**CS Tutor AI Project**

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**Functional Requirements:**

1. The user will be able to register to the system. While registering, the system will ask from the user the following details: Name, phone number, university name, studies subject
2. The registered users details will be saved into a database.
3. The user will be able to enter the system without registering as a guest, with providing only the studies subject
4. The user will be able to upload up to 5 pdf files, containing summaries related to the student’s studies subject. The files will have a size limitation.
5. The system will be able to convert PDF files to Json files.
6. When the user will interact with the chat, he will have two possible request types:
   1. Create a united summary from the PDF filesGenerate questions according to the amount requested by the user, in different levels, about the studies metirials and provide matching answers to self checking
   2. The user will be able to feedback the system’s output, such as: ask for specific summrization length, ask for including / excluding specific topics, ask for more details, ask for different / more questions, etc.
7. The system’s output will be saved only during a single session.
8. All users’ summarizations and questions (and matching answers) created by the system will be saved to a database.
9. The system will be able to recommend the user similar summarization/ questions from other users history (from the database).