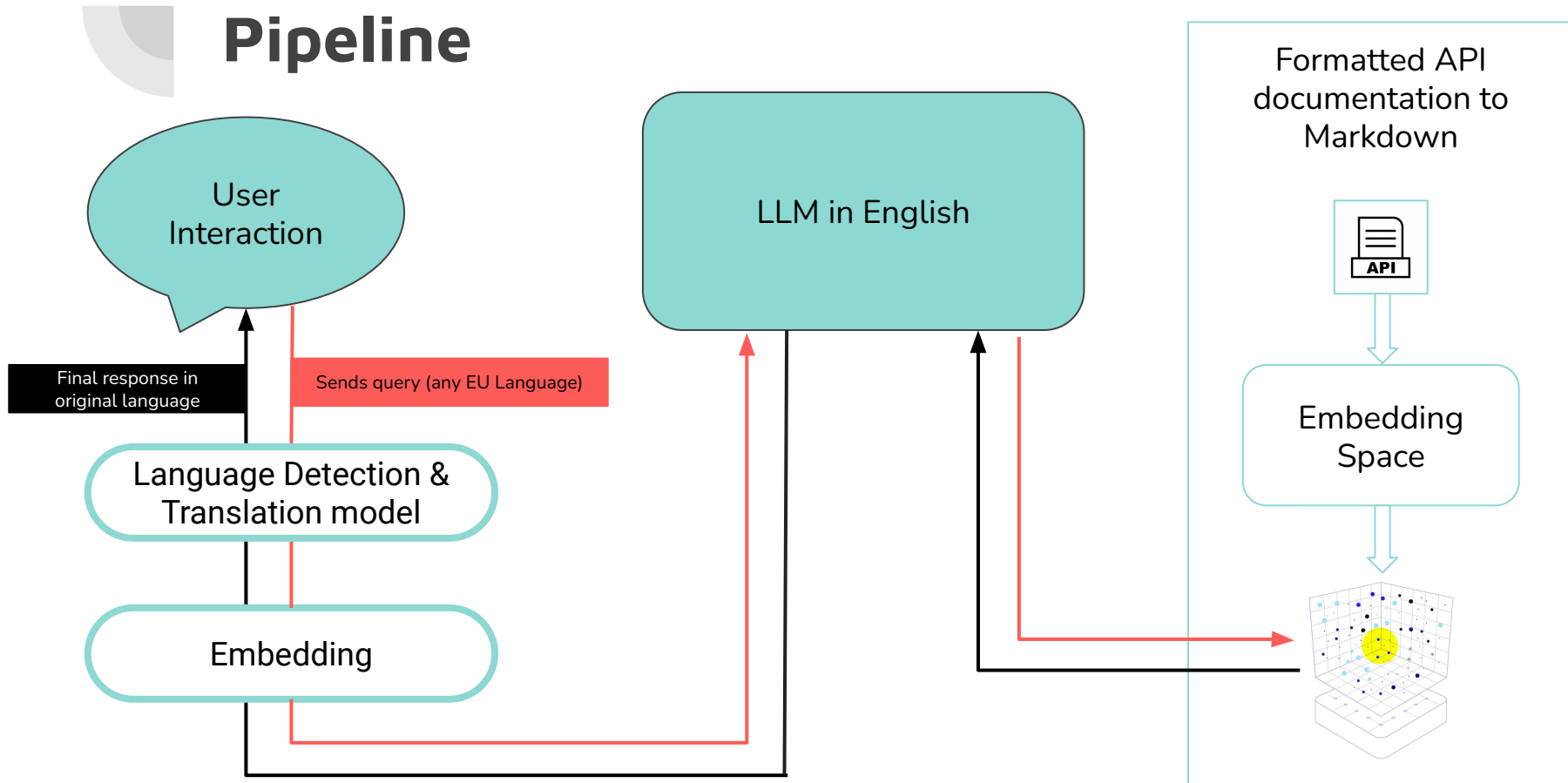# PEReN
Hackathon 2024 – Digital Services (h)Acked Retrieval Augmented Generation (RAG)

Team : RAGTag
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Pipeline

User Interaction

LLM in English

Formatted API documentation to Markdown

API

Final response in original language

Sends query (any EU Language)

Language Detection & Translation model

Embedding

Embedding Space

Tools

Language Detection : LanguageDetectorBuilder

- All EU Languages

Model translate LLM : HuggingFace/facebook/nllb-200-3.3B

- Tokenization
- Translations

RAG Model : HuggingFace/facebook/RAG-Sequence-nq

- Tokenization
- Retrivial
- Augmented Generation