

Zoom Call Recording and Transcription Tool with Authentication

Goal: Develop a tool that allows users to record and transcribe Zoom calls, and view their recordings and transcriptions on a call page. Implement authentication for user management.

Assignment:

You are tasked with building a prototype of a call recording and transcription tool that integrates with Zoom and implements authentication for user management. Your task is to implement the following features:

Authentication:

Implement authentication for user management.

Zoom Integration:

Integrate with the Zoom API to allow users to initiate and join Zoom calls directly from the platform.

Develop a Zoom bot that automatically records calls and saves them to the user's account.

Call Pages:

Develop a call page that lists all zoom recorded calls for the user.

Develop a recording interface that allows the user to listen to and see the transcription of the recorded calls.

Transcription Feature:

Integrate with Amazon or google or symbl.ai Transcribe API to automatically transcribe the recordings.

Display the transcription results on the call page for each recorded call. Like a clickable button for transcribing

Deliverables:

A fully functional prototype of the call recording and transcription tool that meets the above-mentioned requirements.

Source code and documentation for all features developed.

A report summarizing the development process and highlighting any issues encountered.

A GitHub repository with the code for the prototype.

A deployed version of the prototype with a public URL.

Timeline:



The interns will have 2 Days to complete the task.

Evaluation Criteria:

Code quality: Is the code well-organized and maintainable?

Functionality: Does the prototype meet the requirements specified above?

Design: Is the dashboard visually appealing and easy to use?

Deployment: Is the prototype deployed to a public URL and accessible to others?

Assignment Submission: through email (aadarshkumarhappy@gmail.com) or WhatsApp (+919852012648) or you can submit on Internshala.

Note: The assignment's goal is to provide the intern with an opportunity to gain experience with the technologies involved and develop a basic understanding of the platform's functionality.

Pages: Call, Recording interface

Integration: zoom (with bot recording features), Amazon transcribe or google transcribe or syml.ai,

Design Link Video:

<https://www.veed.io/view/12f28c9b-65e7-413d-b989-99e39fb5bae2?panel=share>

Hint:

You can use any saas starter kit for authentication pages.

<https://github.com/smironov-am/awesome-saas-boilerplates>

You can use MERN stack