DOCBREIF – Let's Verify Documents

Introduction

1.Problem Statement

Legal documents are often complex and filled with legal jargon, making it difficult for tenants and landlords to understand their rights and obligations. Many tenants unknowingly sign unfair contracts, leading to disputes, financial losses, and legal complications. Existing solutions primarily focus on contract review but do not provide localized legal rights, leaving users without the necessary legal backing to challenge unfair terms.

2. Our Solution

DOCBREIF is an AI-powered platform that simplifies rental agreements, highlights unfair clauses, and provides **legal rights based on location**. By combining document scanning and legal data retrieval, the platform ensures users have a clear understanding of their legal terms and protections available to them.

Key Features

1. Scan & Simplify legal Agreements

- AI scans legal agreements and extracts key details like rent, security deposit, maintenance, and penalties.
- Converts complex legal jargon into plain, easy-to-understand language.
- Provides translations in multiple languages (Hindi, English, Spain etc.) to increase accessibility.

2. Clause Risk Detection

- AI flags potentially unfair or illegal clauses.
- Provides legal explanations on why a clause might be unfair or unenforceable.

Why This Project is Unique?

- ➢ <u>**Empowers users**</u> – Helps people challenge unfair agreements with **legal proof**.
- ➢ <u>**Multilingual support**</u> – Increases accessibility for non-English speakers.
- ➢ <u>**Fast & AI-driven**</u> – Provides instant insights with document scanning and legal intelligence.

<u>Technology Stack</u>

Core Technologies

- **Frontend:** HTML, CSS and JavaScript (for web applications).
- **Backend:** Python (for managing legal rights database and APIs).

- **Database:** SQLite3 for storing legal data and user agreements.
- **APIs:** GOOGLE Gemini API (data summarization and translation)
- **Python Libraries:** PyPDF2, Python-docx (to modify and read legal documents).

Workflow

1. **User uploads legal agreement** → Pypdf2 extracts text.
2. **AI processes document** → Identifies key terms, clauses, and potential risks.
3. **Legal database checks** → Fetches relevant laws based on user location.
4. **User receives insights** → Simplified agreement, flagged risks, and legal rights.

Market Potential

Target Audience

- **Individuals** – Anyone dealing with rental, employment, or loan agreements.
- **Small Businesses & Startups** – To review and understand contracts without hiring a lawyer.
- **Legal Professionals** – To speed up initial contract reviews.
- **Property Managers & Real Estate Agents** – To ensure compliance with local laws.
- **General Public** – Anyone facing issues or confusion with legal agreements.– To integrate legal verification services.

Conclusion

DOCBREIF simplifies legal documents, ensures people know their rights, and prevents unfair legal disputes. By combining AI, legal intelligence, and document scanning, this project empowers users to make informed decisions with confidence.

Making legal agreements fair, transparent, and legally sound!