



HEXABANK

Team



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1 - Interface Decisions - RegIntel AI



Track A - Low-code (Streamlit)

Track A fits because it allows a working RAG compliance copilot in $\leq 6h$, with no backend engineering, fully aligned with our simple, internal, document-based use case.

User-facing features

- Hybrid input
- Citations / evidence chips
- Suggested prompts / examples

Drag-and-drop hybrid input aligns with our document-based gap analysis. Citations and suggested prompts increase trust, and clear actions streamline reporting.

Core UX capabilities

- Sessions & memory (history, clear history)
- Exportability (CSV / PDF)
- Latency UX

Session memory enables iterative review, exportability supports governance reporting, and latency feedback reassures users that retrieval is active.

2 - Technique & Tech decisions

Technique chosen

RAG

We select RAG because actionable compliance decisions require evidence grounded in real regulatory text, not generic model guesses.

Key debate decisions

- We need our own documents (EU AI Act + internal policies) to ensure traceability
- RAG is compatible with Track A (Streamlit) and local vector storage
- Citations must appear in UI, so we need segment-level chunking + metadata

Choices

- **Model:** gpt-4-mini (bilingual, fast reasoning)
- **Embeddings:** text-embedding-3-small (cheap and multilingual)
- **Vector store:** Chroma (easy local setup)
- **Hosting:** Streamlit on-premise (secure internal deployment)

3 - App Wireframe



RegIntel AI



Evidences / Citations

[1]

[2]

[3]

How can I help you?

+ Enter your compliance question here

- Compare this internal policy to EU AI Act
- Highlight regulatory gaps in this document

The layout reflects RAG: users drag-and-drop internal documents, then see grounded diagnostics with citations visible on the right. This makes the compliance reasoning transparent and traceable while still remaining deliverable in ≤ 6 hours with Streamlit + local Chroma.