently Asked Questions

What is the purpose of the chrome extension?
How does the extension access audio from online meetings?
What technology is used to convert speech to text?
How does the ChatGPT model generate a summary?
What kind of information and insights are extracted from the generated summary?
How is the extracted information visualized?

Support

EXTENSION INTERFACE



Summarize your
meetings with a single
click.



Record

Download (.pdf)





THANK YOU

For watching this presentation



+91 8920663628



Jatin22228@iiitd.ac.in



Github repository