



coursepilot

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context

- many emerging tools and frameworks for enhancing LLM responses (RAG)
- providing value to students by making learning more engaging and effective



OpenAI

Gemini



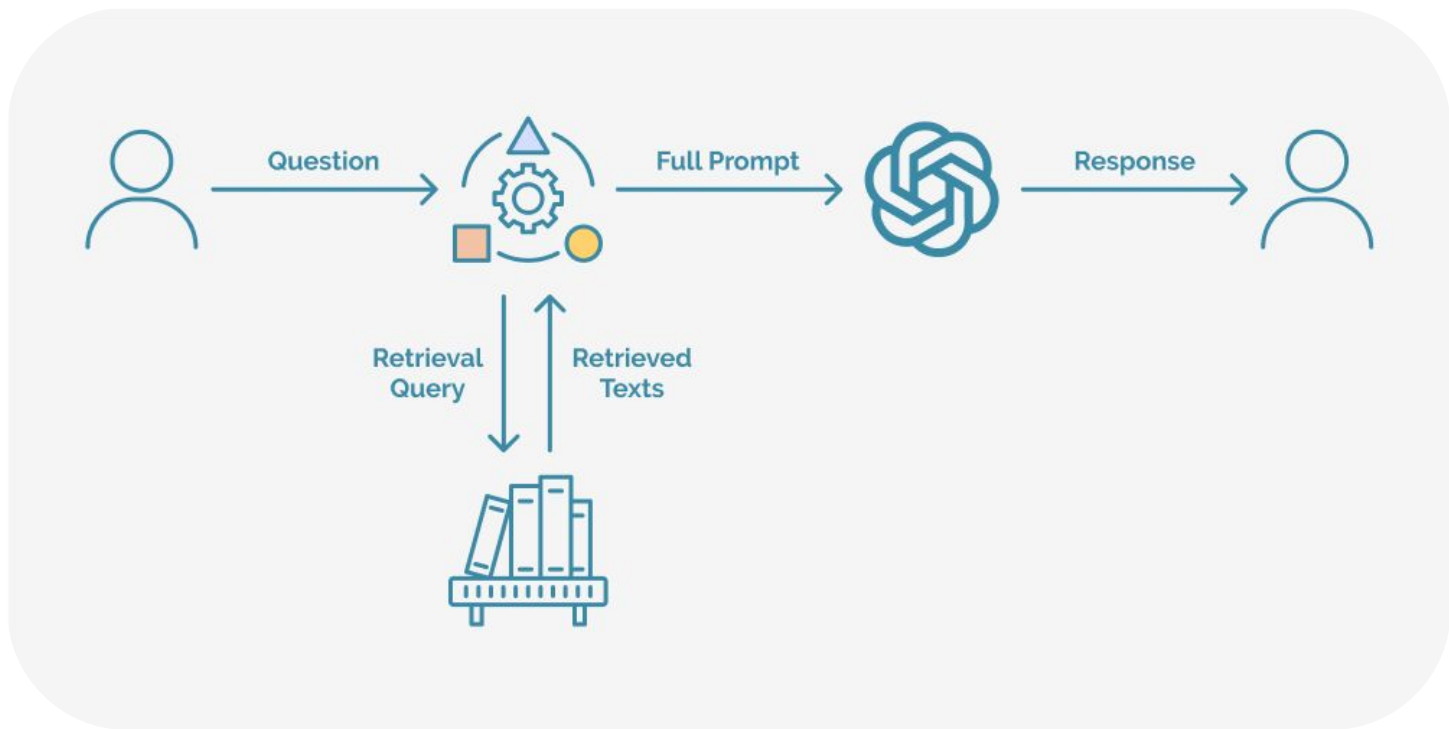
LlamaIndex



Claude



what is RAG?



our goals

- accelerate note taking using AI
- provide study tools and jumpstart presentations/projects
- enhance learning, not avoid it



features

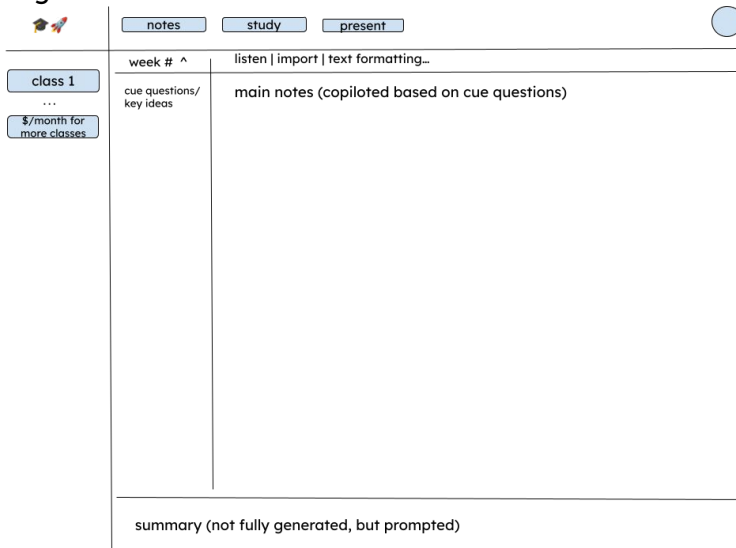
- autocomplete/intellisense for notes based on slides, notes, and what it's heard previously
- generation of follow up questions and flash cards to reinforce learning after the lecture
- templates for structured notes (such as generating notes in certain templates from given basic notes, e.x. cornell)
- import handwritten notes/your lecturer's slides to unify with your online notes
- “additional context” recommendations from your notes



coursepilot's autocomplete demo (gemini 1.5 flash)



rough ui mock



tech stack

frontend

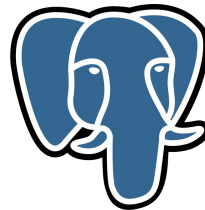


- routing/API
- middleware
- interacting w/db



// shadcn/ui

backend



Flask

Gemini



why?



questions?

