What the app is about :

The app contains 2 interfaces – a chat interface and a note interface.

Chat interface allows users to use multiple input and output modes that will enable the specially abled to have equal access with LLMs for their study purposes.

The note interface helps students to take notes realtime by conversion of audio to text and users can also save it.

**Note:**

**For running the program** – **activate the python env** in the env folder and then run :

**py launch\_window.py**

This will launch the home interface from which you can access both chat and notebook interface.

* You can also install all the packages in requiremets.txt and run the same file in your system without activating the environment.
* Currently the model only understands English language
* .txt and .docx files are the only format that the uploader supports now
* When using the camera for sign language detection, make sure that it is a well lit background and the video is clear.
* Show the sign appropriately as given in the references folder for accurate detection of signs. There is also a sign for the removal of letters and another one for putting space. Also try to sign with right hand as it gives better results.
* For input audio mode and notebook interface– use better microphones for the best result.
* In output audio mode, the play button turns green when the output audio is ready. Only play the audio after that.
* In output mode – sign – it returns signs accompanied with text for 2 purposes : 1. For better understanding for those who don’t know the signs and 2. Specially abled students who know fingerspelling can learn English letters and words.
* In note interface , the bottom window, where the text is stored can also be manually edited by the user.