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 AI Legal Analysis

Understand any legal contract in minutes

Upload a doc and get simple explanations, risk flags, and negotiation tips. English + Hindi.
Privacy-first.

 Plain-language summaries Risk flags & why Legal Fitness Score

EN ↔ HI + TTS

 No-Save Mode**Drop your document here**

PDF, DOCX files up to 10MB

Gen AI Exchange Hackathon

Team Name : A Plus

Team Leader Name : Rachit Patel

Problem Statement : Generative AI for Demystifying Legal Documents

PROBLEM & SOLUTION

Problem : 90% of people sign contracts without understanding them due to complex legal jargon, hidden risks, language barriers, and expensive legal consultations.

Solution : Norm Advisor democratizes legal understanding through AI-powered document analysis, providing instant insights in plain language with bilingual support (English + Hindi).

KEY FEATURES & USP

Instant Analysis : Minutes instead of hours using Google Gemini Flash 1 & 2 AI models

Risk Detection : Automated clause categorization with 1-100 risk scoring

Bilingual Support : First AI legal analyzer with Indian law compliance + Hindi interface

Privacy-First : No-Save Mode for sensitive documents (GDPR compliant)

Interactive Q&A : Ask questions about specific clauses with context-aware responses

Legal Fitness Score : Overall document risk assessment

TECHNOLOGY STACK

Frontend : React 18 + TypeScript + Tailwind CSS + Vite

AI Integration : Google Gemini API (Dual-model processing)

Backend : Firebase Auth + Firestore + Cloud Storage

Document Processing : PDF.js + Mammoth.js for PDF/DOCX support

Authentication : Google OAuth integration

BUSINESS MODEL

Freemium : Free (3 docs/month) → Premium (₹299/month) → Enterprise (₹2,999/month)

Target Market : 63M+ small businesses, 15M+ freelancers, 200M+ internet users in India

Break-even : 250 premium users (Month 8-10)

Development Cost : ₹6.5L initial + ₹70K/month ongoing

IMPACT & METRICS

95%+ accuracy in clause identification

<30 seconds analysis time

90% cost reduction vs traditional legal consultation

Social Impact : Serves 500M+ Hindi speakers, improves legal literacy

COMPETITIVE ADVANTAGE

First AI legal analyzer with Indian Contract Act 1872 compliance

Dual-language support (EN + HI)

Privacy-first approach with no-save option

Real-time interactive analysis vs static reports

Affordable pricing vs expensive legal consultations

FUTURE ROADMAP

6 months : Mobile app, 10+ Indian languages, 50K users

1 year : AI contract generation, corporate dashboard, international expansion

2-3 years : Voice analysis, blockchain verification, 1M+ users

DEMO HIGHLIGHTS

1. Upload rental agreement →
2. Real-time AI processing →
3. Risk assessment →
4. Interactive Q&A →
5. Bilingual explanations

Opportunity should be able to explain the following:

- **Complex Legal Language**
 - Contracts filled with jargon that's hard to understand
- **Hidden Risks**
 - Critical clauses buried in lengthy documents
- **Language Barriers**
 - Limited access for non-English speakers
- **Time – Consuming**
 - Hours spent deciphering legal terms
- **Expensive Legal Consultation**
 - High costs for professional

“90% of people sign contracts without fully understanding them”

List of features offered by the solution

Smart Document Upload

- ✓ PDF & DOCX support
- ✓ Drag-and-drop interface
- ✓ Sample document testing



AI-Powered Analysis

- ✓ Google Gemini Flash 2 Integration
- ✓ Dual-model processing for accuracy
- ✓ Indian Contract Act 1872 compliance



Risk Assessment



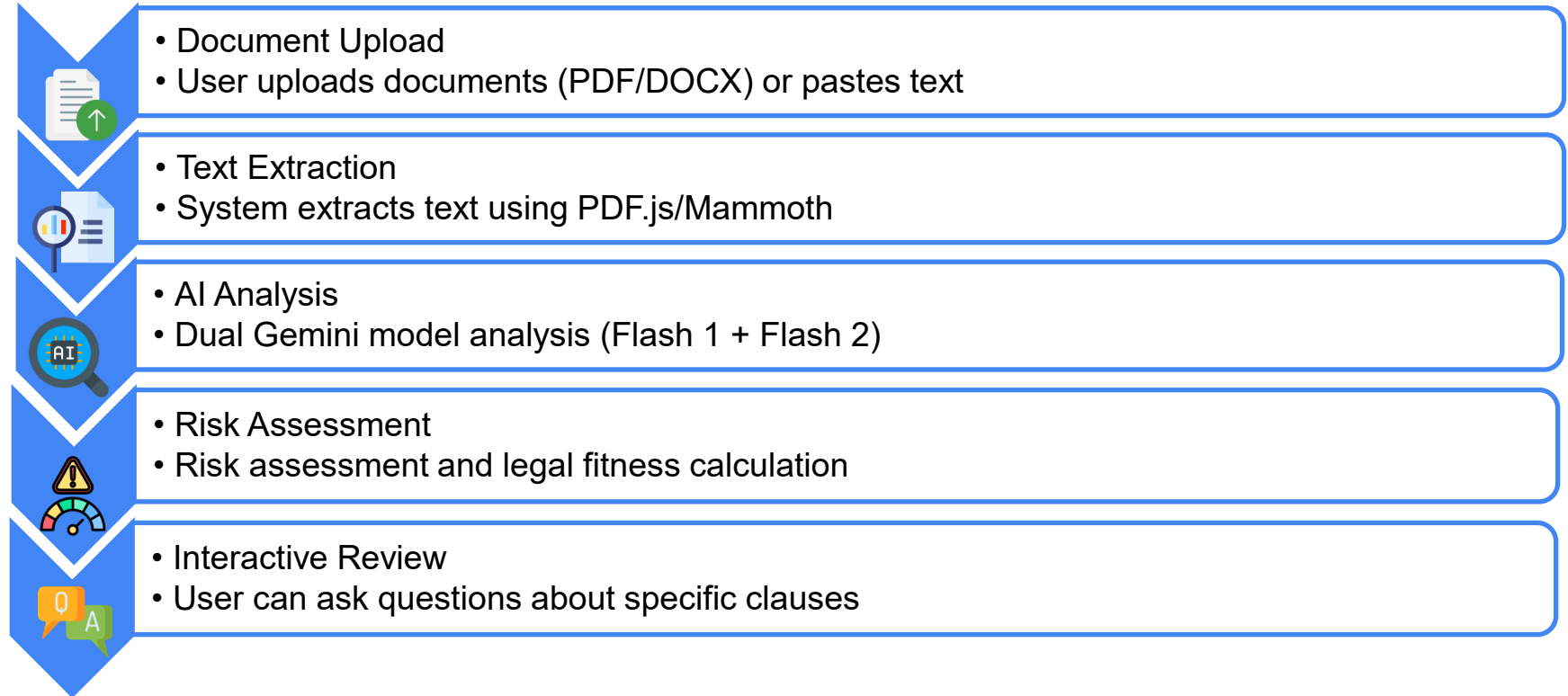
- ✓ Automated clause categorization
- ✓ Risk scoring (1-100 scale)
- ✓ Legal fitness score



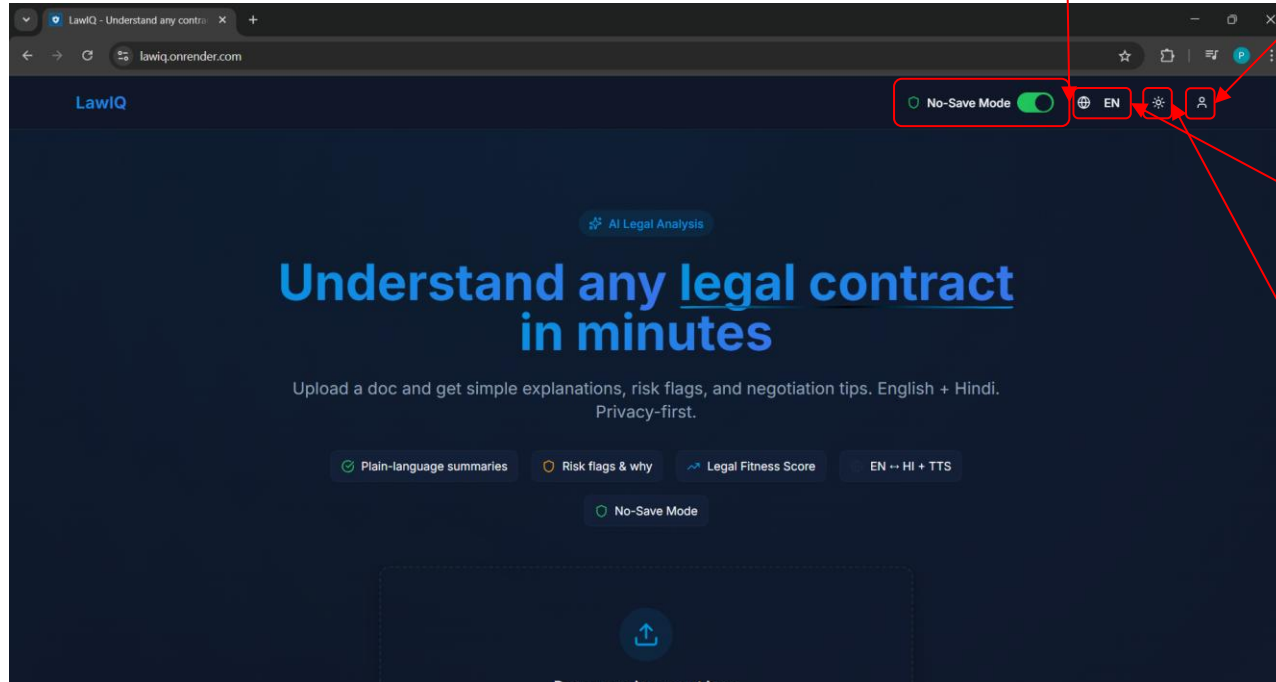
Interactive Q&A

- ✓ Ask question about specific clauses
- ✓ Context-aware responses
- ✓ Suggested question

Process flow diagram or Use-case diagram



Wireframes/Mock diagrams of the proposed solution



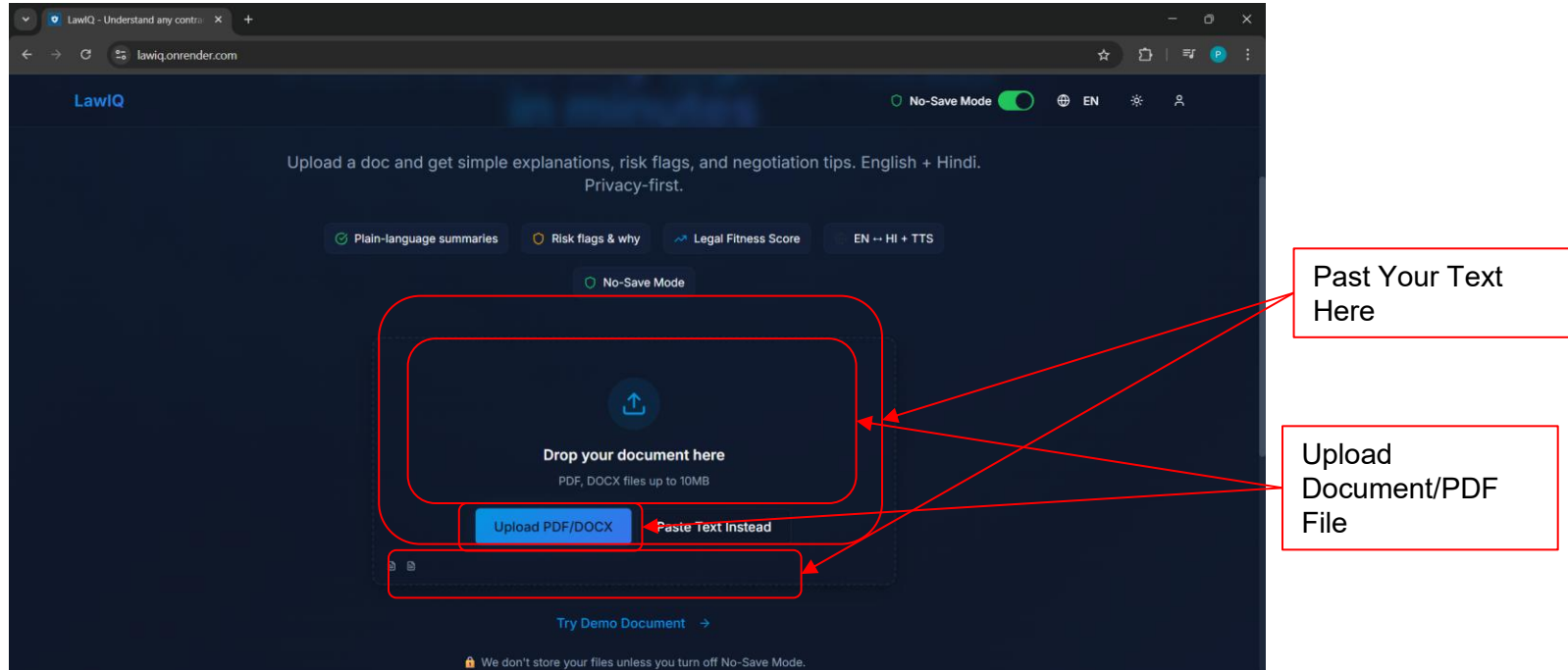
Auto Save Mode
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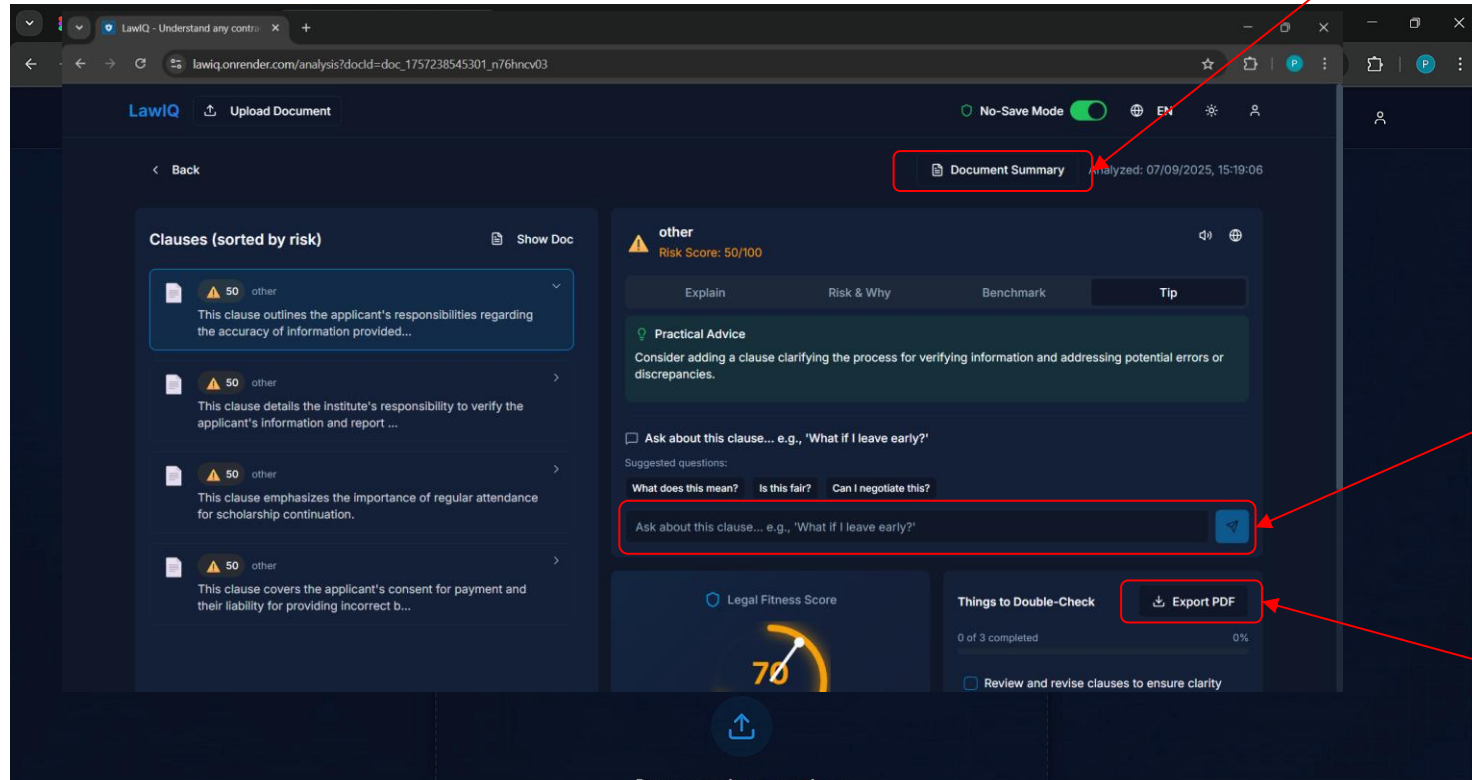
Change Language
Between English
and Hindi

Change Theme
Light/Dark Mode

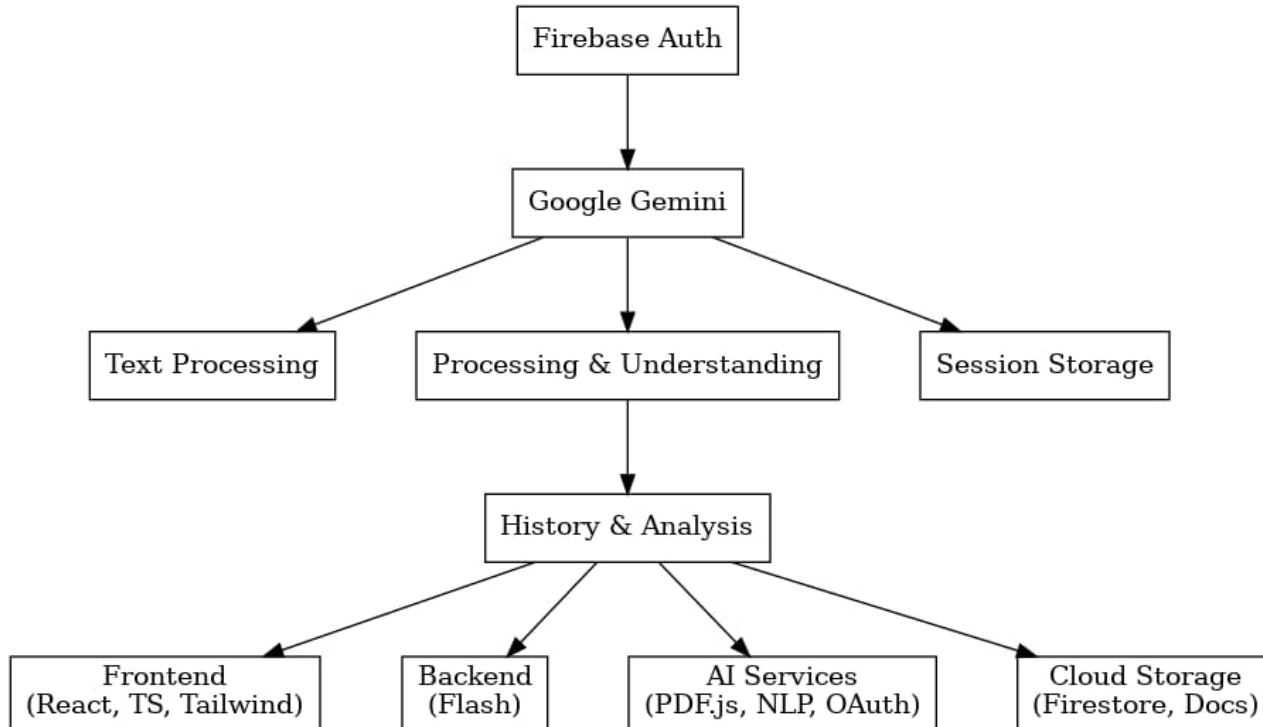
Wireframes/Mock diagrams of the proposed solution



Wireframes/Mock diagrams of the proposed solution



Architecture diagram of the proposed solution



Technologies to be used in the solution:

Frontend Technologies

Framework

React 18 with TypeScript

Build Tool

Vite for fast development

Styling

Tailwind CSS + shadcn/ui components

State Management

React Query for server state

Routing

React Router for navigation

Backend & Services

Authentication

Firebase Auth with Google OAuth

Database

Cloudinary & Firebase for document storage

File Processing

PDF.js for PDFs, Mammoth.js for DOCX

AI Integration

Google Gemini API (Flash 1 & 2 models)

Development & Deployment

Deployed in Render

Gen AI Exchange Hackathon

Thank you