Group 8

SylliAI

Using AI models with large context windows to analyze your syllabi.

APRIL 22, 2025

THE PROBLEM

Teachers...

- Need an easy way to share course policies
- Don't want to waste time after "Silly week"

Students...

- Have questions about their syllabus
- Need to accurately understand it

🔗 EvoLLLution Article

Our **Solution**

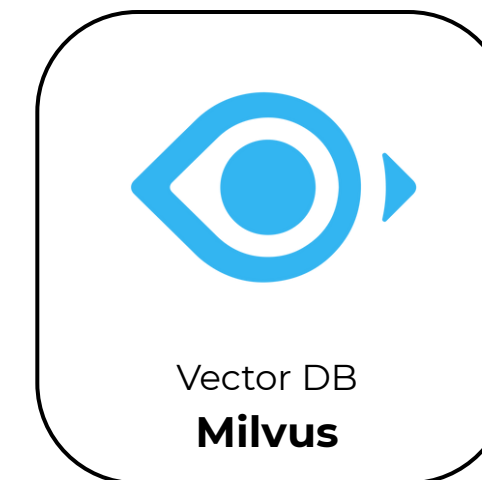Students need to easily understand their syllabi

Students need to easily access all their syllabi

No more flipping through Canvas Pages

AI can easily summarize the syllabi

Architecture + Tech Stack

We designed an MVP that solves the problem in the most efficient way possible, prioritizing an accurate, simpler architecture over a more complex one.

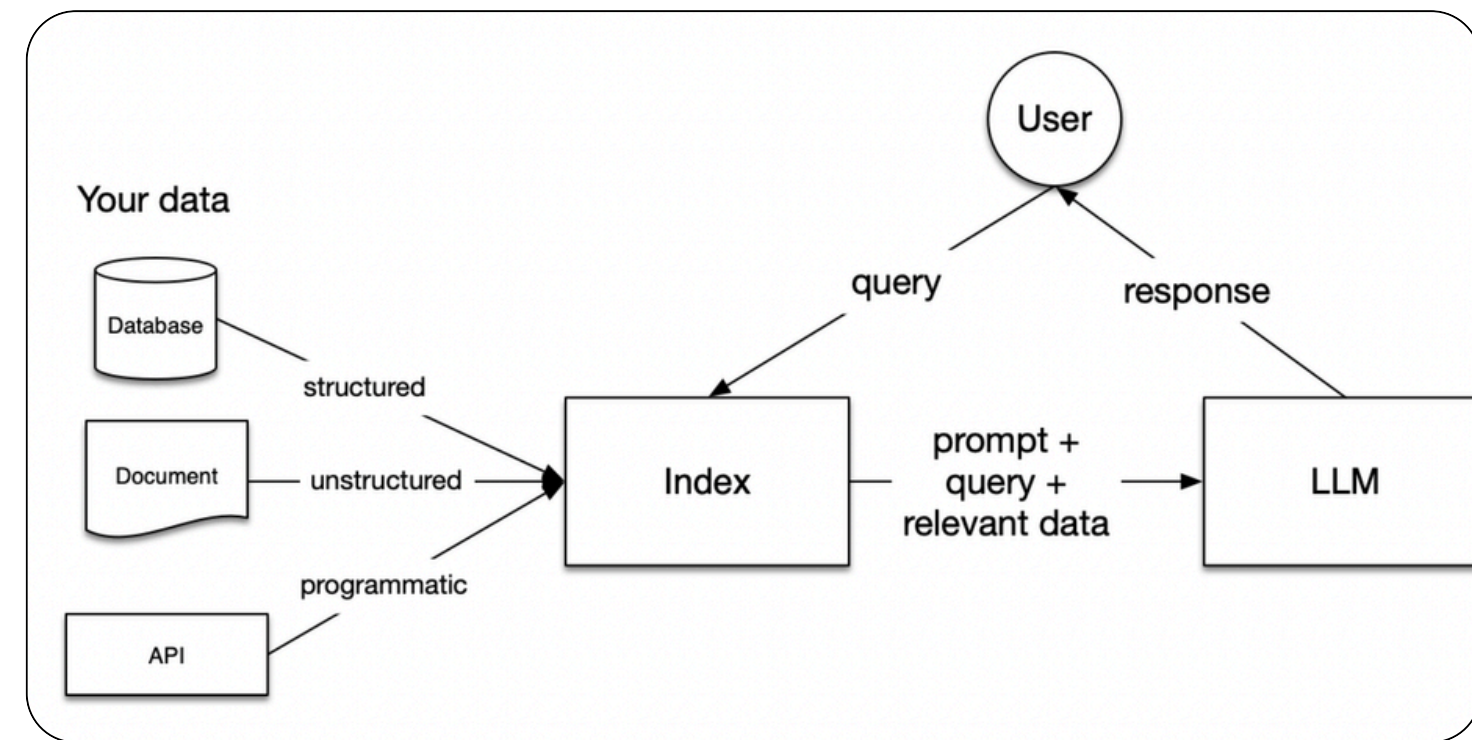| UI **Tailwind.css**	Backend **Flask**	LLM **Gemini 2.5 Pro**	Hosting **Heroku**	Vector DB **Milvus**	Database **Supabase**

Why not RAG?

Non-ideal Chunking

Chunking with syllabi loses context

Larger Context Window

Gemini 2.5 Pro released
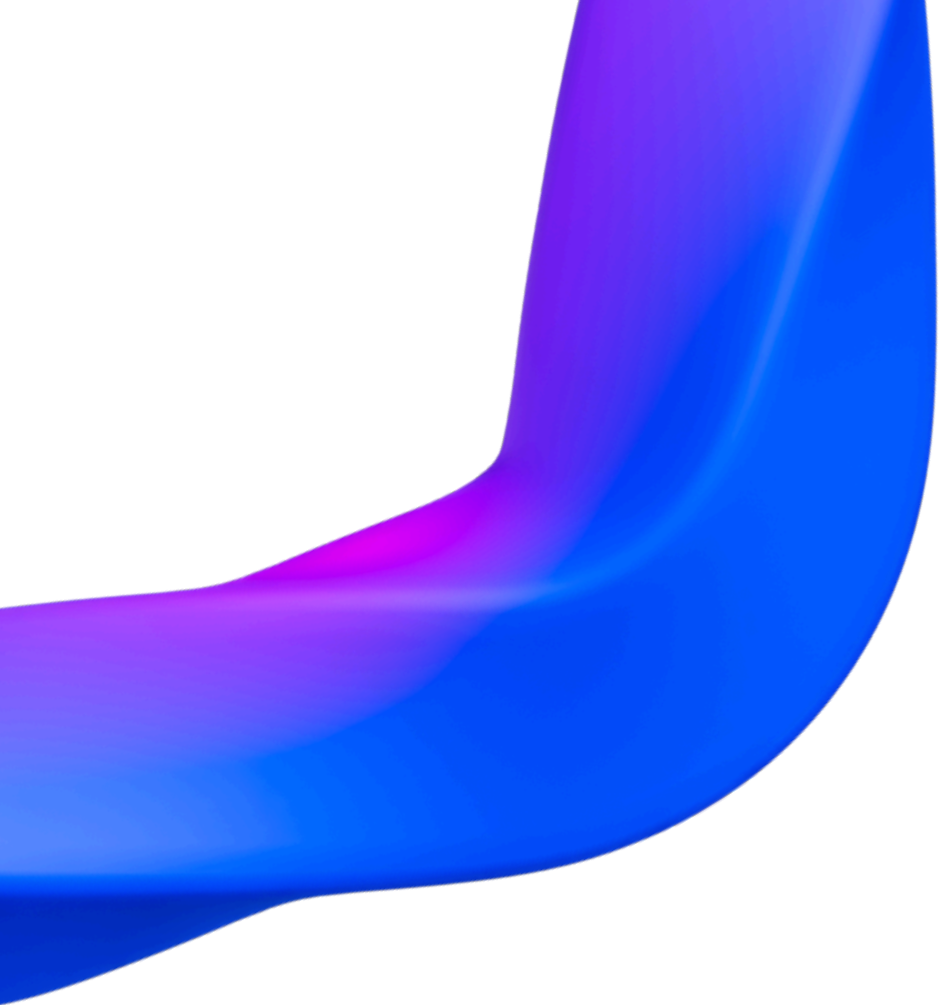
Slower Prompt Overhead

Querying a Vector Database takes time

Challenges Faced

- **Communication barriers**: We did not have a controlled communication system

- **Gitlab Features**: We weren't used to using GitLab

- **File Formats:** We couldn't process common syllabus types

The Demo

🌐 https://mighty-beach-05502-33477b0b4d40.herokuapp.com/