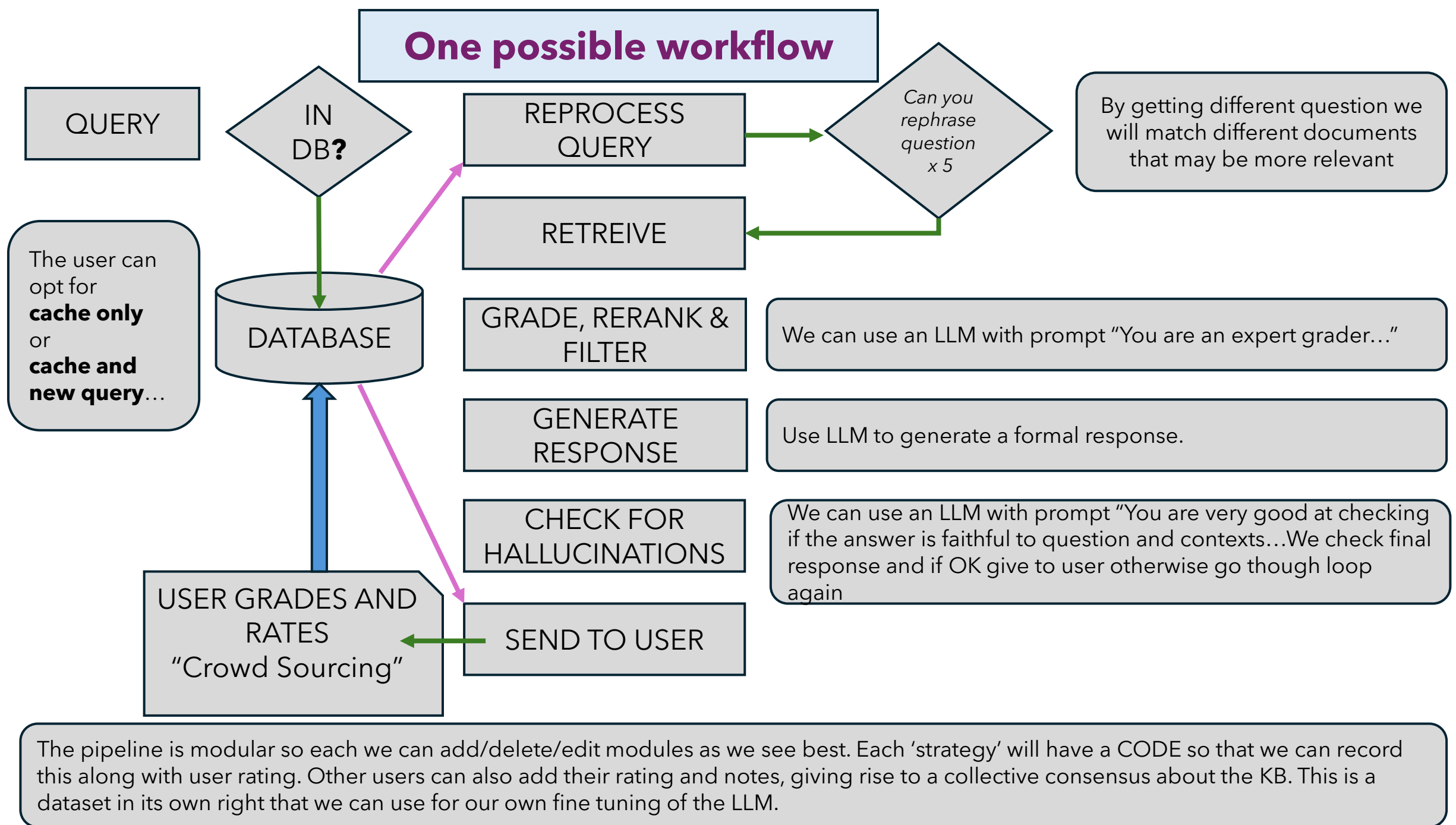


One possible workflow



Traditional keyword search capabilities using BM25, Tokens and NLP.

Semantic search using Vector Databases for Retrieval Augmented Generation.

These two creating Hybrid Search.

Splitting PDFs and other document types not atomic elements – images transformed to text by LLMs, tabular data extracted and interpreted by LLMs.

Crowd-sourced feedback from users creates store of FAQs for future use as well as user rating for **is_accurate**, **is_complete** and **is_relevant**. This will become a dataset for future ML as well as fine tuning of current LLMs and serve as a community ranking system for Q & A.

Use of AI Agents to enable workflows to create and evaluate reports etc. Use of Langgraph to convert flowchart processes into programmatic code.

Use of Graph Databases to explore relationships between entities not just the entities themselves – both within document and between all documents.

