Cooking Chatbot

Group 3 – A1803 – FPT Univesity
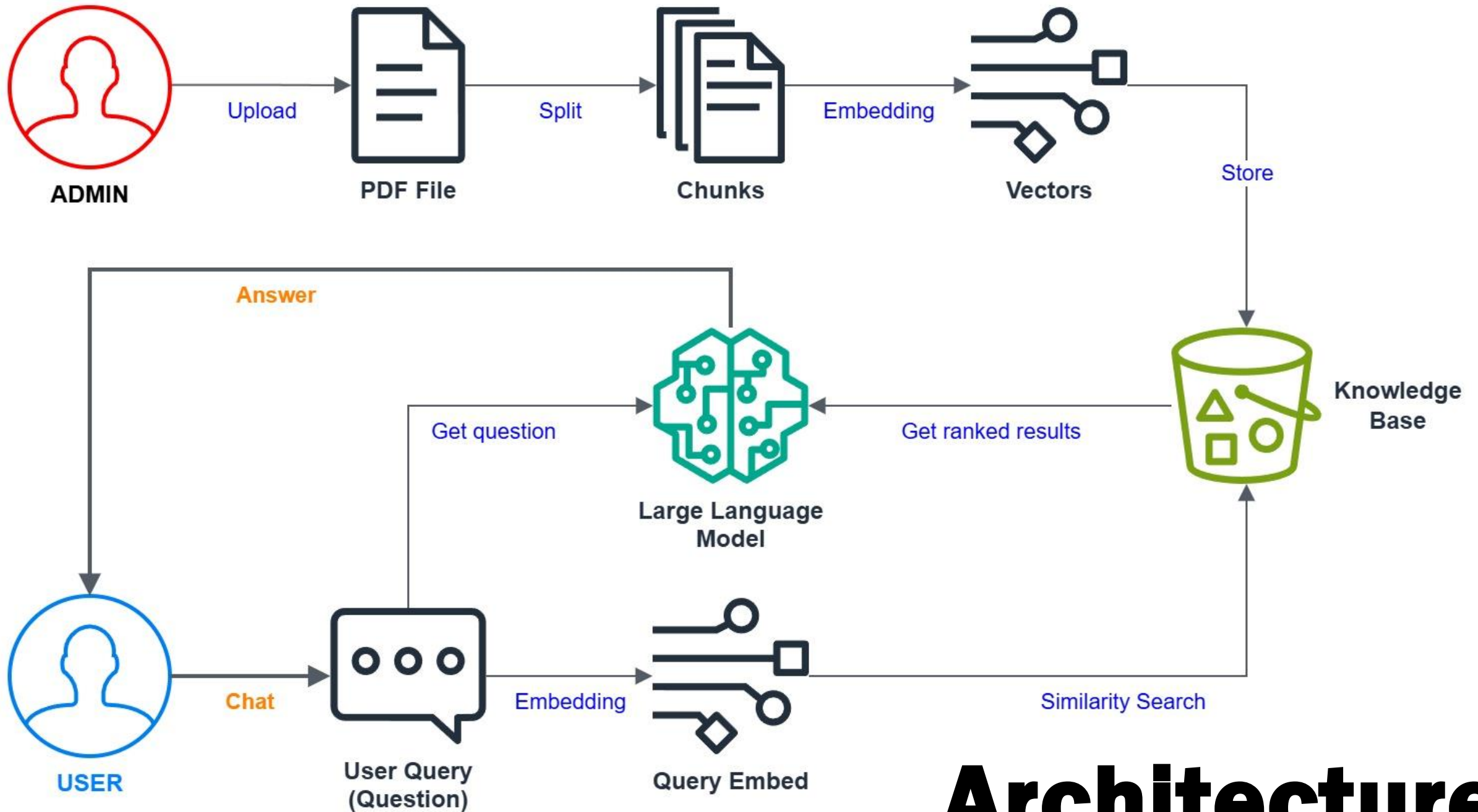
Members

- Đỗ Tuấn Kiệt
- Trần Gia Hiển
- Huỳnh Nhựt Huy

- Nguyễn Minh Quân
- Trần Phương Nam
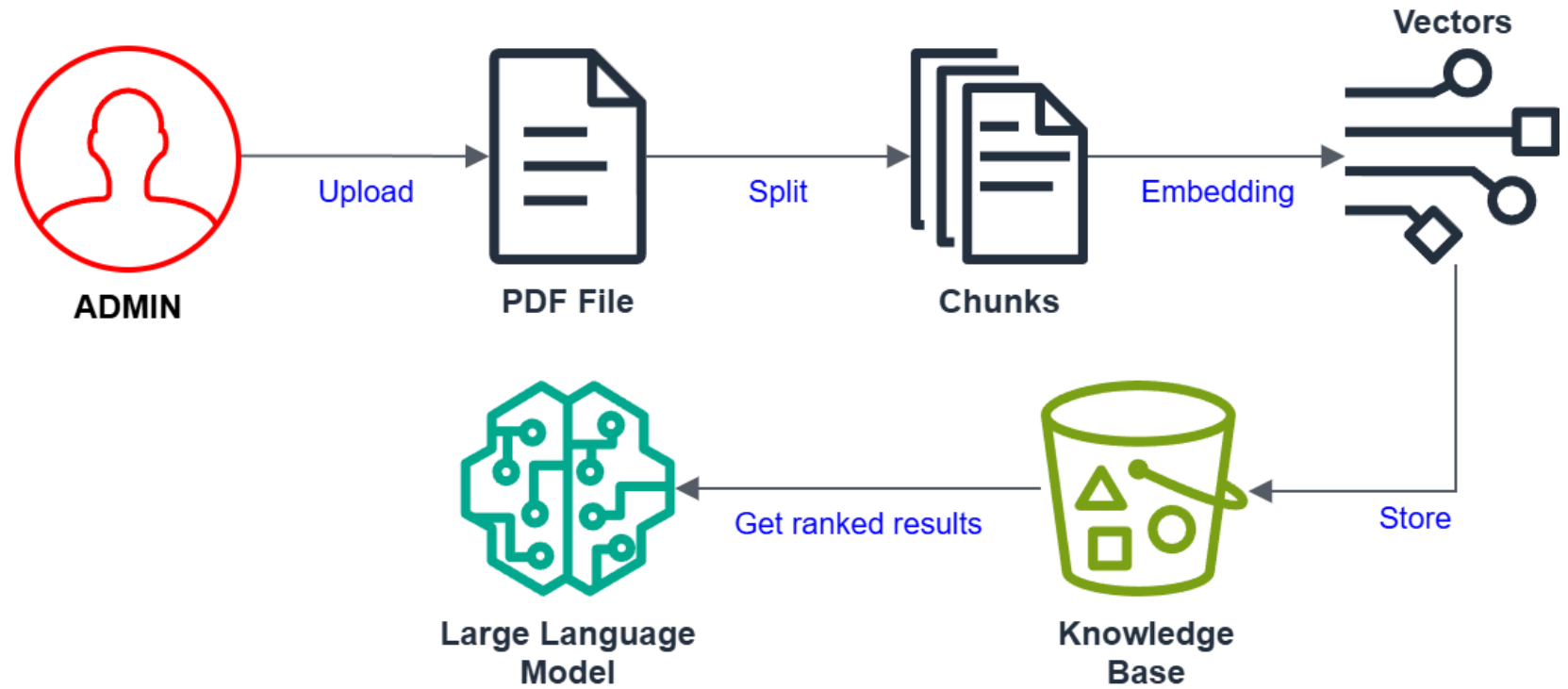- Bùi Nhật Anh

Techstack used

- **Programing Language:** Python

- **Library:** Langchain (and its module, class)

- **Frontend/Web app:** Flask

- **Large Language Model:** CTransformers

- **Vector Database:** Chroma

ADMIN

Upload → PDF File → Split → Chunks → Embedding → Vectors → Store → Knowledge Base

Answer

Large Language Model

Get question ← Get ranked results ← Knowledge Base

USER → Chat → User Query (Question) → Embedding → Query Embed → Similarity Search → Knowledge Base

Architecture

ADMIN Side

USER Side