

Project 5: Generate tests

Students:

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Tasks:

- The application must generate exams based of the student's courses with different grades of difficulty having a domain specified, like maths, sciences, history, etc. (for ex: 5 questions for easy difficulty, 10 questions for medium difficulty, 5 questions for hard difficulty)
- The application should generate the solutions for each task of the exam after the generated exam is downloaded if you press the button "Generate solutions".
- The application give instructions for each question. (ex: "This question have multiple choices.", "This question is a True/False")
- Code implementation using Python.
- LLM configuration with Langchain.
- Interface implementation using Streamlit.

Features:

- Ability to create new chat.
- Ability to save a chat, delete a chat, bookmark as favorite a chat, archive a chat.
- Ability to insert photos/documets and take the information it needs.
- Can access the Saved, Favorites, Downloads, Archives via Menu and see those chats as a list.
- The applications asks user how many question does he wants, if not the application generate a fixated number of question or even if the user forget to mention something like difficulty, the chatbot will ask for it.



www.url.com



← Chat 1 🗑



Creation date



Chat 1



Chat 2



Chat 3



Chat 4



Insert text here





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Saved



Favorites



Chat 1



Chat 2



Chat 3



Chat 4

Downloads

Archives

← Chat 1 



Creation date



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