vibelegal

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⚖️ VibeLegal — AI-Powered Contract Drafting for Lawyers

VibeLegal is a lean MVP that enables legal professionals to generate clean, structured contracts using AI. Built with modern web tools and powered by LLMs (Groq/OpenAI), the app provides an efficient interface for secure document generation and management.

🚀 Features

Core Capabilities

- **AI Contract Generator**
  Draft legally formatted contracts instantly using GPT models.

- **Multiple Contract Types**
  Supports:

  - Employment Agreements

  - Non-Disclosure Agreements (NDAs)

  - Service Contracts

  - Independent Contractor Agreements

  - Purchase Agreements

- **Secure Authentication**
  Email/password login with JWT token-based access control.

- **Contract Management**
  Save, view, and retrieve previously generated contracts.

- **Responsive Design**
  Desktop + mobile optimized.

- **Legal Disclaimers**
  Every contract includes an AI usage disclaimer.

⚙️ Tech Stack

🖼️ Frontend – `frontend/`

- **Framework:** React 18

- **Styling:** Tailwind CSS + shadcn/ui

- **Routing:** React Router

- **State:** Context API for auth/session

- **Build Tool:** Vite

- **Icons:** `lucide-react`

🔧 Backend – `backend/`

- **Runtime:** Node.js with Express.js

- **Database:** PostgreSQL (via pg)

- **Authentication:** JWT, bcryptjs

- **AI API:** Groq/OpenAI GPT

- **Security:** CORS, input validation, rate limiting

📁 Database Schema

`users`

Field	Type	Description
id	UUID	Primary key
email	String	Unique user email
password_hash	String	Bcrypt hash
subscription_tier	Enum	`basic` / `premium`

Field	Type	Description
contracts_used_this_month	Int	Usage tracking
created_at	Timestamp	—

`contracts`

Field	Type	Description
id	UUID	Primary key
user_id	UUID	FK to `users`
title	String	User-supplied name
contract_type	String	Type of contract
content	Text	Full contract body
created_at	Timestamp	—

🧪 Development

Prerequisites

- Node.js (v18+)
- PostgreSQL
- Groq or OpenAI API key

Environment Setup

Create `.env` files for both frontend and backend.

`backend/.env` template:

PORT=5000 DATABASE_URL=postgresql://:@localhost:5432/vibelegal
JWT_SECRET=your_jwt_secret GROQ_API_KEY=your_groq_api_key

shell Copy Edit

`frontend/.env` template:

VITE_API_URL=http://localhost:5000

yaml Copy Edit

🛠️ Usage

```bash
# backend cd backend npm install npm run dev
```

frontend

cd frontend npm install npm run dev App should be accessible at: http://localhost:5173

🔒 Disclaimer LEGAL DISCLAIMER: This software uses AI to generate contracts. All output should be reviewed by a qualified attorney before use. This does not constitute legal advice.

📜 License MIT License (see LICENSE file)

✨ Status This is a Minimum Viable Product — future improvements may include:

Editable rich text contracts

Stripe integration

Premium user tier limits

PDF exports with signature blocks

Jurisdiction-specific templates

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