

# SANZEN Legal AI: Development Guide

**Author:** Manus AI **Date:** December 18, 2025

## 1. Introduction

This document provides a guide for developers who want to contribute to the SANZEN Legal AI platform. It covers the development setup, configuration, and deployment process.

## 2. Development Setup

To set up the development environment, you will need to have Node.js and pnpm installed on your machine. Then, follow these steps:

### 1. Clone the repository:

```
git clone https://github.com/amosantan/paris-group-legal-ai.git  
cd paris-group-legal-ai
```

### 2. Install dependencies:

```
pnpm install
```

### 3. Create a `.env` file in the root directory and add the following environment variables:

```
DATABASE_URL="your_supabase_database_url"  
GEMINI_API_KEY="your_gemini_api_key"  
LLM_PROVIDER="gemini"  
JWT_SECRET="your_jwt_secret"
```

#### 4. Run the development server:

```
pnpm run dev
```

This will start the backend server on `http://localhost:3000` and the frontend development server on `http://localhost:5173`.

## 3. API Documentation

---

The backend API is built with tRPC, which provides type-safe API calls without the need for a separate API specification. The available procedures are defined in `server/routers.ts`. You can explore the available procedures and their input/output types directly in the code.