

# LegalToday

## AI-Driven Semantic Search & Research Platform

### Team Members:

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- Aditya Gaikwad (25M0745)

# The Problem

-  **Volume:** Thousands of judgements generated daily.
-  **Keyword Failure:** Searching "Wife Beating" won't find cases filed under "Section 498A" using standard search.
-  **Time:** Reading 50-page documents just to find relevance is inefficient.

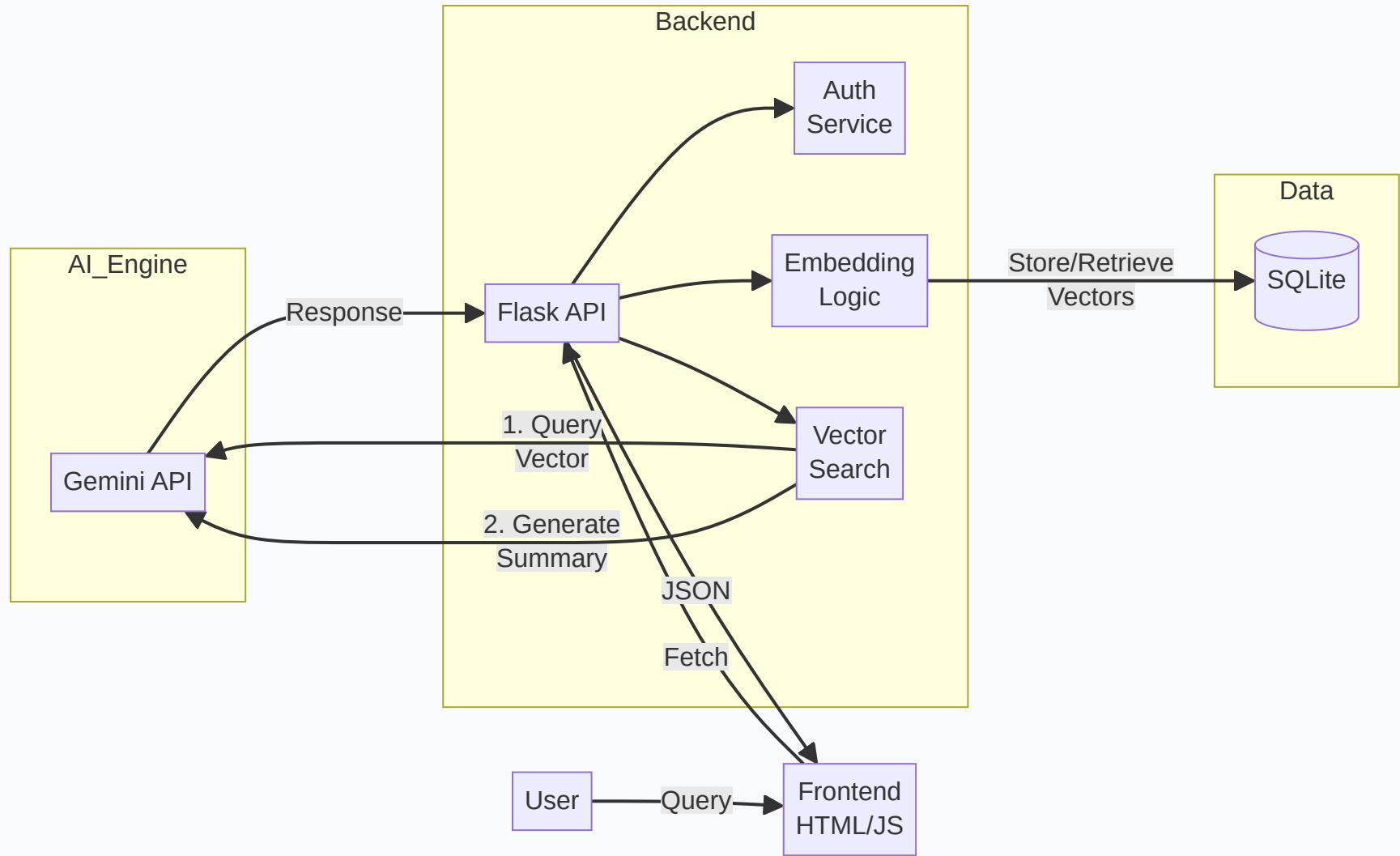
# Project Scope

- Semantic Vector Search
- AI Summarization (1-paragraph)
- Lawyer Recommendation System
- Real-time Legal News

## Limitations:

Dependent on API quotas; English language only.

# System Architecture



# Technology Stack



Python  
Flask

Backend Server &  
API



SQLite

Relational DB &  
Vectors



Google  
Gemini  
API

Embed-004 &  
Flash



HTML  
/ CSS  
/ JS

Modular CSS,  
Fetch API

# Team Contributions

Member	Module Contribution	Key Git Commit Logs
Madhur Thakkar	Backend Core, Auth System, AI Parallelization	<pre>feat: pagination and parallelized summary generation</pre> <pre>backend: setup users db, registration and login</pre>
Monil Manish Desai	Frontend UI, Search/News Modules, Search Integration	<pre>feat: AI search and summary features</pre> <pre>frontend: history page and search result logic</pre>
Aditya Gaikwad	Data Scraping (Cases/Lawyers), UI Polish, Data Pipeline	<pre>ui: major UI overhaul and lawyer scraping</pre> <pre>data: collecting supreme court cases via scraping</pre>

# Smart Search & History

The screenshot displays the LegalToday website interface. At the top left is the logo "LegalToday". To its right are links for "Legal News" and "Find Lawyers". On the far right, a user profile section shows the name "Monil" and includes "History" and "Logout" options. The main header reads "Legal Research Simplified ...". Below it, a sub-header states: "Access a vast database of legal judgements from Supreme Court and access summarised views and search over them". A search bar contains the placeholder text "Search using case titles, citations, keywords...". To the right of the search bar is a blue "Search" button. In the bottom left corner of the page area, there is a box titled "Recent Searches:" containing the entry "Robbery".

Features: Clean UI, Session-based history, Auto-focus search.

# AI Summarization & Lawyers

The screenshot displays the LegalToday website interface. At the top, there is a navigation bar with the logo 'LegalToday' and links for 'Legal News' and 'Find Lawyers'. On the right side of the header, the name 'Monil' is visible. Below the header, there are three cards for lawyers:

- Advocate Balaji T** (5.0 stars) - Specializes in Anticipatory Bail, Cheque Bounce, Civil, Consumer Court, Court Marriage, Criminal, Divorce, Documentation, etc. [View Profile](#)
- Advocate Kriteka Sheokand** (5.0 stars) - Specializes in Anticipatory Bail, Child Custody, Civil, Court Marriage, Criminal, Divorce, etc. [View Profile](#)
- Advocate Preeti Manderna** (5.0 stars) - Specializes in Anticipatory Bail, Arbitration, Cheque Bounce, Child Custody, Civil, etc. [View Profile](#)

Below these cards, the text "Search Results for 'Robbery'" is displayed, followed by a page navigation menu with numbers 1 through 11 and a "Next »" button.

A specific case summary is shown for **Wahid v. State Govt. of NCT of Delhi**. The case details are as follows:

CRIMINAL APPEAL No. 201/2020 • [2025] 2 S.C.R. 363 • [Hide Summary](#)

Penal Code, 1860 – ss.392, 397, 411 – Arms Act, 1959 – s.25 – Prosecution case was that complainant (PW-1) while travelling along with other passengers in a Gramin Sewa (mini bus) got robbed by four persons armed with weapons – FIR was registered – Appellant-W was convicted by the Trial Court for offence punishable u/s.392 r/w. s.397 IPC, but acquitted u/s.411 IPC – Appellant-A was convicted and sentenced u/s. 392 r/w. s.397 IPC and s.25(1) of the Arms Act – Both the appellants filed appeal before the High Court which were dismissed – Correctness:Held: Having perused the materials on record, prosecution has succeeded in establishing that on the night of 3.12.2011 the travellers of Gramin Sewa were robbed by four persons – However, mere proof of robbery is not sufficient to hold that the accused persons who were put to trial were the ones who committed the offence – In the instant case, neither the accused persons were named nor they were known either to the complainant or the witnesses from before – Prosecution case is rather too simple, that is, two days later, on 5.12.2011, PW-1 himself noticed the accused persons standing near DTC Bus Depot; immediately thereafter he informed the police about their presence; the police went to the spot, arrested them, and, upon search of those persons, recovered \* Author

Highlighted: AI Summary Button & Side-panel Lawyer Suggestions.

# Document Viewer

LegalToday Legal News Find Lawyers Monil

[← Back to Results](#)

CRIMINAL APPEAL No. 201/2020 • [2025] 2 S.C.R. 363

Judges: PAMIDIGHANTAM SRI NARASIMHA \* , MANOJ MISRA Date: 04-02-2025

The screenshot shows a PDF document titled "Wahid v. State Govt. of NCT of Delhi". The document is page 1 of 13, at 100% zoom. It contains the following text:

[2025] 2 S.C.R. 363 : 2025 INSC 145

**Wahid**  
v.  
**State Govt. of NCT of Delhi**  
(Criminal Appeal No. 201 of 2020)  
04 February 2025  
[Pamidighantam Sri Narasimha and Manoj Misra,\* JJ.]

**Issue for Consideration**

The appellants herein have preferred appeal against their conviction. Appellant-W was convicted by the Trial Court for offence punishable u/s.392 r/w. s.397 IPC and appellant-A was convicted u/s.392 r/w. s.397 IPC and s.25(1) of the Arms Act. Their appeals were dismissed by the impugned order of the High Court.

**Headnotes†**

Penal Code, 1860 – ss.392, 397, 411 – Arms Act, 1959 – s.25 – Prosecution case was that complainant (PW-1) while travelling along with other passengers in a Gramin Sewa (mini bus) got robbed by four persons armed with weapons – FIR was registered – Appellant-W was convicted by the Trial Court for offence punishable u/s.392 r/w. s.397 IPC, but acquitted u/s.411 IPC – Appellant-A was convicted and sentenced u/s. 392 r/w.

Users can read full PDF judgements without leaving the app.

# News Feed

LegalToday

Legal News Find Lawyers

Monil

## Legal News Feed

Latest updates on "legal"

legal

Find News



The Indian Express

**Industry need not celebrate yet. SC has not made retrospective environmental clearance legal**

The Vanashakti judgment may be paused, but its underlying principles — precaution, prevention and democratic...

2025-11-20

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The Indian Express

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The Indian Express

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Delhi High Court ruling, UK citizen travel plea: The Delhi High Court held that Article 21 must be balanced against the...

2025-11-19

[Read Full Article →](#)

We also provide a News Feed that fetches articles sorted by relevance to the legal field.

# Challenges & Solutions

## CHALLENGE: AI LATENCY

Generating summaries for 10 results sequentially took 15+ seconds.

## SOLUTION:

Implemented Python's ThreadPoolExecutor to fire 10 API requests in parallel. Reduced time to < 2s.

## CHALLENGE: FRONTEND STATE

History dropdown was closing before clicks registered due to 'blur' event.

## SOLUTION:

Added a setTimeout delay in main.js to allow event propagation.

## CHALLENGE: DATA CONSISTENCY

Scraping disparate legal sources resulted in duplicates and "spurious rows".

## SOLUTION:

Engineered a robust Pandas cleaning script to sanitize and normalize dataset structure.

# Conclusion

LegalToday bridges the gap between complex legal data and user intent.

**User-Friendly**

Interface

**AI**

Powered Context

**360°**

Integrated Ecosystem

## Future Scope

- Chat-with-PDF functionality.
- Multilingual support (Regional languages).
- OCR for scanned PDF documents.

**Thank You! Need any Legal Help?**