Agreemind

Mind what you sign.

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01 Problem

People accept agreements they don’t understand.

- Legal contracts are long, dense, and hard to understand.
- Users don’t know which clauses matter.
- And if a problem arises, they don’t remember what they agreed to, what rights they have, what actions they can take, or who is ultimately liable.

02

Market Gap

Existing legal tools aren't built for individuals.

- Legal tools focus on professionals/enterprises
- Consumers need simple risk signals + plain language
- Trust requires privacy-first handling

Ironclad. (2023). Contract Lifecycle Management Software. Retrieved from https://ironcladapp.com/
Kira Systems. (2023). Contract Analysis Software. Retrieved from https://kirasystems.com/
Luminance. (2023). AI-Powered Contract Intelligence Platform. Retrieved from https://www.luminance.com/

03

Our Solution

Agreemind helps users manage the entire lifecycle of their legal agreements.

Users can:

- Get a plain-language summary
- See “risk flags” and the clause that triggered them
- Be aware of their rights and actions they are entitled to
- Save to a personal document vault for later search and version tracking
- Compare similar documents for hidden differences and implications

04 Tech Stack

Frontend

Expo

React Native

Backend

FastAPI

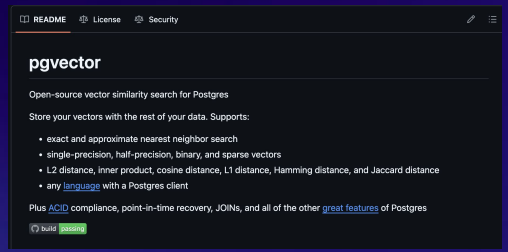
ML Development

PyTorch

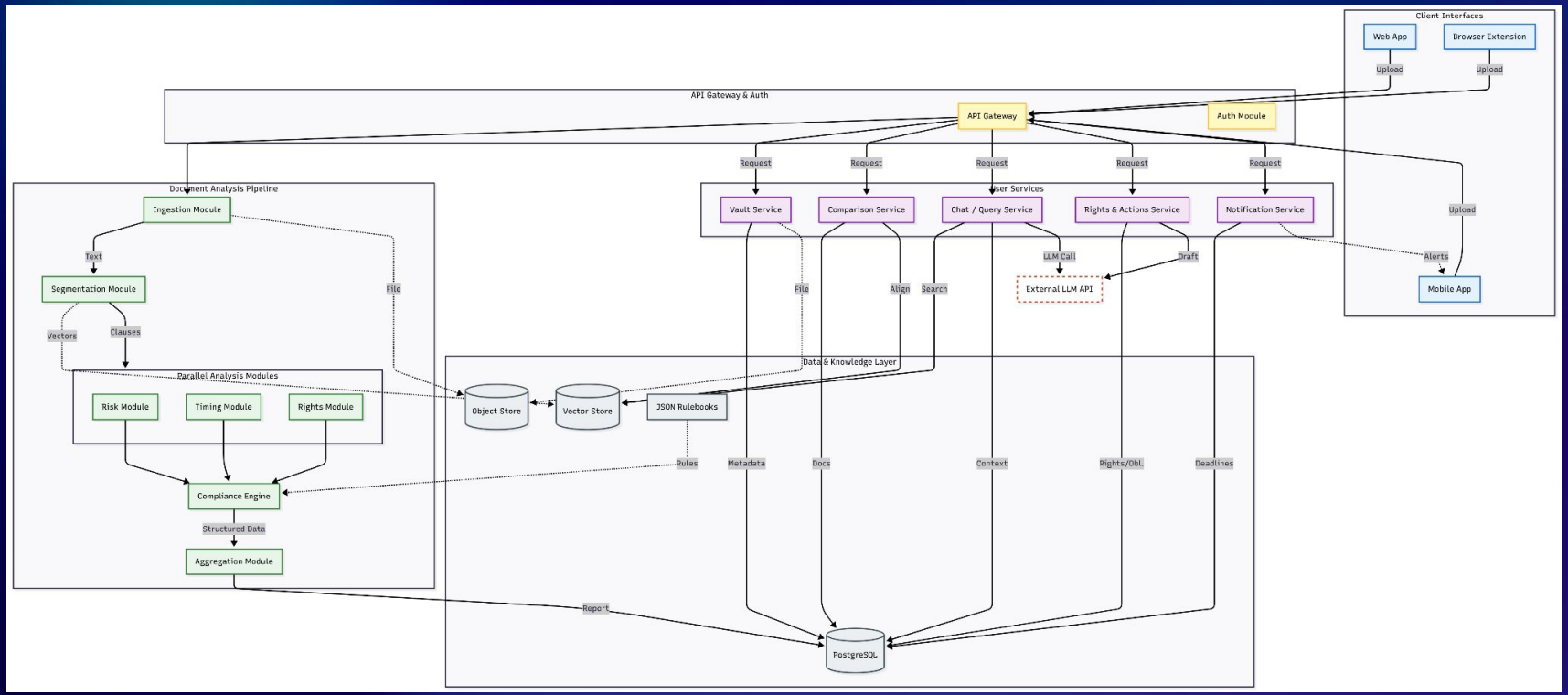
spaCy

Database

+

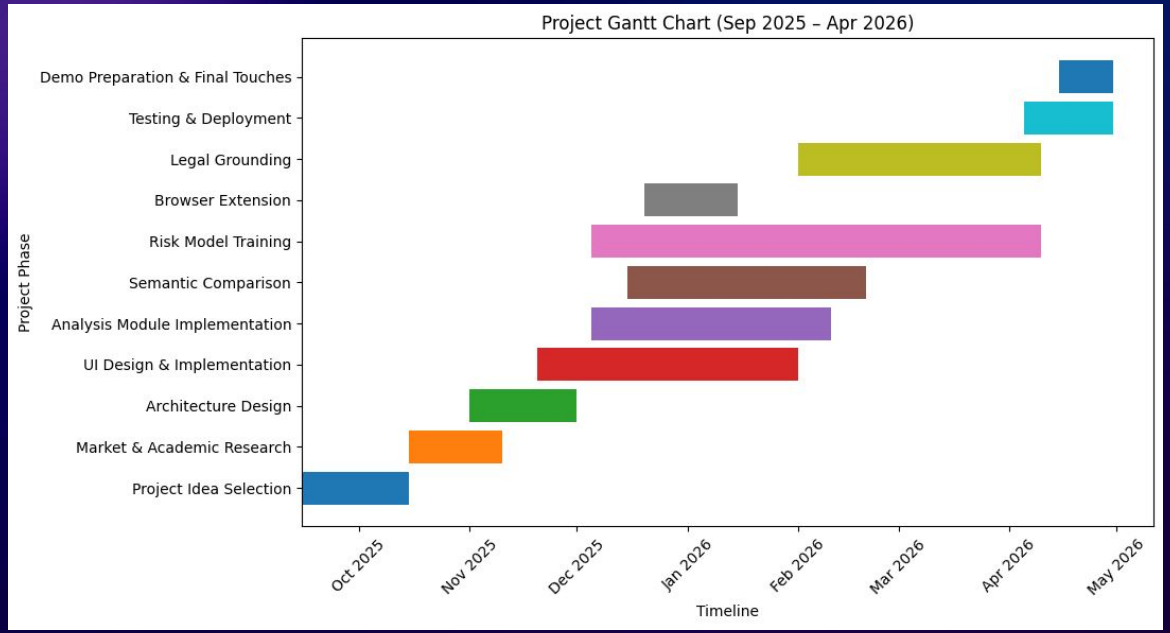


05 Architecture



06

Roadmap


Project Gantt Chart (Sep 2025 – Apr 2026)
Demo Preparation & Final Touches
Testing & Deployment
Legal Grounding
Browser Extension
Risk Model Training
Semantic Comparison
Analysis Module Implementation
UI Design & Implementation
Architecture Design
Market & Academic Research
Project Idea Selection
Project Phase
Oct 2025
Nov 2025
Dec 2025
Jan 2026
Feb 2026
Mar 2026
Apr 2026
May 2026
Timeline

07 Project Healthcard

Schedule		Gained momentum.
Cost		Found success with small models.
Scope		How many domains / jurisdictions to support?
Risks		Need legal expertise for legal grounding.

08

What We Have Achieved

- Initial web and mobile UI
- Core analysis functionality (risk classification using a custom model, rights and time-sensitive clause extraction)
- Document and vault querying
- Document history and compare between versions

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Future Goals

- Completing and improving user interfaces
- Generalization into other domains (Rental, Banking, Insurance etc.)
- Legal grounding / Compliance checking
- Local-only settings for advanced privacy
- Browser extension
- Improve the accuracy/performance of already existing features.

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Team Contributions

Ata Oğuz: Backend development, Querying

Ata Soykal: Frontend development

Can Polat Bülbül: Model training for risk classification

Edip Emre Dönger: Development of analysis pipeline

Emir Görgülü: Backend development, Version history

Demo Environment

- All components (frontend, backend, PostgreSQL database) are dockerized and run locally.
- Risk classification model is fetched from HuggingFace, and ran locally.
- Summarization, Q&A etc. are done using LLM APIs. (They will also be localized in the future.)

Thank You For Listening!