

SOUNDSCRIPT

Audio-to-text & Summary Generator



SoundScript

Drag & drop your audio file here or
Browse Files
Selected: How are you.mpp3

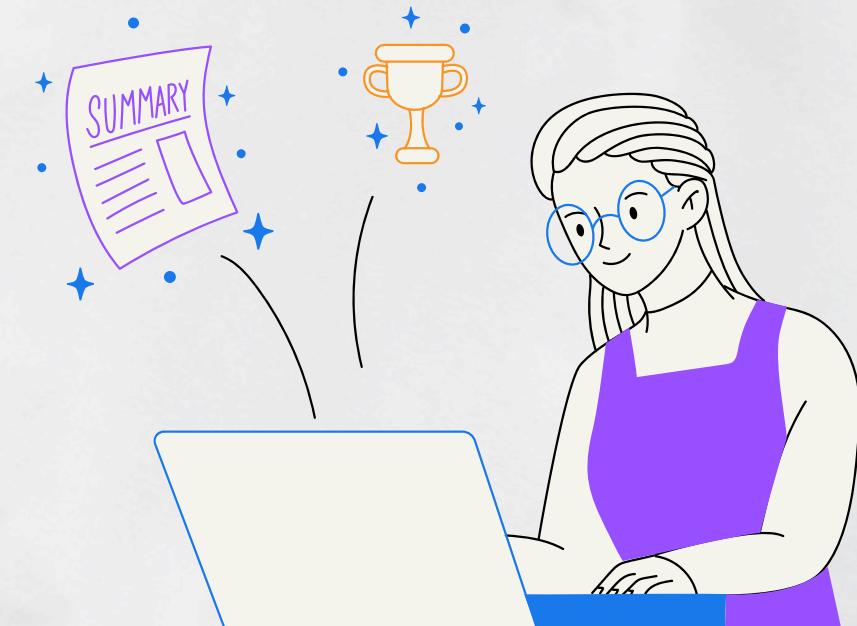
Transcribed! Summarized!

Transcription

Hello, David. How are you today? I'm good, thank you. How are you? I'm fine, too, What are you up? Not much, just work. And you? Same. Busy with work. It was very nice talking you too. See you around, Sarah. Bye.

Summary

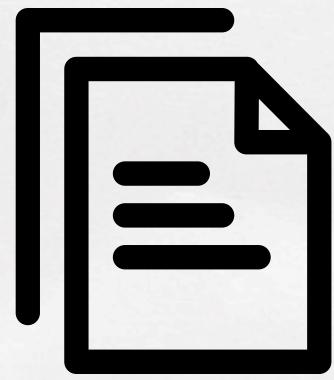
David and Sarah exchanged greetings and briefly discussed their work. They concluded the conversation by saying goodbye and agreeing to see each other around.



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PROBLEM STATEMENT

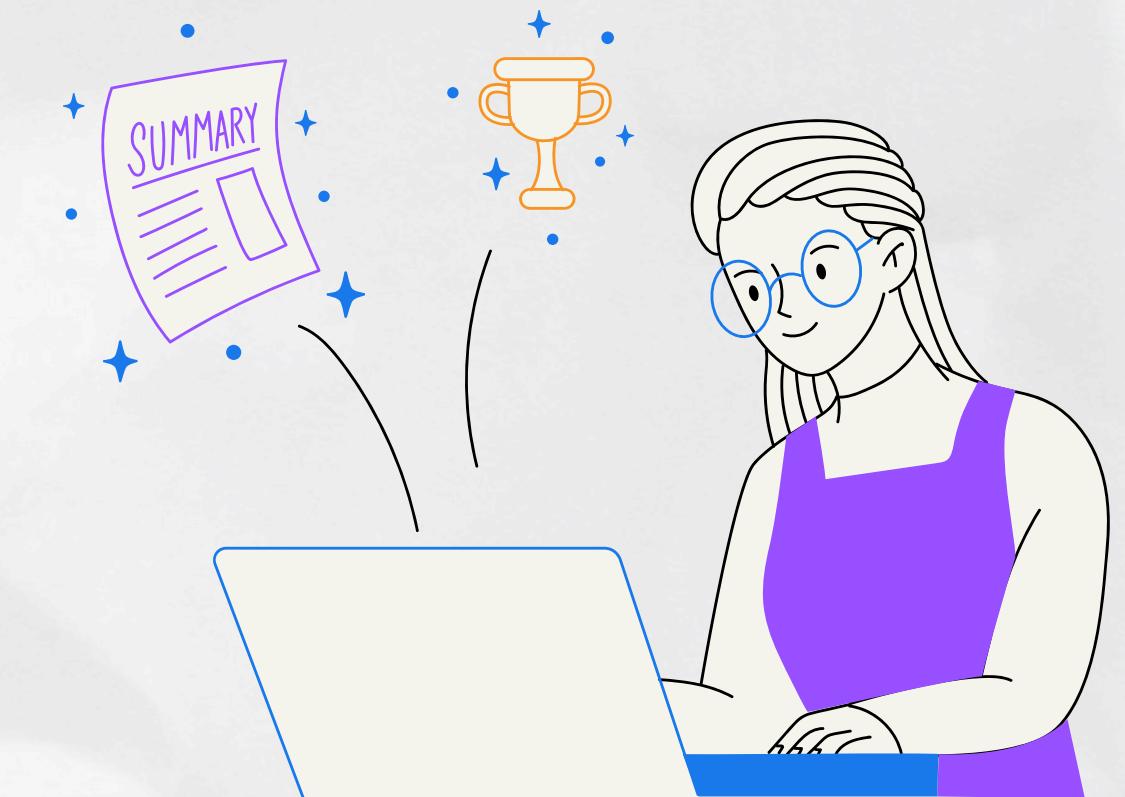
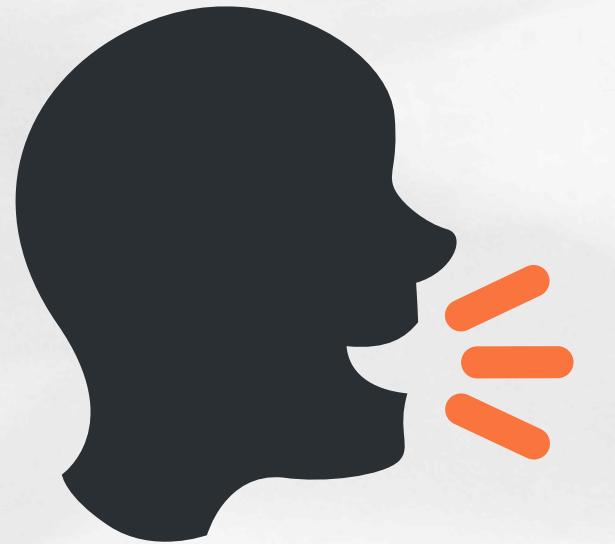


- “I wish I could **understand the language** that my teammates speak.”
- “I want to **review a long client call**, but re-listening to it is so **time-consuming**.”
- “I missed **critical details** in that recorded meeting because of the **background noise**.”
- “I sometimes **miss important nuances** in conversations when there's an **accent** I'm **not familiar with**.”
- “I need to share **key takeaways** from a voice recording, but typing it all out takes **forever**.”



KEY FEATURES

- High-Accuracy Audio Transcription
- Intelligent Conversation Summarization
- Secure & Private Handling
- Downloadable Outputs
- Intuitive & Interactive UI
- Clear Error Handling & Feedback



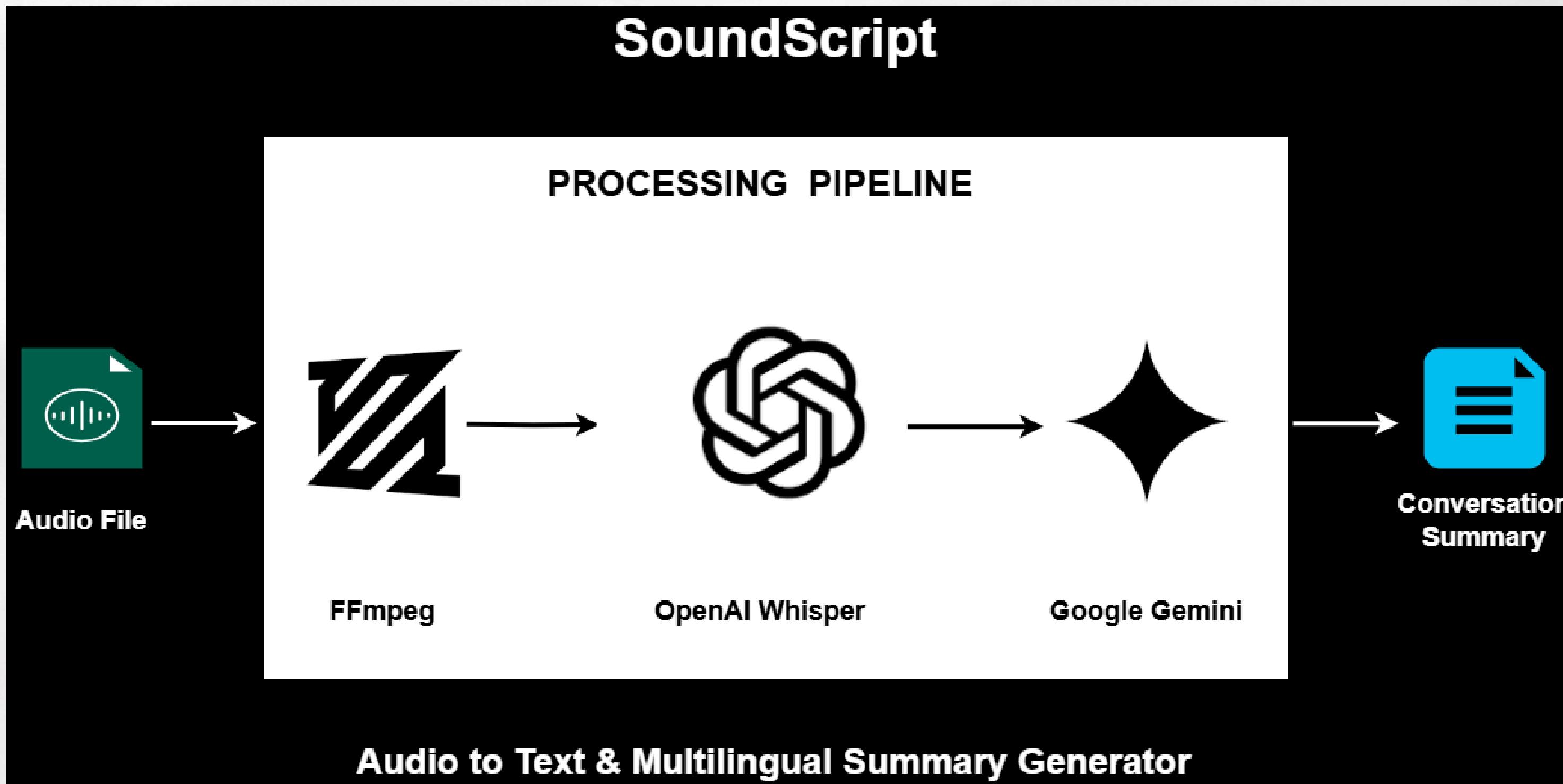
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ARCHITECTURE

SoundScript

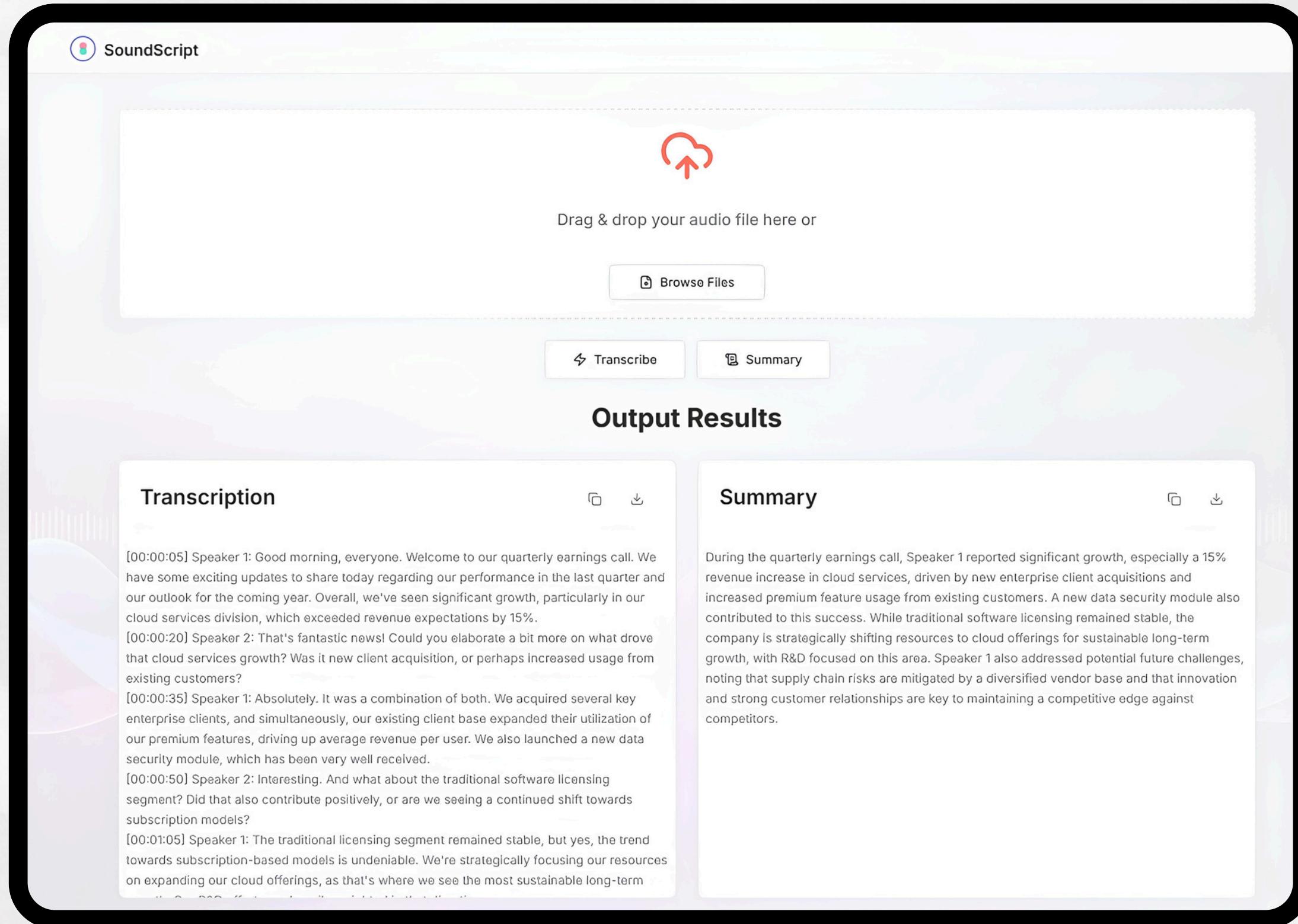


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UI DESIGN



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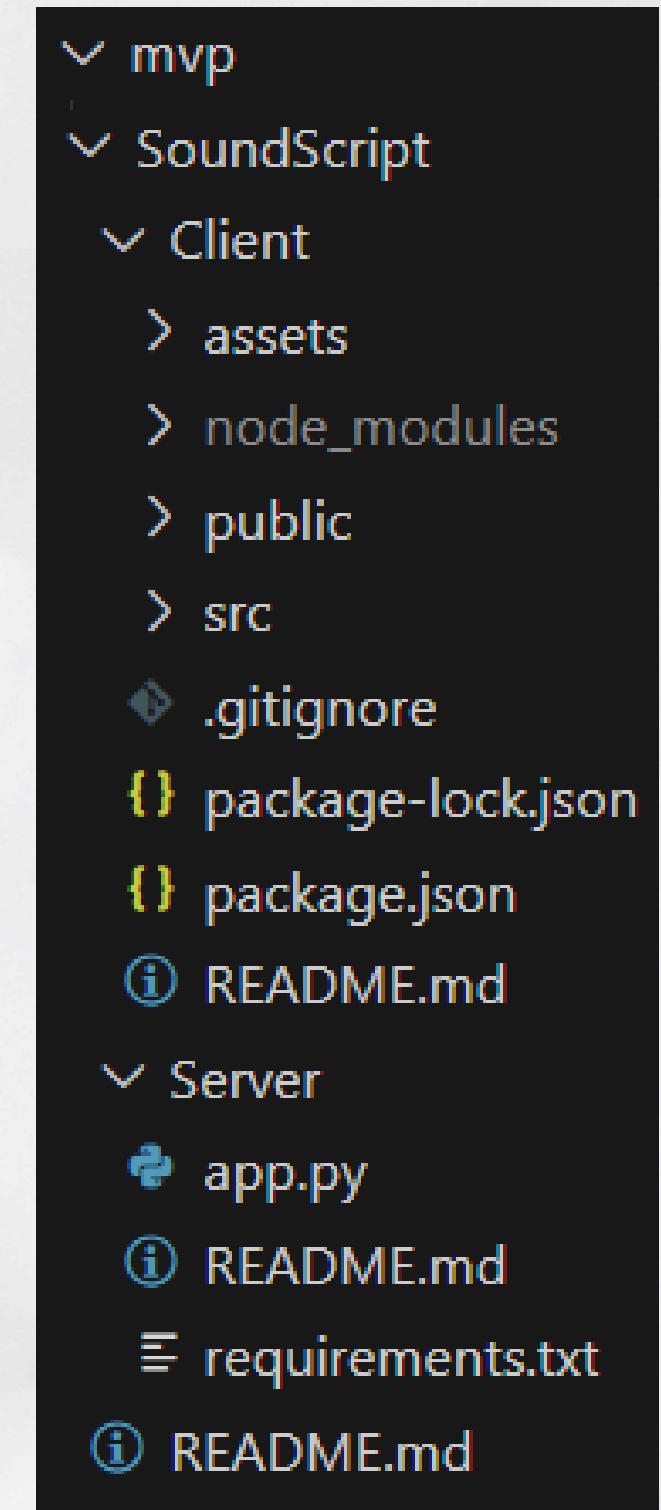
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PROJECT STRUCTURE

Key Files:

- **Server/app.py** - Contains the server code
- **Client/src/app.js** - Contains the functionalities code
- **Client/src/app.css** - Contains the styling code
- **Server/requirements.txt** - Install dependencies
- **Server/README.md** - How to run the server code
- **Client/README.md** - How to run the client code
- **README.md** - Overall review of the application



HOW TO RUN THE APPLICATION - SERVER

Steps :

- git clone <repo>
- cd Server
- python app.py

```
PS C:\Users\hi\Desktop\Whisper\mvp\SoundScript\Server> python app.py
Whisper model loaded successfully from local file.
Gemini API configured successfully.
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
Whisper model loaded successfully from local file.
Gemini API configured successfully.
* Debugger is active!
```

HOW TO RUN THE APPLICATION - CLIENT

Steps :

- open a new terminal
- cd client
- npm install
- npm start

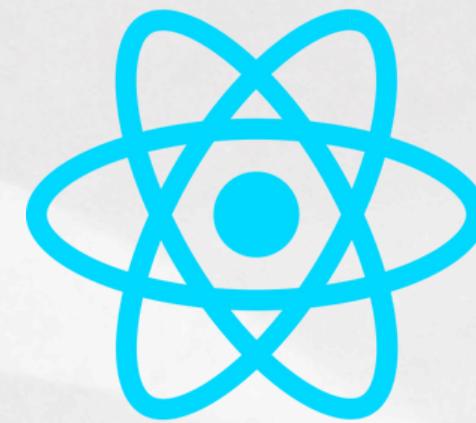
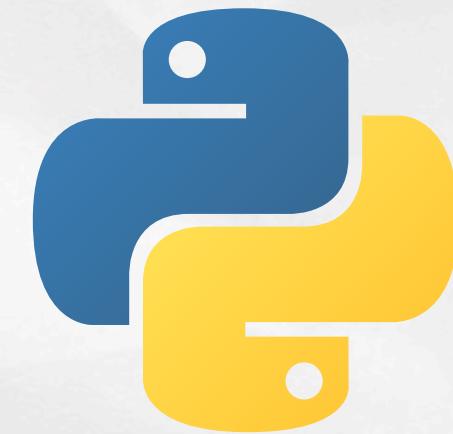
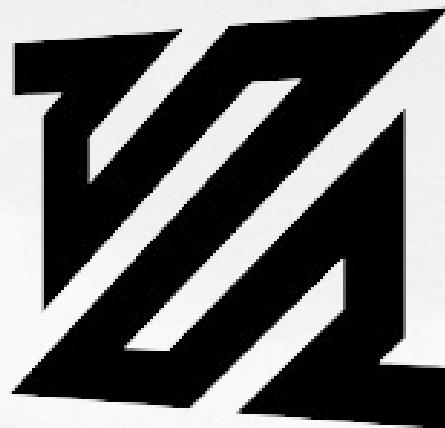
```
PS C:\Users\hi\Desktop\Whisper\mvp\SoundScript\Client> npm start  
> frontend@0.1.0 start  
> react-scripts start
```

USAGE GUIDE

1. Open the app
2. Upload the audio file
3. Click on “Transcribe” button
4. Get Transcribed Text
5. Click on “Summarize” button
6. Get Summary of the audio
7. Download the Summary Text

The screenshot shows the SoundScript app interface. At the top, there's a logo with a microphone icon and the text "SoundScript". Below that is a large blue cloud icon with an upward arrow, followed by the text "Drag & drop your audio file here or" and "Browse Files". Underneath, it says "Selected: How are you.mpp3". There are two green buttons: one with a checkmark and the text "Transcribed!" and another with a checkmark and the text "Summarized!". Below these buttons are two sections: "Transcription" and "Summary". The "Transcription" section contains the text: "Hello, David. How are you today? I'm good, thank you. How are you? I'm fine, too, What are you up? Not much, just work. And you? Same. Busy with work. It was very nice talking you too. See you around, Sarah. Bye." The "Summary" section contains the text: "David and Sarah exchanged greetings and briefly discussed their work. They concluded the conversation by saying goodbye and agreeing to see each other around."

TECHNOLOGIES USED



Gemini

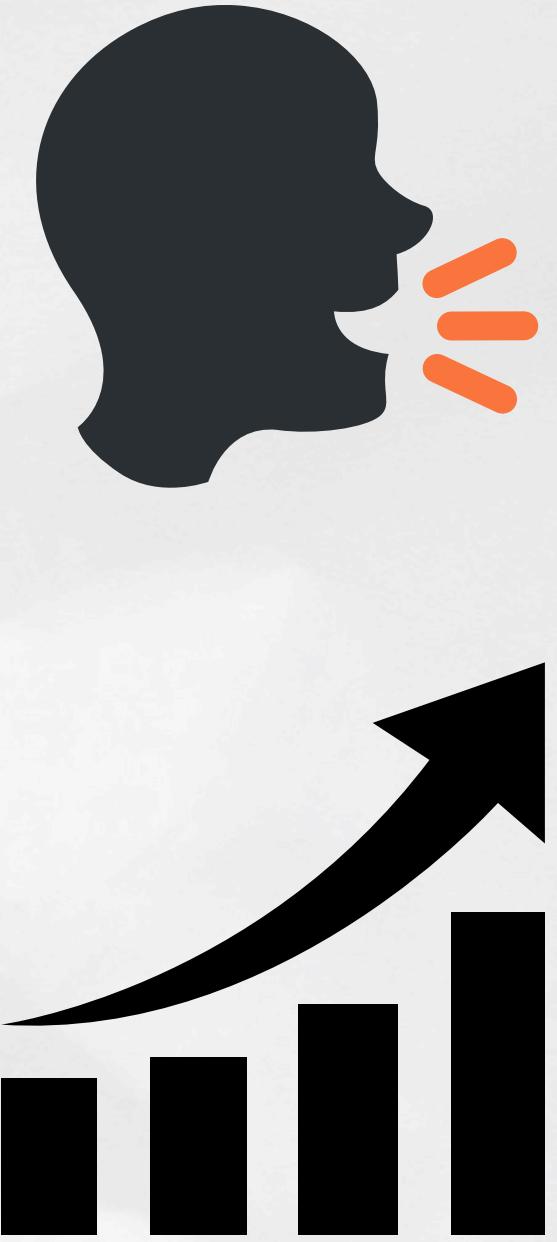
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FUTURE FEATURES

- Social Media Tool for Translation
- Sentiment Analysis
- Keyword/Topic Extraction
- Advanced Audio Pre-processing
- Real-time Transcription & Summarization
- Mobile App for iOS/Android



THANK YOU

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