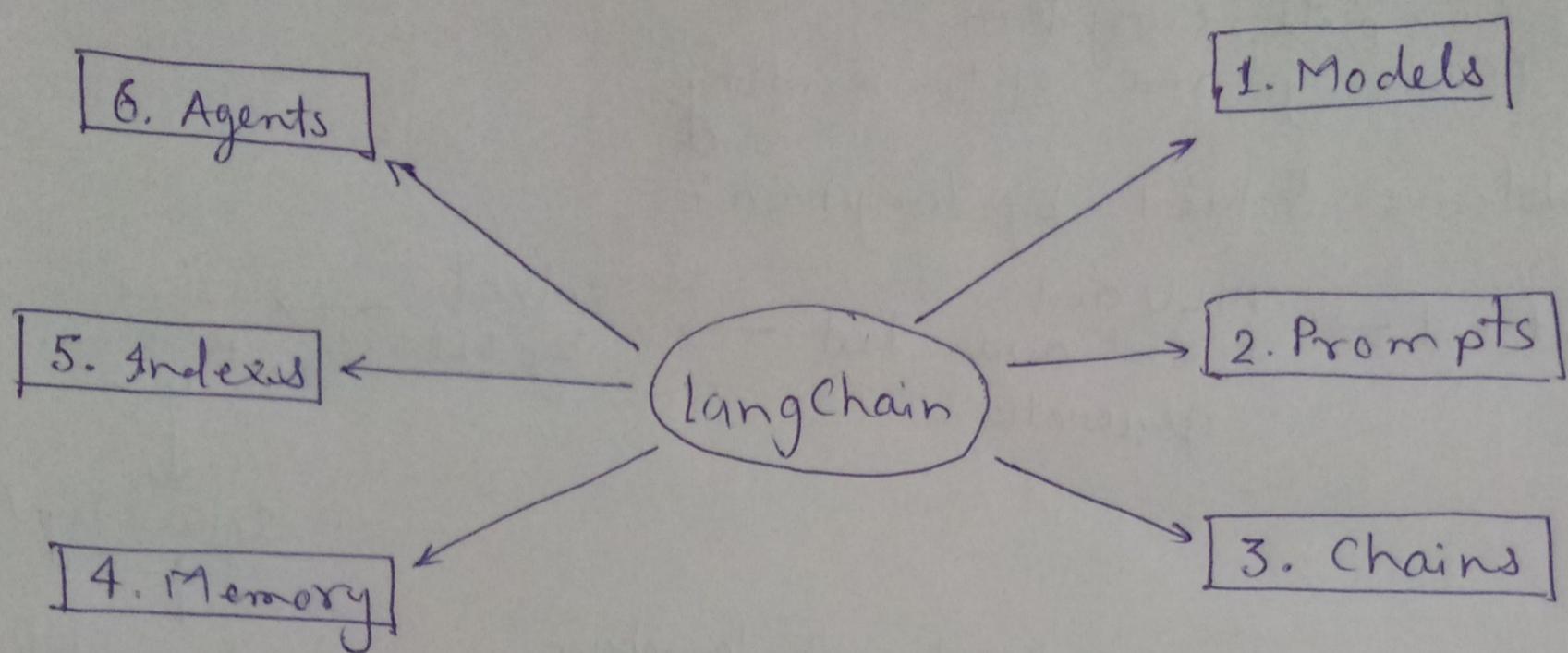


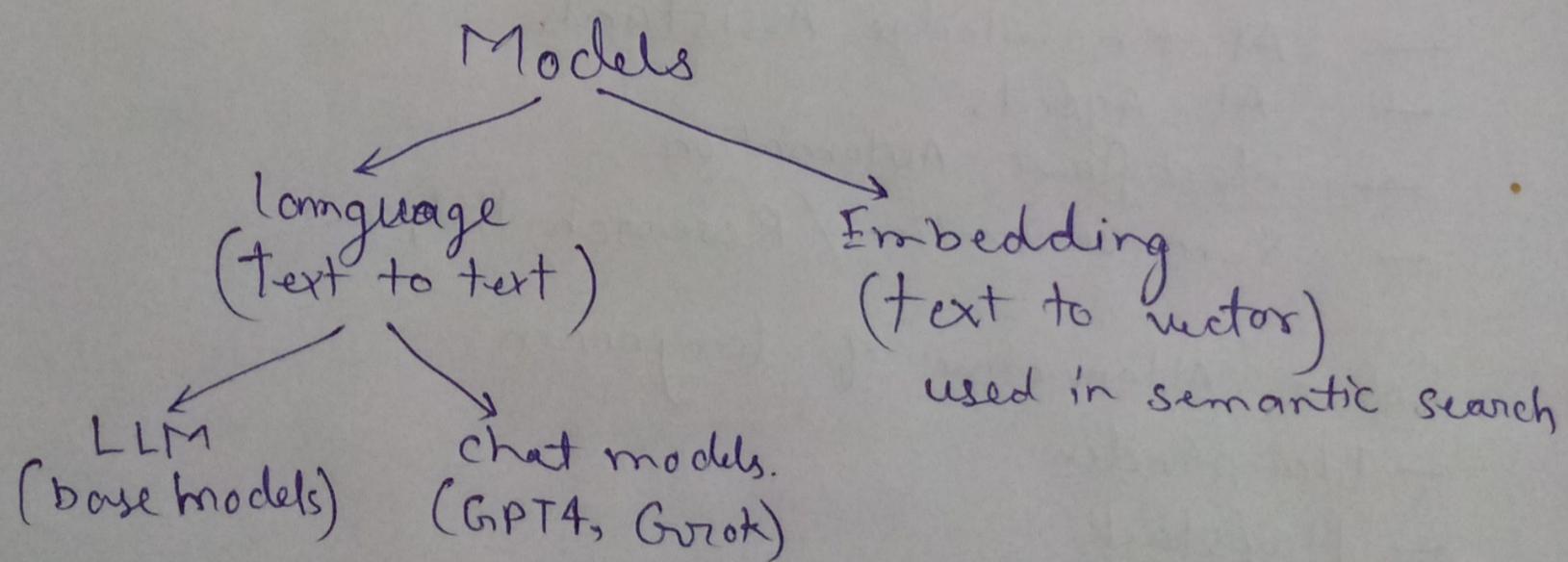
01 Jan 2026

LANGCHAIN COMPONENTS



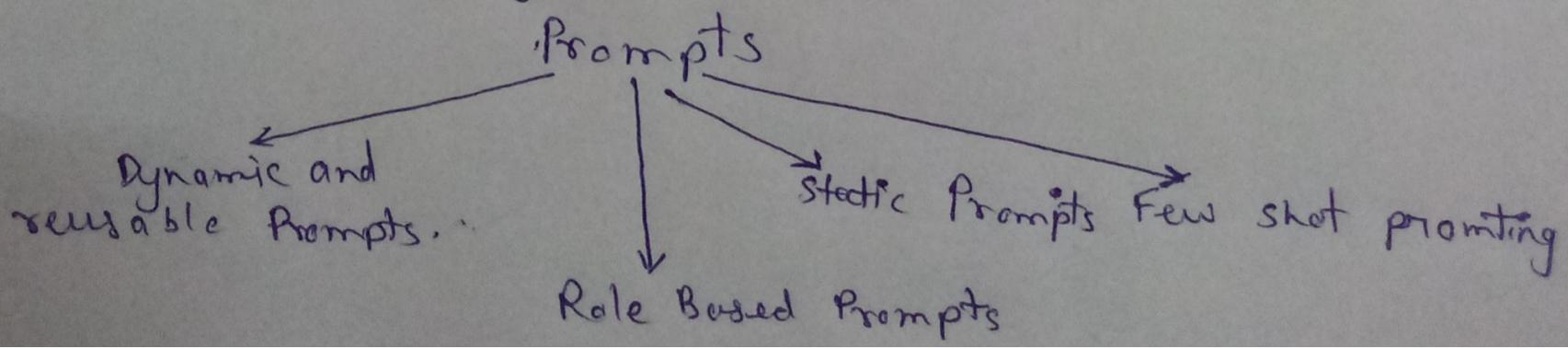
1. Models:

- In LangChain "models" are core interfaces through which you interact with AI models
- it designed to interaction with language and embedding models



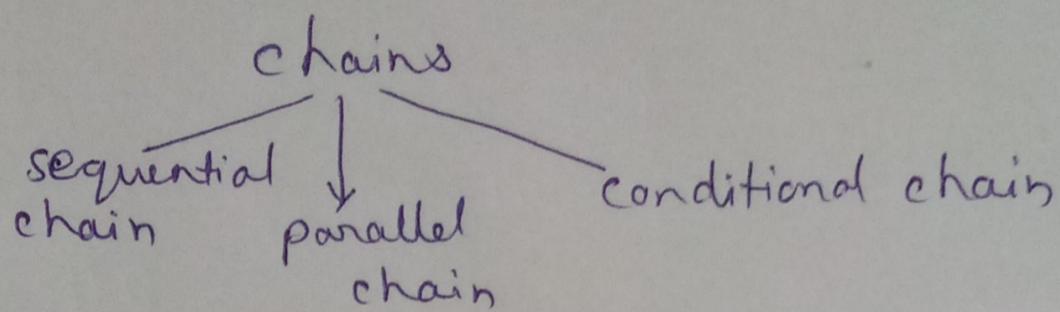
2. Prompts:

Input provided by user.

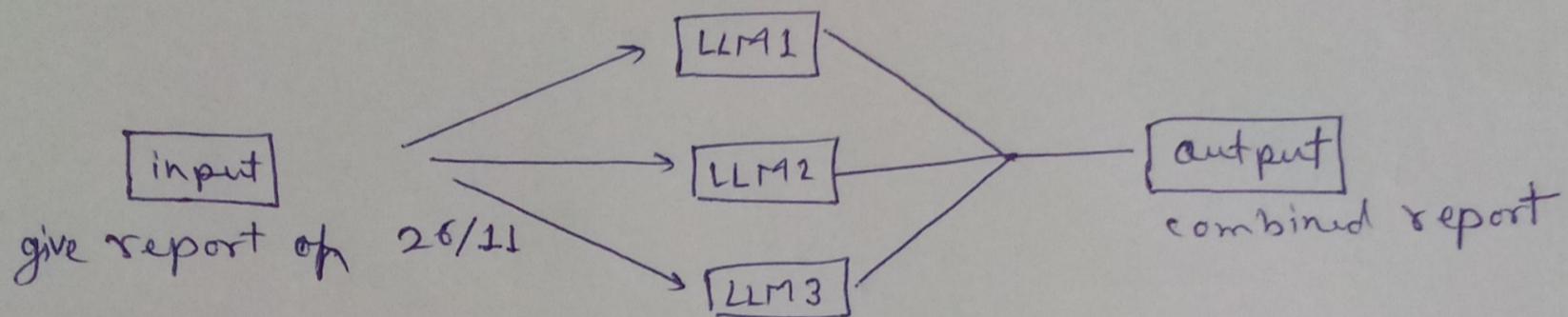


3. Chains:

it is used for build the pipeline of the project.
Here the stage of one output become other's input

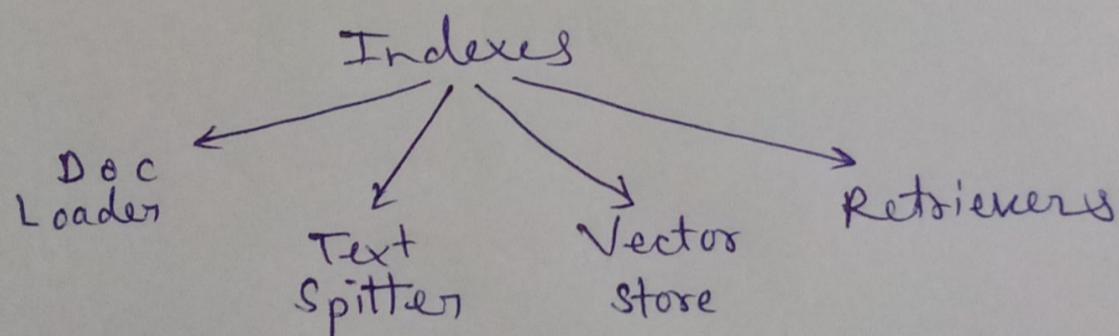


example of parallel chain.



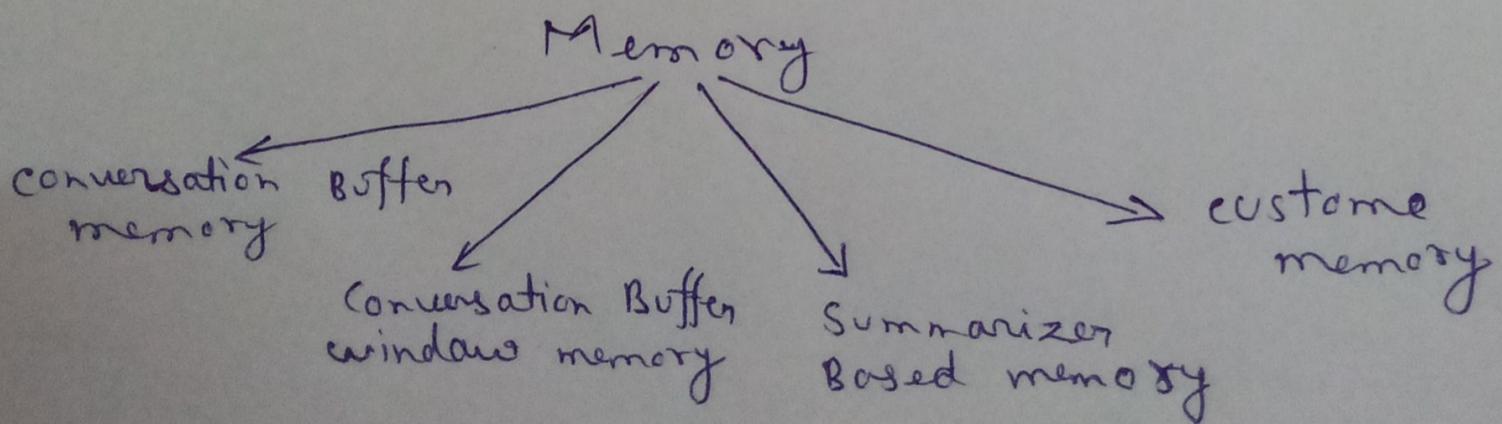
4. Indexes:

Indexes connect the application to the external knowledge such as PDFs, website or database.



5. Memory:

- each request are independent to each other, current request not have knowledge of previous one if we use the LLM's API.
- LLM API calls are stateless



6. Agents:
AI agents have reasoning capabilities and tools.