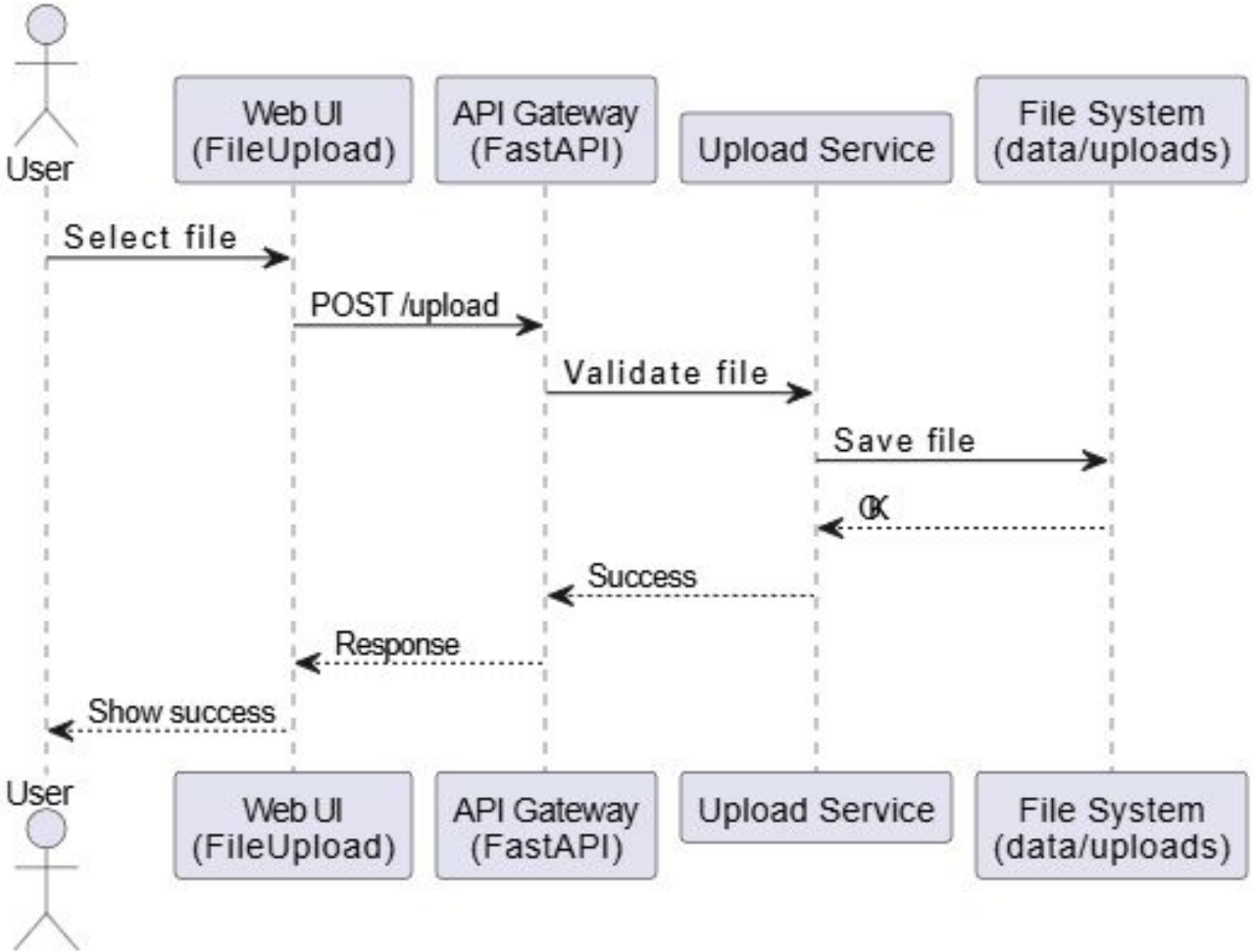
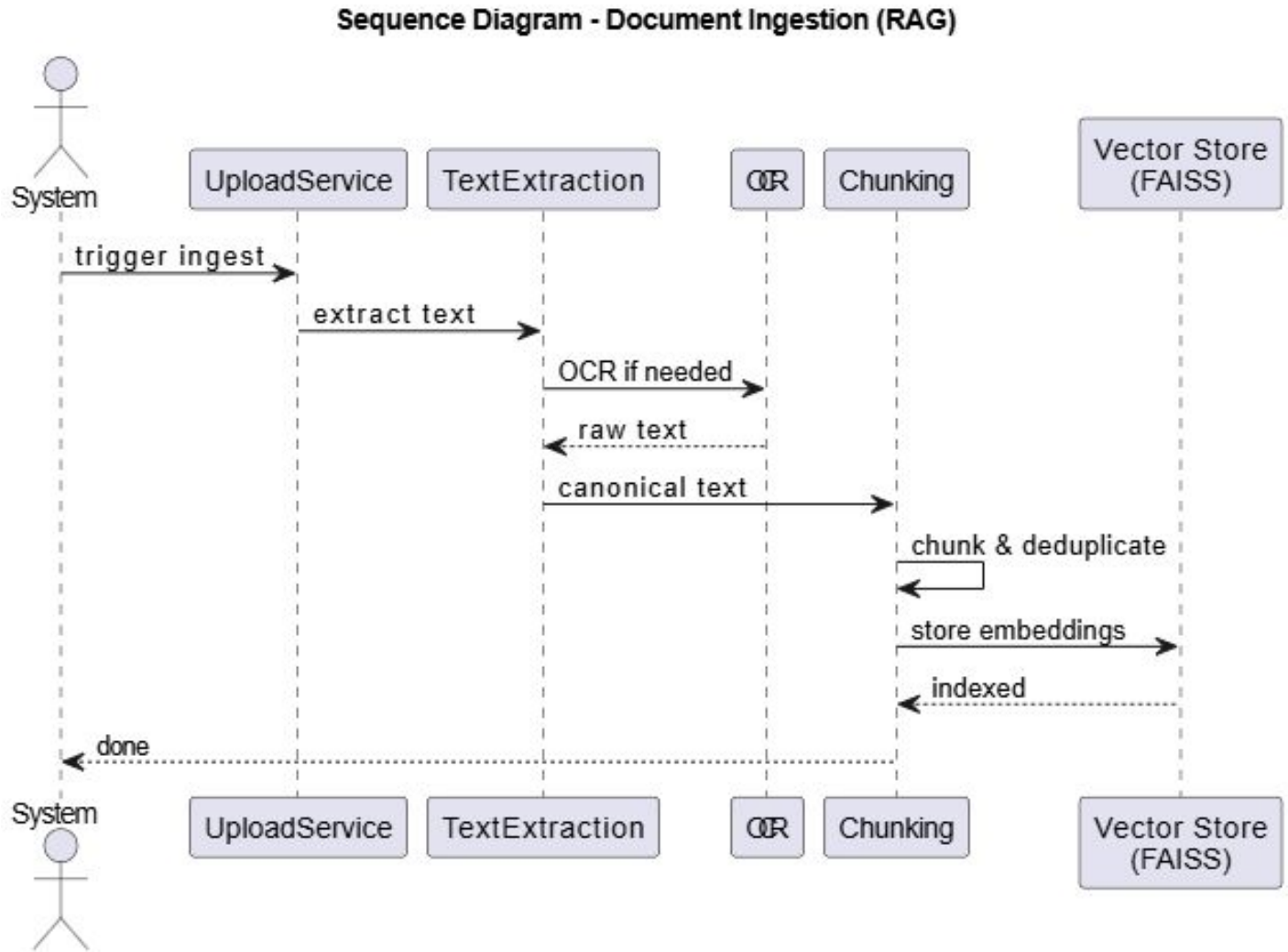
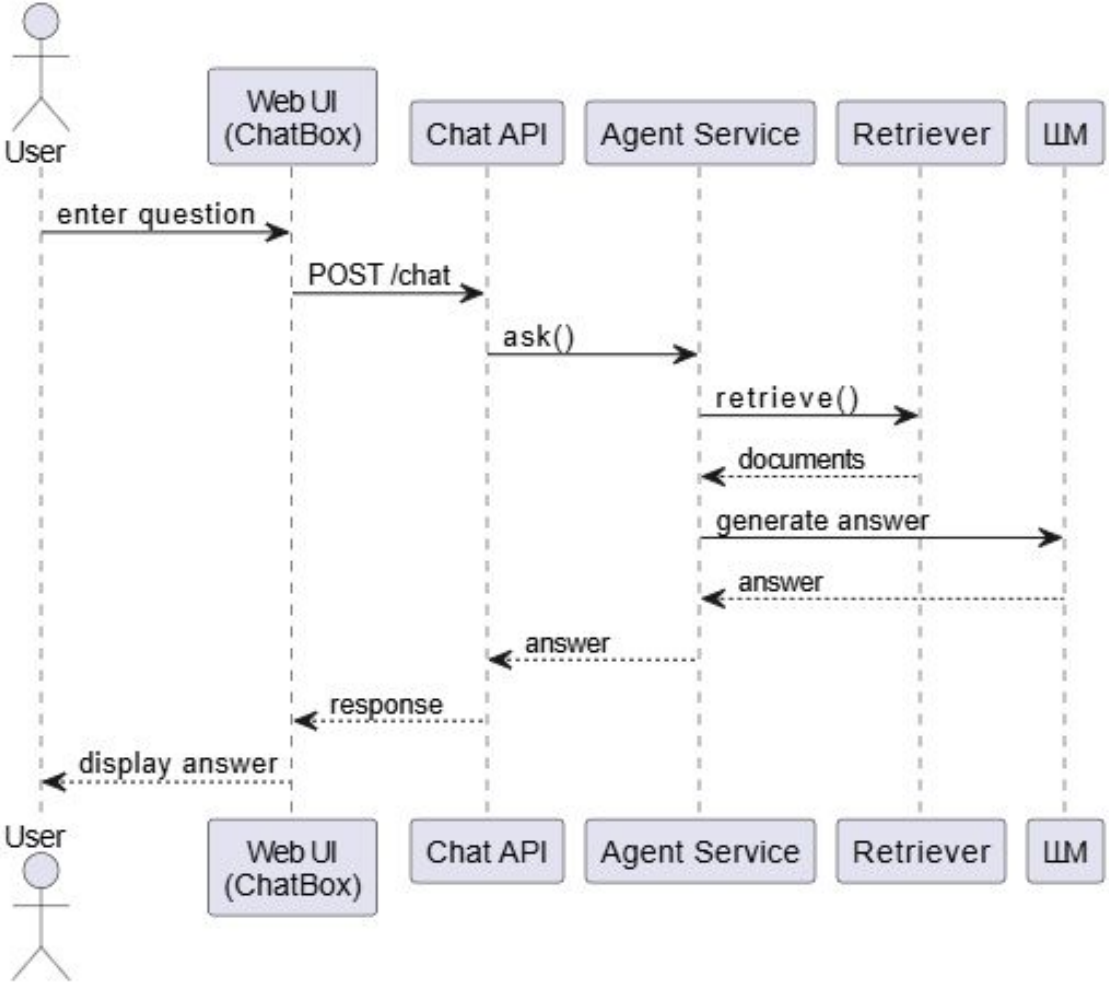
Sequence Diagram - Upload Document

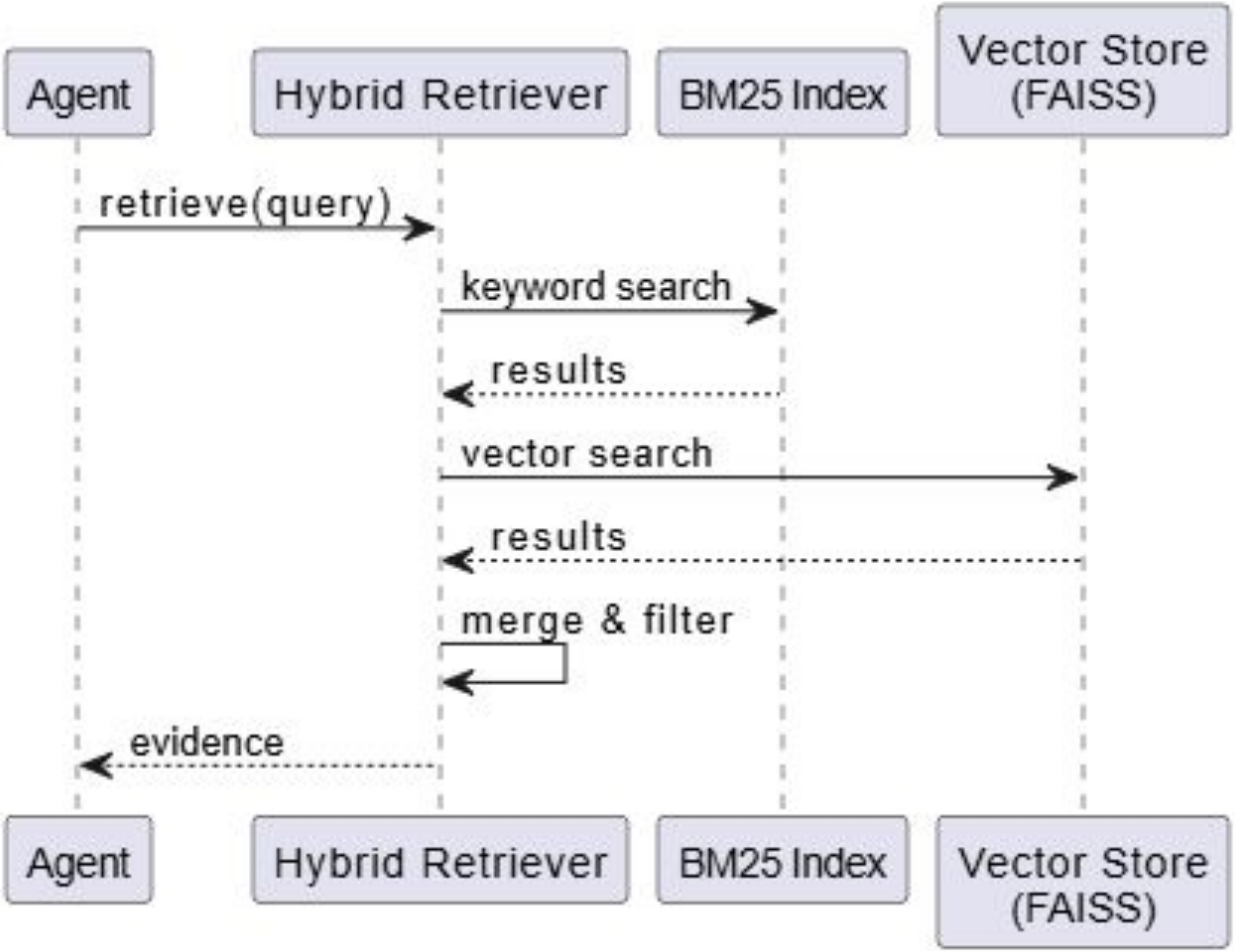
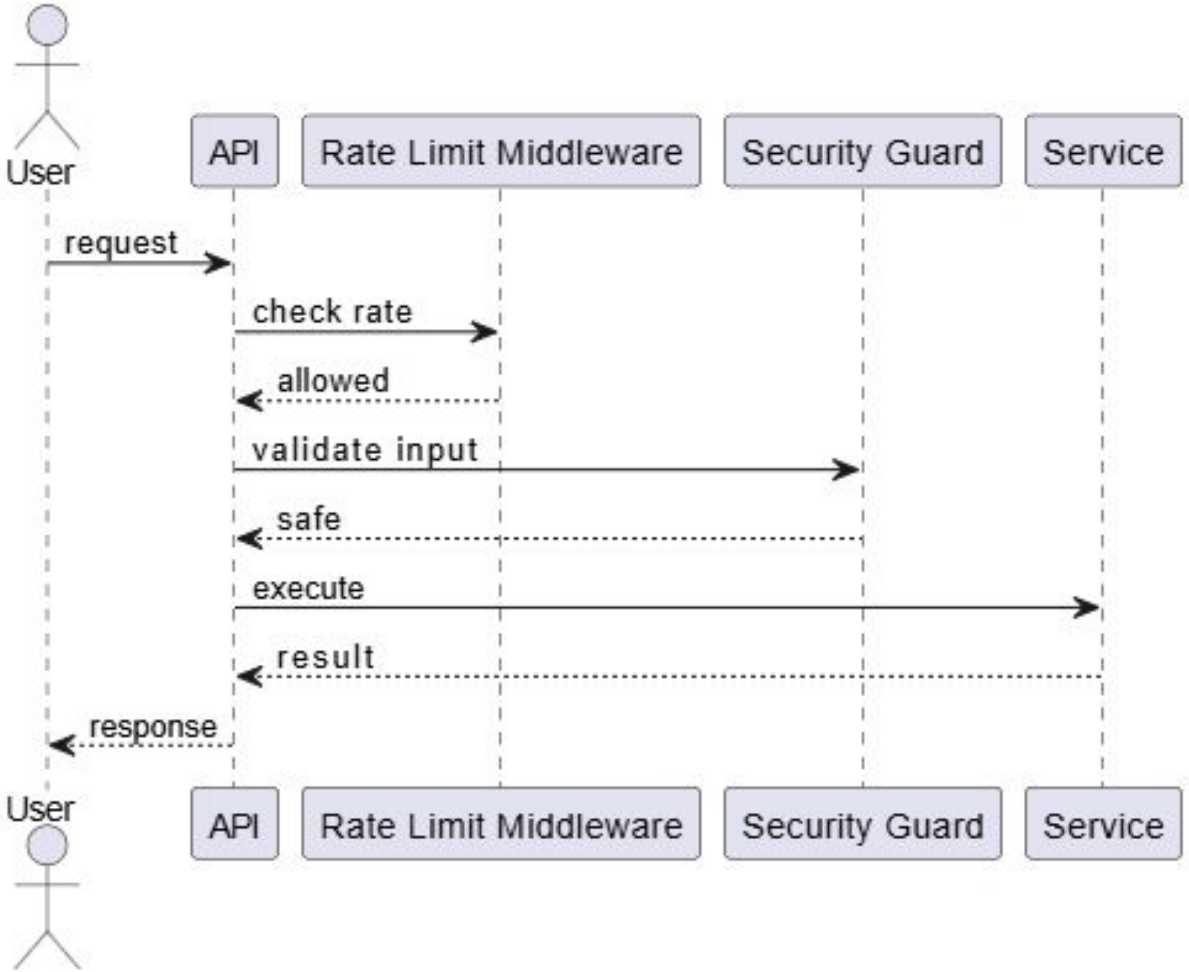



Sequence Diagram - Document Ingestion (RAG)
System
UploadService
TextExtraction
OCR
Chunking
Vector Store (FAISS)
trigger ingest
extract text
OCR if needed
raw text
canonical text
chunk & deduplicate
store embeddings
indexed
done
System
UploadService
TextExtraction
OCR
Chunking
Vector Store (FAISS)

Sequence Diagram - Chat with AI



Sequence Diagram - Retrieval Process



Sequence Diagram - Rate Limiting & Security