

D. Copilot Plan Mode Output – Engineering Knowledge Platform

API – First

1. Create role selection API.
2. Create query processing API.
3. Create document ingestion API.
4. Create feedback capture API.
5. Implement retrieval orchestration logic.

DB – Second

1. Setup vector database for embeddings.
2. Define metadata schema (Role, Module, Owner, Version).
3. Setup simple user session storage.
4. Enable document indexing and re-indexing process.

Web – Third

1. Build role selection UI.
2. Develop chat interface.
3. Display structured onboarding plan.
4. Add admin upload interface.
5. Integrate feedback mechanism.

Design Guidelines

- Keep architecture simple.
- Build small, testable modules.
- Avoid overengineering.
- Validate retrieval quality before expanding features.