

Summary Report of Work Completed on Day 13

- ☐ I worked on building a comprehensive audio processing and summarization system using a variety of tools.
- ☐ For transcription, I used Whisper to convert speech to text efficiently.
- ☐ I integrated PyAnnote for speaker diarization to distinguish between different speakers in the audio.
- ☐ I used the Pegasus model for text summarization to generate concise summaries of the transcribed content.
- ☐ To handle long audio recordings (up to 6 hours), I focused on optimizing the pipeline to ensure smooth processing.
- ☐ I implemented real-time transcription functionality using PyAudio, aiming to enhance performance and reduce processing time.
- ☐ On the front-end side, I began developing an interface to allow users to select audio files and view the generated summaries.
- ☐ I worked on the backend with Flask, specifically using the back_try.py file to handle audio processing and summary generation.
- ☐ The front-end interface, using front_try.html, serves as the user interaction layer, bridging the backend with a simple and efficient solution for meeting minutes generation.