**Breakdown Documents into Study Notes**

using Templating MistralAI and Qdrant

What does this do?

* **Folder Monitoring:** It keeps an eye on a specific folder ("/home/node/storynotes/context") for any new files you add.
* **Document Import & Type Detection:** When a new file appears, it reads the file and figures out if it’s a PDF, DOCX, or plain text so it knows how to extract the content.
* **Content Extraction:** Depending on the file type, it pulls out the text from the document.
* **Metadata Setup:** It grabs important details like the file’s name, its path, and even assigns it a project label based on where it’s stored.
* **Summarization & Vectorization:** An AI summarization chain creates a neat summary of the document. It then splits the text into manageable chunks and converts these chunks into vector embeddings, storing them in a vector database (Qdrant) for efficient retrieval later.
* **Template Definition:** It defines a set of templates—like a Study Guide, Timeline, or Briefing Document—that you can use to generate different types of notes.
* **AI-Driven Note Generation:** For each template, the workflow uses AI agents to “interview” the summary (i.e., ask key questions) and then generate a detailed, markdown-formatted note that fits the template.
* **Exporting Notes:** Finally, it writes these generated documents to your system, saving them in a folder with a name that reflects both the original file and the type of note.