Chatbot Archeicture / programming flow:

Backend process:

Extracting Information from book

↓

making data chunks

↓

Embedding chunks with (HF model)sentence-transformers/all-MiniLM-L6-v2 D:384

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Storing chunks into vectorDB and making vector embedding

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Build Semantic Index

↓

Knowledge Database
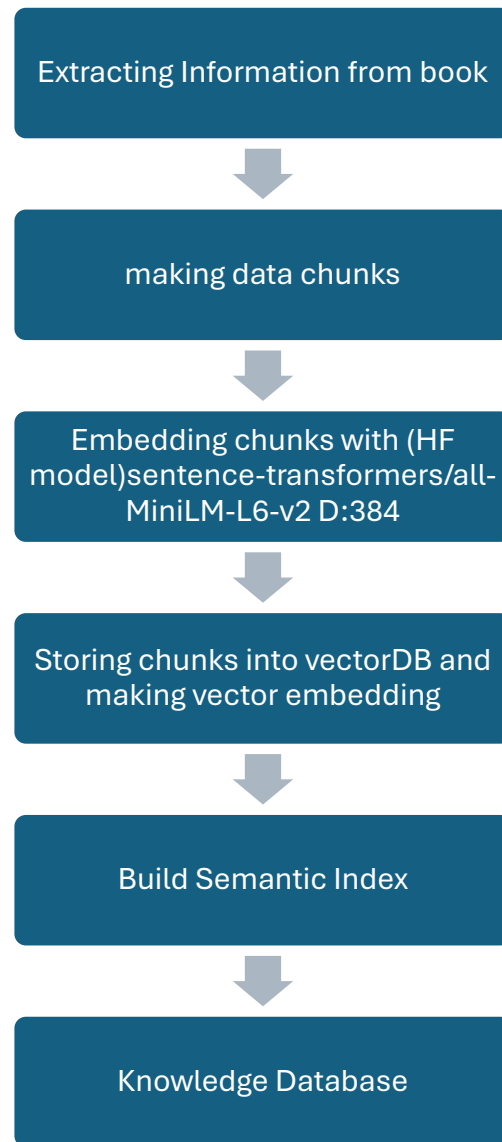
User side process when query is given

```
┌─────────────────────┐
│        Query        │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│   vector Embedding  │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│      Knowledge      │
│      database       │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│   semantic search   │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│     Rank results    │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│      Openai APi     │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│    generate user    │
│  required response  │
└─────────────────────┘
```