

Description: We are building an interactive study planner where users can upload transcripts, documentations, text, etc. into the model and the model will be able to answer questions asked by the user based on the information given. This will allow users to quickly get information regarding questions they have. The purpose of this tool is to help users study and learn the course content quicker.

See file 410\_Project.ipynb for our code

1) Which tasks have been completed?

- Unzipped transcript files to use, only for week 7 currently
- Viewed the overview questions
- For each question, determined the documents that are most likely to contain an answer to one of the questions from the overview
- Parsed the guiding questions and answers
- For each question in the Overview Guiding Questions, had GPT generate answers using the top 3 documents as context
- Created a multiple choice quiz based on the above output questions and answers
- Ran a good experiment

2) Which tasks are pending?

- Download and extract information from all the weeks
- Fine Tuning of our model
- PDF Parsing to parse textbooks and their images

3) Are you facing any challenges?

- PDF parsing will require significant work and code to make it work effectively
- Our model has some hallucinations we need to clean up