

# RAG:Case Study (Take-Home)

## Scenario:

"You are building an AI-powered learning assistant for students. The system should:

1. Extract handwritten notes in English using open-source models.
2. Generate MCQs based on the content.
3. Allow students to ask questions and get answers based on their notes.
4. Evaluate student responses and recommend specific sections of the notes for review."

## Task:

- Build a small prototype.
- Use open-source models.
- Generate at least 3 MCQs from the extracted text.
- Allow a user to ask a question and get an AI-generated answer.
- Submit code with explanations of design choices.