



DRAFTFLOW CASE STUDY



About the Client

Draftflow is an AI-driven mobile application designed to simplify contract creation, analysis, and management for individuals and businesses. The platform utilizes NLP and LLM models to generate, review, and provide insights on contracts within a user-friendly interface.

1 Global Reach:

Aimed at professionals and enterprises seeking automated legal workflows.

2 Operational Model:

AI-powered application combining document automation, OCR scanning, and secure cloud storage.

3 Core Value:

Empowering users to create, analyze, and store contracts securely and efficiently through conversational AI.

Building an AI-Powered Contract Management Application for Draftflow

Background

The client envisioned a mobile-first legal tech solution that could replace complex, manual contract processes with an intelligent and interactive AI tool. Users would be able to generate new contracts by describing their needs or upload existing documents for instant AI-driven analysis.

Given the app's heavy reliance on natural language processing and OCR technologies, the project required a solid technical framework, high security standards, and a smooth user experience — all within a 12–14 week delivery timeline.

Maintaining data confidentiality, AI accuracy, and operational reliability was critical to the project's success.



The Challenge

The client faced several technical and operational challenges in achieving their goal:

- Integrating **AI models (LLMs)** for real-time contract drafting and clause analysis.
- Implementing **OCR (Optical Character Recognition)** to extract text from scanned or uploaded contracts.
- Developing a **secure vault** for storing sensitive legal documents.
- Enabling **subscription-based access** with a free trial and paid plans.
- Ensuring **smooth user onboarding** with authentication and usage tracking.

These challenges demanded a unified solution integrating AI, automation, and cloud technologies under one ecosystem.



Solution DTF Provided:

DevTech Fusion delivered a comprehensive end-to-end solution combining mobile app development, backend orchestration, and AI integration.

Key Deliverables:

- **AI Contract Generator:** Built an LLM-powered system to create custom contracts instantly from user inputs.
- **Smart Document Analyzer:** Integrated OCR and AI to scan, extract, and review contract details accurately.
- **Secure Vault:** Implemented encrypted cloud storage with controlled user access for all documents.
- **Seamless User Experience:** Designed smooth onboarding, subscription handling, and admin management tools.
- **Flexible Export & Payment Options:** Enabled PDF/DOCX exports and integrated Stripe/PayPal for easy transactions.

Implementation

Deployment Scope: Complete Android app, FastAPI backend, AI orchestration, and admin dashboard development.

Timeframe: Delivered within 12 weeks, plus 2 weeks for QA and optimization.

Integration: LLM contract generation, OCR scanning, and subscription systems fully integrated with cloud infrastructure.

Testing & QA: Tested for AI accuracy, data security, and performance across multiple devices.

Training & Handover: Client team trained on dashboard, subscription management, and monitoring tools.

Outcome: Deployment completed on schedule with stable performance and zero critical issues.

Technology Stack Used: FastAPI, Firebase, Google Vision OCR, LangChain + LLM, Pinecone/FAISS, and Cloud-based encrypted storage.



Results & Benefits

The Draftflow project was completed in 12 weeks with an additional 2-week QA and optimization phase.

The delivered application achieved:

- ✓ Seamless AI contract generation and document analysis workflows.
- ✓ Secure, encrypted vault for safe document storage.
- ✓ Smooth onboarding and subscription handling through a unified backend.
- ✓ Highly responsive mobile experience aligned with Figma design standards.
- ✓ 100% adherence to project timelines and deliverables.

Draftflow now empowers users to manage contracts on the go — bridging the gap between traditional legal documentation and modern AI innovation.

Testimonial

“Working with DevTech Fusion was a game-changer for Draftflow. Their team transformed our concept into a fully functional AI-powered application within a tight timeline, without compromising on quality or security. From OCR integration to AI contract generation, every feature was implemented with precision.

The communication was seamless, the delivery was on point, and the end result exceeded our expectations. We now have a robust, scalable platform that’s ready to redefine contract automation for our users.

Zain Naveed, CEO, Draftflow