

Summary Report of Work Completed on Day 14

☐ **Patent** **File** **Forms:**

I started writing the forms and documentation necessary for filing a patent. This involved gathering technical details about the project and its unique features to ensure that the patent application covers the innovative aspects of the work. I reviewed the guidelines for the patent submission process to ensure that all required information was clearly articulated.

☐ **Explored** **Hugging** **Face** **for** **Pegasus:**

I also spent time researching and exploring how to use Google's Pegasus model effectively via the Hugging Face platform. I looked into leveraging the API provided by Hugging Face for easy access to the pre-trained Pegasus model, focusing on how to integrate it into my existing project for text summarization. The goal is to streamline the summarization process, allowing for quick and accurate generation of summaries from transcripts.

☐ **API** **Integration:**

I explored the various API methods available for interacting with Hugging Face's models, including how to fine-tune or customize Pegasus for my specific use case. I worked on understanding how to send requests to the API and process the responses to fit seamlessly into the back-end of my system. This will allow me to scale and automate the summarization process as part of the larger audio transcription and meeting minutes generation workflow.

☐ **Project** **Development** **Continuation:**

Alongside these tasks, I continued refining the integration between the front-end and back-end systems, ensuring the seamless flow of data between the user interface and the backend processing system. I tested various interactions and ensured that the user experience was smooth when selecting audio files and receiving summaries.