

Groq AI

End-To-End Modular AI Medical Assistant



@sn-development

with Deployment

Content :

Chapter1 : Concept Revise

Chapter2 : Technical Architecture & Core Modules

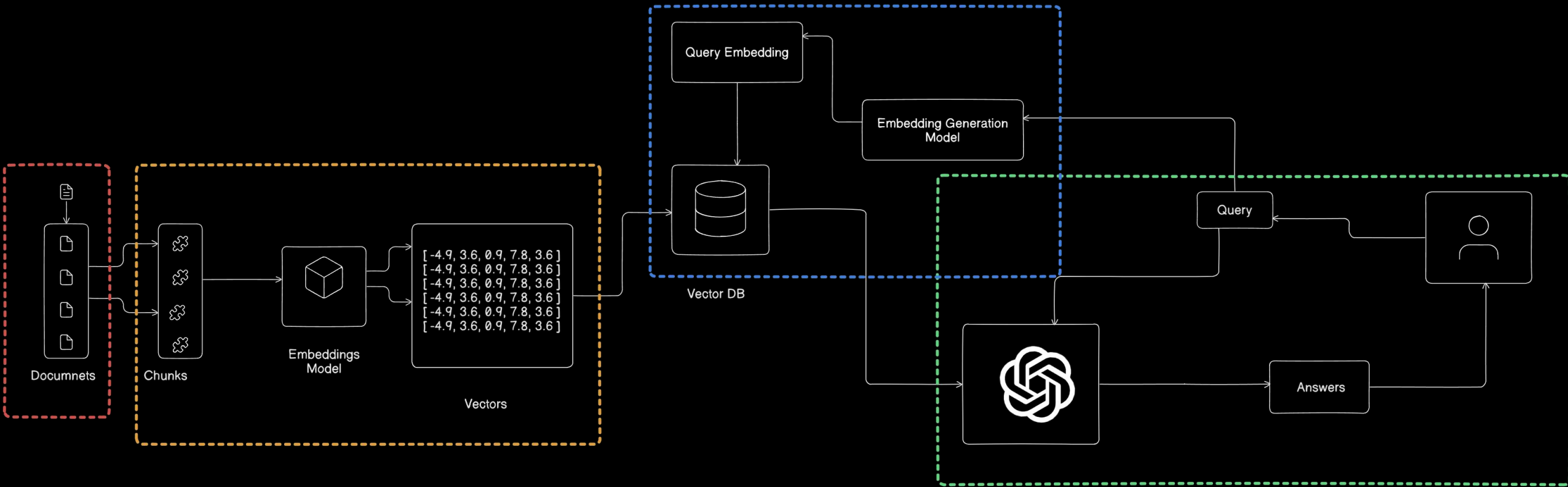
Chapter3 : Prerequisite ,Setup & Installation

Chapter4 : Server side Programming

Chapter5 : Client side Programming

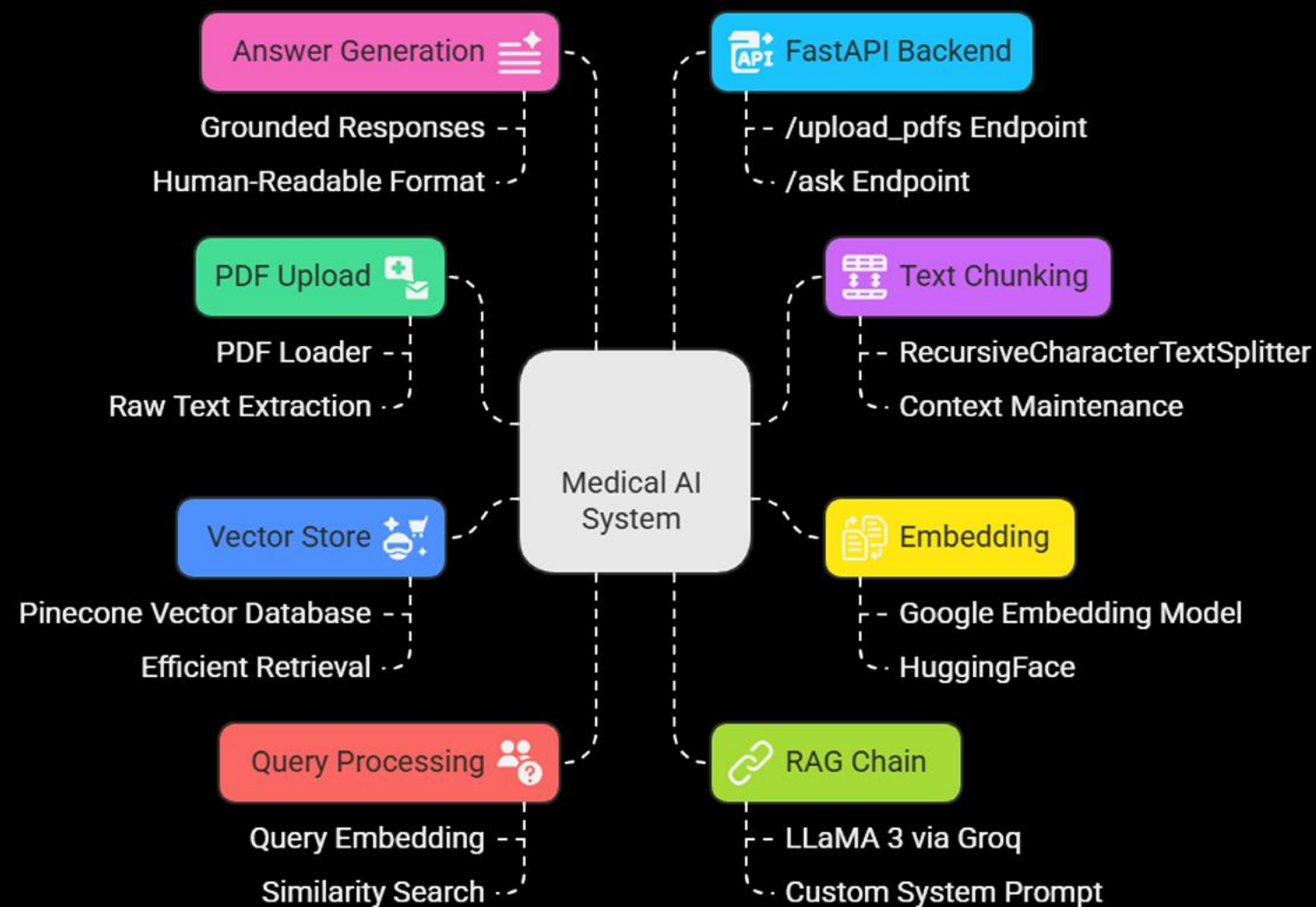
Chapter6 : Deployment in Streamlit & Render

Retrieval Augmented Generation



RAG Working Diagram

Medical AI System Architecture



Core Tech Stack Summary

Layer	Tool/Framework
LLM	Groq (LLaMA 3 70B)
Embeddings	Google Generative AI or HF
Vector Store	Pinecone
RAG Chain	LangChain
Backend API	FastAPI
Deployment	Render

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