

Nyaya Sahayak: The Unified Legal Intelligence Ecosystem

Tagline: Bridging the Gap Between Justice and Technology.

Mission: To democratize legal access through a secure, AI-driven marketplace.

The Team: Aman Rathor, Deepanshu, Sunny Soni.

The Core Vision

Moving Beyond Search

From Search to Strategy

Shifting from "AI as a search engine" to "AI as a Co-Counsel."

End-to-End Support

Automating the entire lifecycle: Preparation, Litigation, and Communication.

Accessibility

Making legal intelligence available 24/7 for both lawyers and citizens.

The Problem – "Current Chaos"

The Workflow Bottleneck

App Overload

Lawyers currently juggle ~5 different apps daily, creating messy data silos.

Efficiency Loss

Legal research consumes 40-60% of billable hours.

Communication Barrier

Manually translating "Legalese" for clients is slow and exhausting.

The Market Reality

The Scale of the Opportunity

2.01M

The Population

India has over 2.01 million registered advocates.

₹600-₹1,200 Cr

Total Market (TAM)

5-10% of the ₹12,000 Cr Legal AI Market (approx. ₹600-₹1,200 Cr).

₹7-₹36 Cr

Target Goal

Aiming for a realistic ₹7-₹36 Cr share within 3-5 years.

The "Gap" in Current Tools

Why existing solutions fall short

→ **Privacy Fears** → **Action Gap** → **Cost Barrier**

Lawyers are rightfully
scared of sensitive client
data leaking via the cloud.

Most tools just "answer"
questions; they don't
actually "do" the work.

High monthly subscription
fees make them
inaccessible for solo
practitioners.

Our Edge – The "Privacy First" Promise

Data Sovereignty as a Priority

Local-First LLM

Using Ollama (Llama3/Phi3)
so your data never leaves
your laptop.

Absolute Control

100% data sovereignty
ensures GDPR and DPDP
compliance.

Zero Cloud Risk

No third-party servers mean
attorney-client privilege is
never at risk.

Technical Architecture – The "Three Pipelines"

A Unified Engine for Success



Research Pipeline

Handles deep data dives.



Courtroom Pipeline

Analyzes live proceedings.

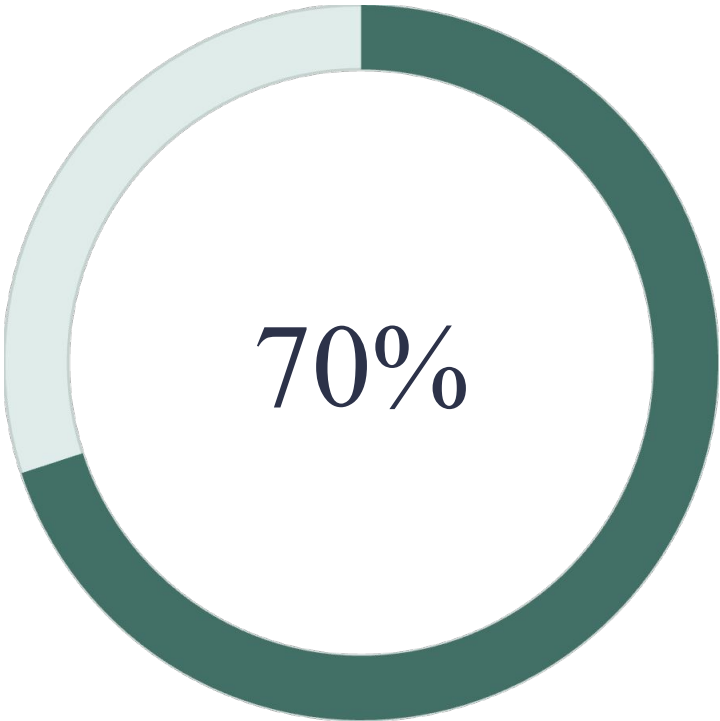


Simplifier Pipeline

Breaks down complex jargon.

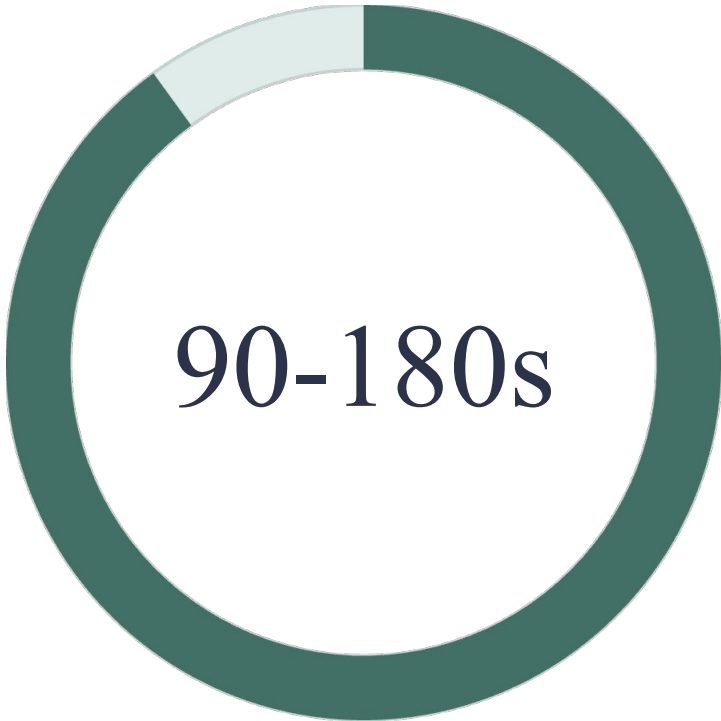
Inside the Research Pipeline

Hours of Work in Seconds



Time Savings

Reduces research time by 70%.



Speed

The multi-agent system
completes tasks in 90-180
seconds.



Agentic AI

A chain of 6 agents works
together: researching, drafting,
and validating.

Courtroom Strategy in Real-Time

Your Eyes and Ears in the Hearing



Speaker Detection

Uses PyAnnotate to distinguish between the Judge and the Witness.



Contradiction Alerts

Provides live notifications if testimony clashes with evidence.



Audio Intelligence

Turns messy courtroom audio into structured strategic analysis.

The Simplifier & Drafter

Bridging the Knowledge Gap



Plain English

Instantly converts "Legalese" into language a client can understand.



Document Drafting

Template-based generation for PDF/DOCX exports.



Massive Efficiency

Cuts manual drafting from 2-4 hours down to 15 minutes.

The Integrated Marketplace

Connecting Justice to the Citizen

Discovery: A one-stop platform to find verified legal professionals.

Trust: All lawyer profiles are verified using Bar Council IDs.

Proximity: Matches clients and lawyers based on State and City locations.

Smart Matching Algorithm

How we pick the best Lawyer



1

Location

Finds the closest expert to the client.

2

Specialization

Aligns lawyer expertise with the specific case (Civil, Criminal, etc.).

3

Experience

Prioritizes years of practice and verified user ratings.

The Financial Ecosystem

Trust Through Escrow



Smart Wallet

Digital wallets for every user
for easy, transparent
tracking.



Escrow Safety

Funds are "locked" when a
case is posted.



Verified Release

Payments are released only
when the client confirms the
service is done.

Engineering Solutions – Hallucination Control

Accuracy You Can Trust

1

The Challenge

AI "hallucinating" facts is the #1 pain point (affecting 58.1% of users).

2

The Solution

Agentic RAG with "Double-Verification" logic.

3

Source Labeling

Every answer is tagged as [FROM RAG] or [FROM WEB] for verification.

Unit Economics – Comparative Advantage

High Margin, Low Overhead

Cloud Competitor Cost:

Monthly expenses of ₹11,500–₹15,500 due to LLM API fees.

Nyaya Sahayak Cost:

Monthly expenses of only ₹500–₹1,000 using Local LLMs.

Profitability: We achieve a 90%+ profit margin by eliminating recurring API costs.

Business Model & Revenue

Flexible Pricing for Every User

Solo Practitioner

Credit-based model (₹50–
₹200 per task).

Mid-Sized Firm

Subscription model (₹1,000–
₹3,000 per user/mo).

Enterprise

Custom On-Premise
licensing for large firms.

Competitive Benchmarks

Leading the Innovation Curve

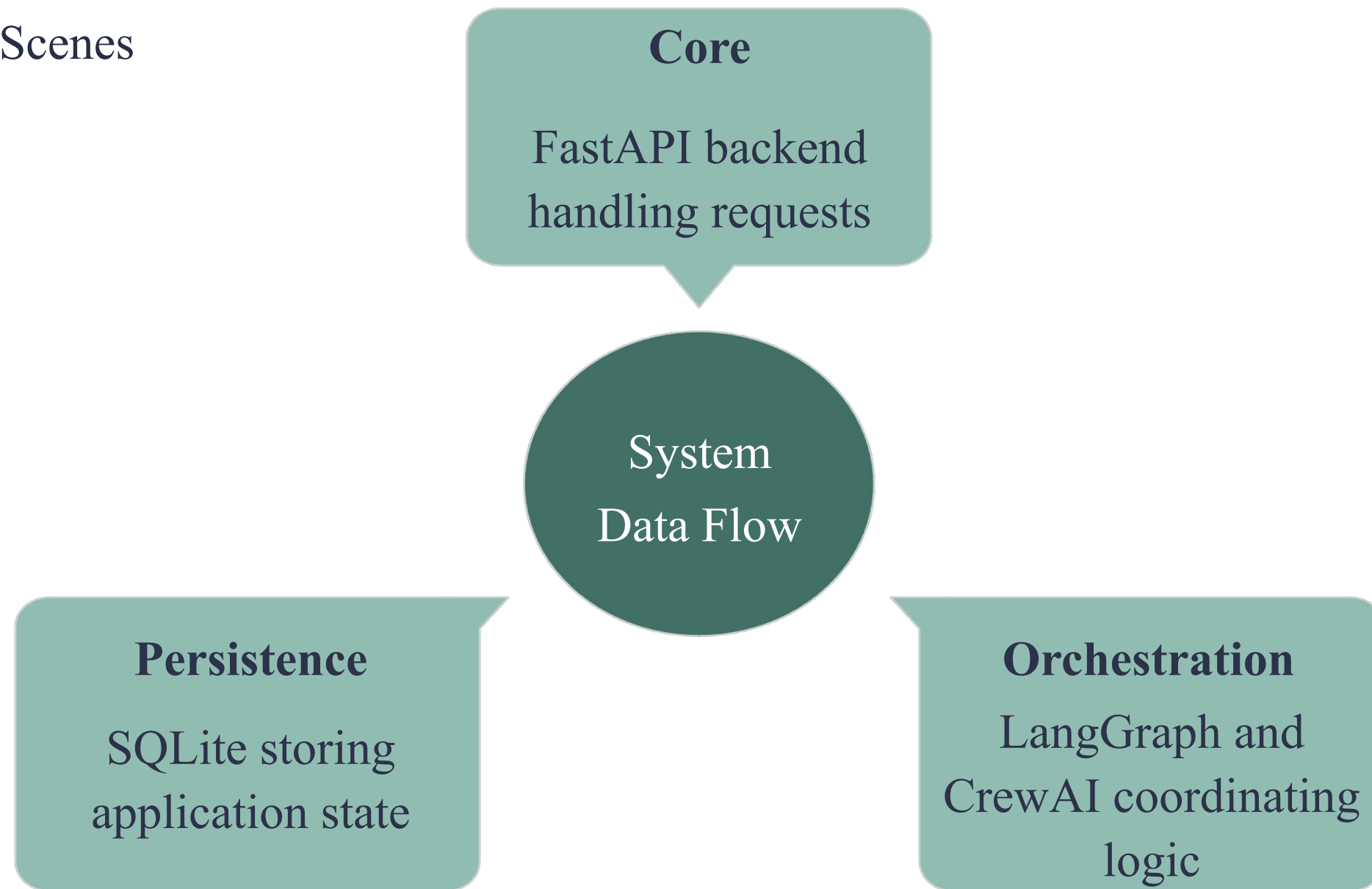
Jhana.ai: GPT-based cloud paralegal; higher cost and privacy risk.

VIDUR / BharatLaw: Niche focus on tax or multilingual search.

Nyaya Sahayak: The only solution offering "Local-First" data with a full-lifecycle marketplace.

System Data Flow

Behind the Scenes



This diagram illustrates the core components and their interactions within our system.

Hardware & Performance

Enterprise Stability

Minimum

Requirement

16GB RAM to run the
Local LLM and RAG
pipeline smoothly.

Reliability

99.2% uptime with
automatic fallback to
secondary models if
needed.

Scalability

The async design allows
100+ concurrent users on a
single instance.

Tackling Engineering Complexity

Solving Real-World Legal Hurdles

Token Limits: Intelligent chunking (500-character segments) preserves document context.

Human-in-the-Loop: Optional "Step-by-Step" review mode for lawyers who want full control.

Conflict Resolution: A dedicated agent resolves discrepancies between web info and official acts.

The Innovation Pipeline

The Future of Legal Tech

Computer Vision: Analyzing witness micro-expressions for credibility assessments.

Pre-Trial Simulation: "Debate" an AI prosecutor to prepare for court.

Predictive Analytics: Forecasting outcomes based on historical case data.

Conclusion

A New Era for Legal Professionals

Beyond Tools:

LegalMind AI is not just a tool; it's an end-to-end "AI Co-Counsel."

Safe Adoption:

Directly addresses the privacy barrier to bring AI to law firms securely.

The Future: Scaling from solo advocates to global enterprise legal ecosystems.