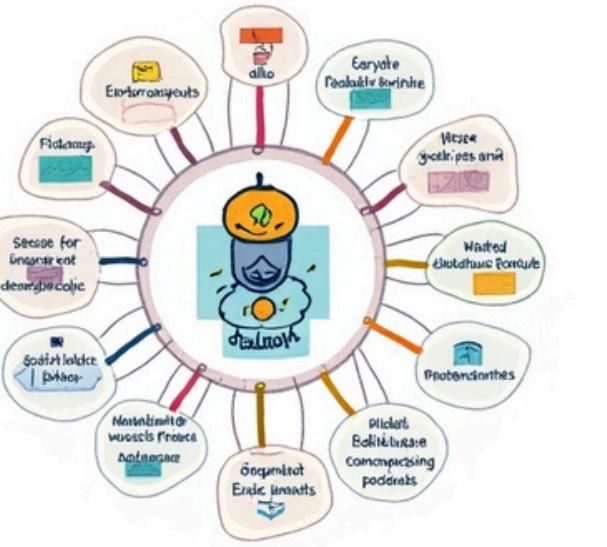
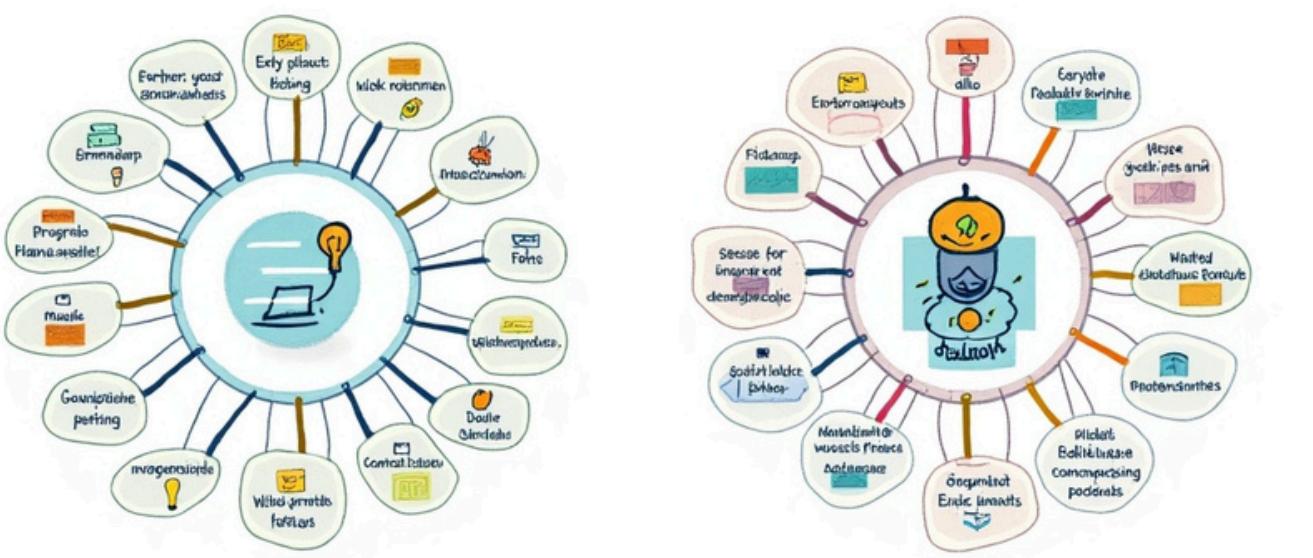


MINDTUBE

TEAM 4

Table Of Content

- Introduction
- Story
- Solution
- Technology
- System architecture
- Results achieved
- Summary



Our team



Tran Van Khoi



Nguyen Duc Binh



Pham Quang Huy

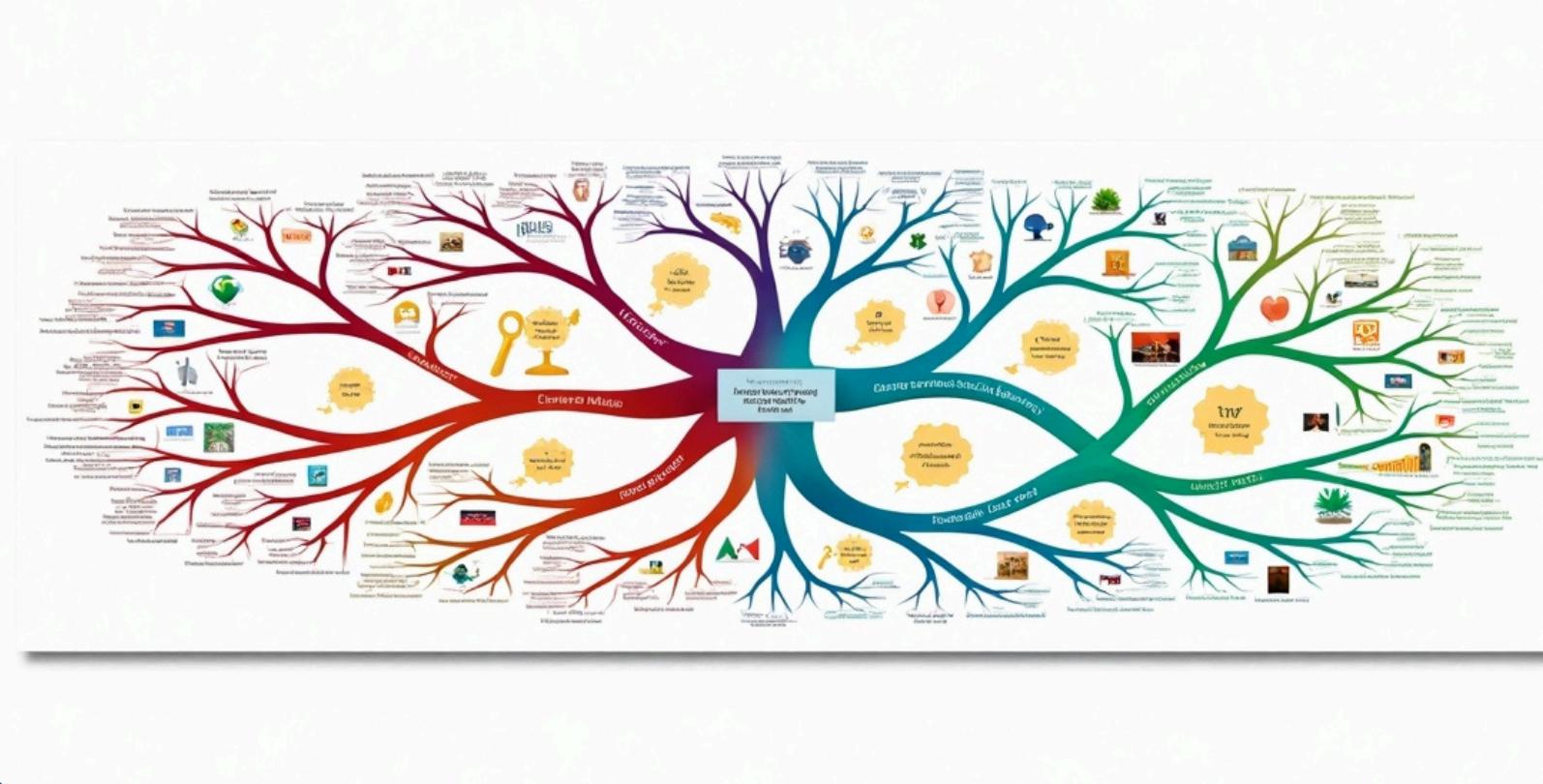
The team consists of programmers from different programming fields such as Web fullstack, AI, LowCode, Information Security,...



Nguyen Ngoc Bach Nguyen Minh Quang



About the Project



- Summarize YouTube videos efficiently with mind maps for better understanding, recall, and clarity.
- Perfect for content creators, marketers, and learners to gain structured insights.

Story

01. **Time-consuming**

Takes more time to search and filter out important parts

02. **Difficult to focus**

Easily lose focus, miss key information, or get bored easily.

03. **Urgent information**

Inconvenient and time-wasting to grasp the main information of the video urgently.



Solution

Video Summary

Analyze and summarize video content from YouTube using links

Mind Map Creation

Convert key points into a clearly structured mind map



Technology

01. Front-end

HTML
CSS
JS

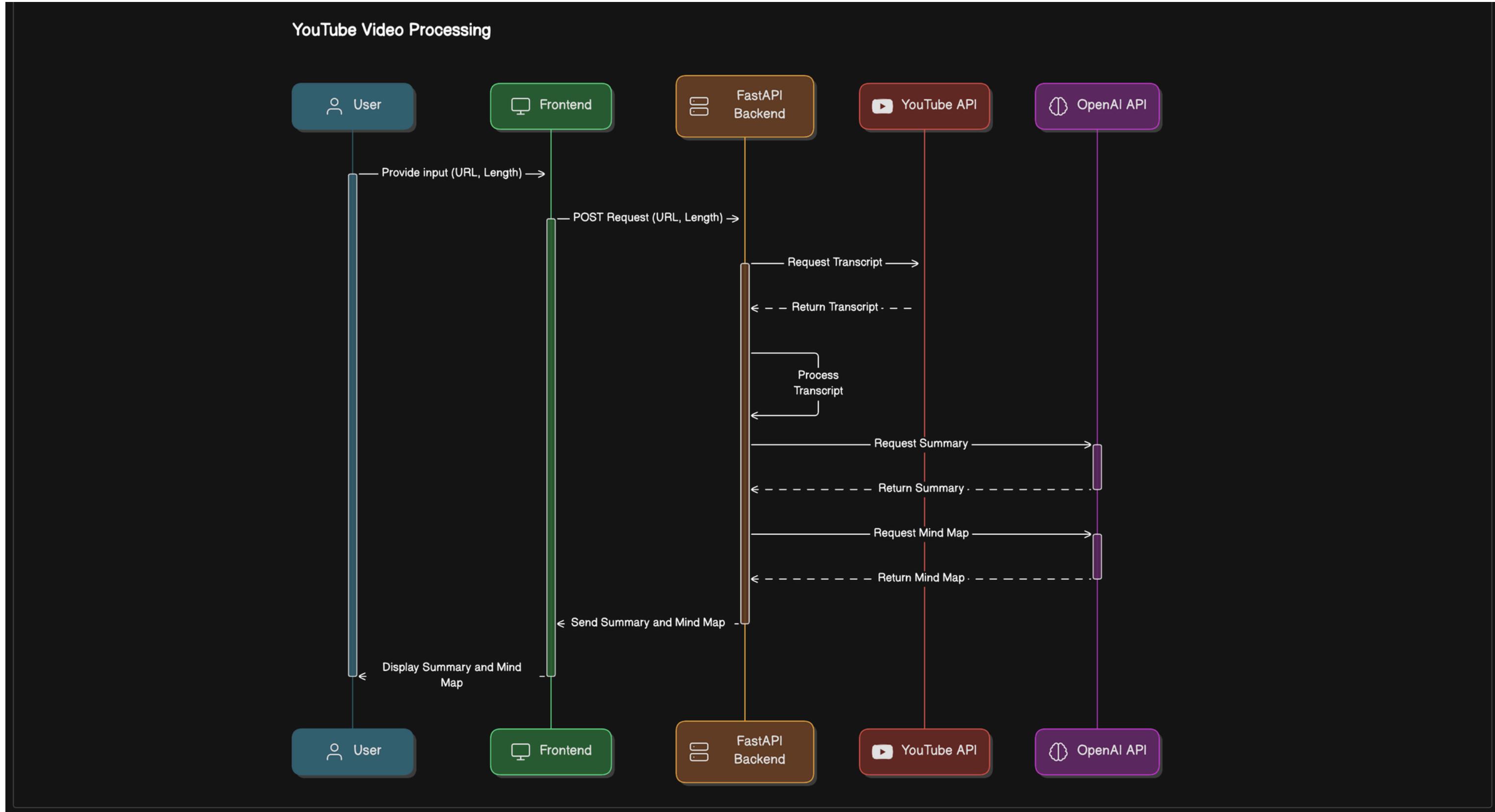
02. Back-end

Python
API:

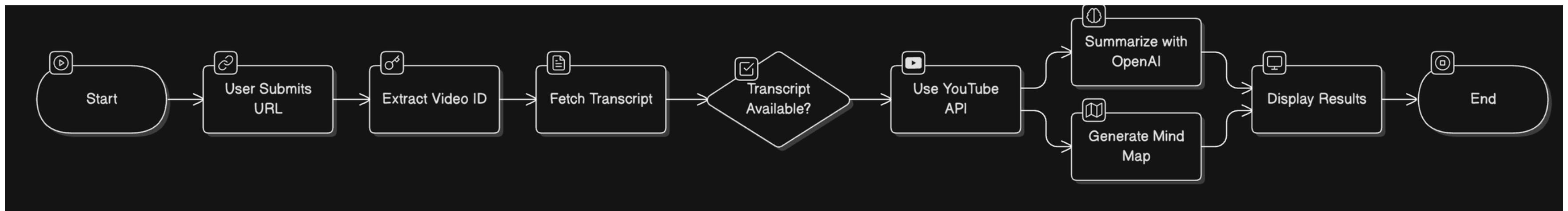
- flask
- youtube_transcript_api
- google.generativa
- re



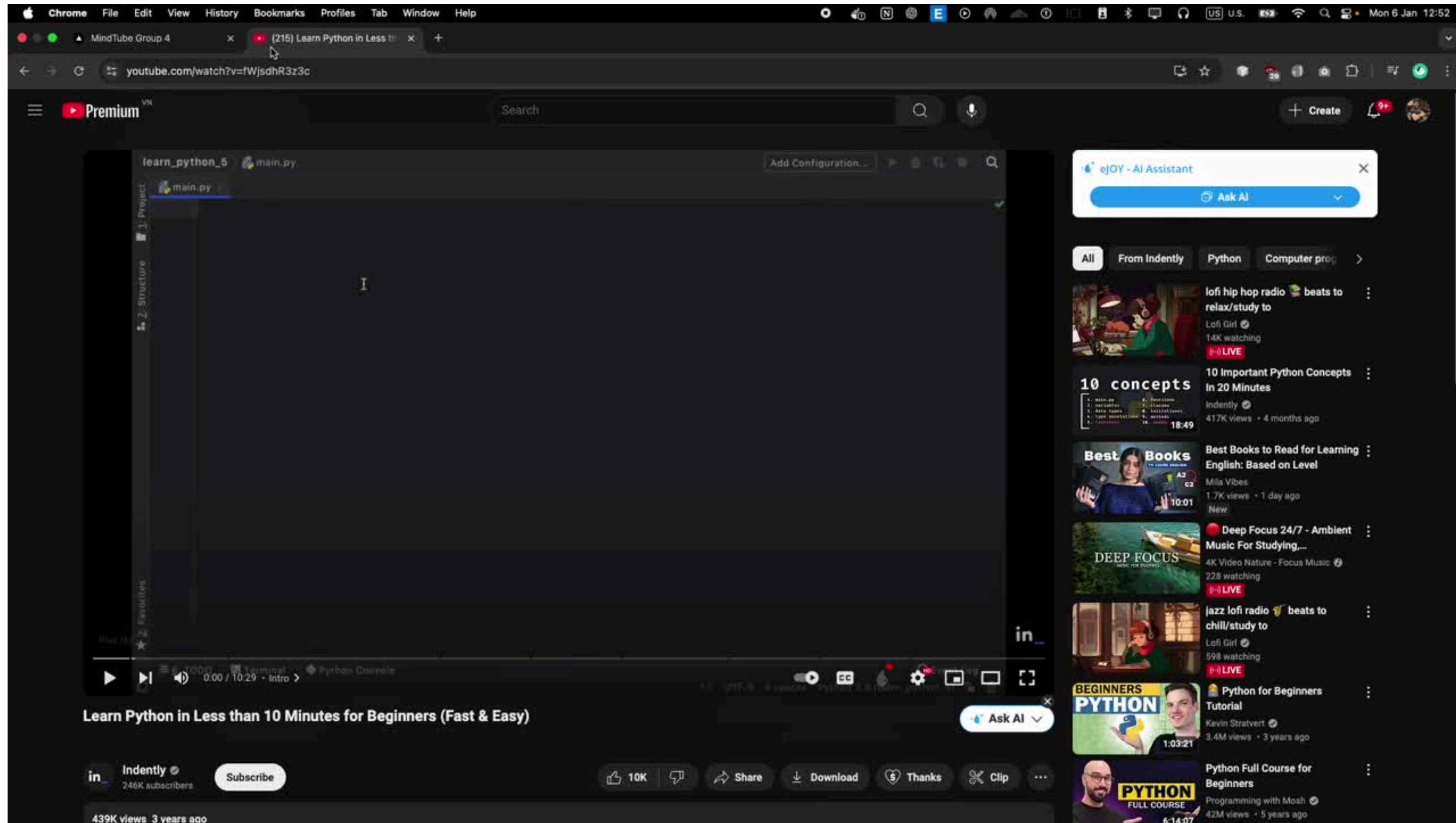
Sequence Diagram



Flow Diagram



Demo



Conclusion

- Use AI to summarize YouTube video content and convert it into a visual mindmap.
- Improve your ability to present and remember ideas.
- Add multi-language support and sentiment analysis
- Upgrade gpt package to improve response



The background features a complex, abstract architectural design composed of numerous thin, light-colored lines forming a grid-like structure. This structure is overlaid by several thick, dark blue diagonal bands of varying lengths. One band runs from the bottom left towards the top right, while others are positioned more vertically or at different angles. The overall effect is a modern, geometric, and slightly industrial aesthetic.

THANK YOU

TEAM 4