

Dikoras Project Structure

Frontend Structure

```
frontend/
  ■■■ public/
  ■   ■■■ index.html
  ■   ■■■ favicon.ico
  ■■■ src/
  ■   ■■■ assets/                # Static assets (images, fonts)
  ■   ■■■ components/           # Reusable UI components
  ■     ■ ■■■ Navbar.jsx
  ■     ■ ■■■ Footer.jsx
  ■     ■ ■■■ LawyerCard.jsx
  ■   ■■■ pages/                # Main pages
  ■     ■ ■■■ Home.jsx
  ■     ■ ■■■ Login.jsx
  ■     ■ ■■■ Register.jsx
  ■     ■ ■■■ ClientDashboard.jsx
  ■     ■ ■■■ LawyerDashboard.jsx
  ■     ■ ■■■ CaseDetails.jsx
  ■     ■ ■■■ NotFound.jsx
  ■   ■■■ context/              # React context providers
  ■     ■ ■■■ AuthContext.jsx
  ■   ■■■ hooks/                # Custom React hooks
  ■     ■ ■■■ useAuth.js
  ■   ■■■ services/             # API interaction logic (Axios)
  ■     ■ ■■■ authService.js
  ■     ■ ■■■ caseService.js
  ■     ■ ■■■ userService.js
  ■   ■■■ utils/                # Utility functions/helpers
  ■     ■ ■■■ validators.js
  ■   ■■■ App.jsx                # App entry point
  ■   ■■■ main.jsx               # Main render file (ReactDOM)
  ■   ■■■ router.jsx             # Route configuration
  ■■■ tailwind.config.js         # TailwindCSS config
  ■■■ postcss.config.js         # PostCSS config
  ■■■ vite.config.js            # Vite bundler config
  ■■■ .env                      # Environment variables
  ■■■ .gitignore
  ■■■ package.json              # Project metadata and scripts
  ■■■ package-lock.json         # Locked dependency versions
```

Backend Structure

```
backend/
  ■■■ app/
  ■   ■■■ __init__.py           # Application factory and initialization
  ■   ■■■ config.py             # Configuration settings (dev, prod, test)
  ■   ■■■ models/               # Database models (SQLAlchemy)
  ■     ■ ■■■ __init__.py
  ■     ■ ■■■ user.py           # Base User model with authentication
  ■     ■ ■■■ client.py         # Client-specific attributes
  ■     ■ ■■■ lawyer.py         # Lawyer profile and credentials
  ■     ■ ■■■ case.py           # Case management model
  ■     ■ ■■■ billing.py        # Payment and invoice models
```

■ ■ ■■ review.py	# Review and rating system
■ ■■■ routes/	# API route handlers
■ ■ ■■ __init__.py	
■ ■ ■■ auth.py	# Authentication endpoints
■ ■ ■■ clients.py	# Client-specific API routes
■ ■ ■■ lawyers.py	# Lawyer management APIs
■ ■ ■■ cases.py	# Case handling endpoints
■ ■ ■■ admin.py	# Administrative functions
■ ■■■ services/	# Business logic and external services
■ ■ ■■ __init__.py	
■ ■ ■■ email_service.py	# Email notification system
■ ■ ■■ payment_service.py	# Payment processing (Stripe/PayPal)
■ ■ ■■ matching_service.py	# Lawyer-case matching algorithm
■ ■■■ utils/	# Utility functions and helpers
■ ■ ■■ __init__.py	
■ ■ ■■ validation.py	# Input validation and sanitization
■ ■ ■■ security.py	# Security utilities and password handling
■ ■ ■■ helpers.py	# Common helper functions
■ ■■■ templates/	# Email templates
■ ■■ email_verification.html	
■ ■■ case_update.html	
■ ■■ invoice.html	
■■■ migrations/	# Database migration scripts
■■■ tests/	# Backend test suite
■ ■■ __init__.py	
■ ■■ test_models.py	
■ ■■ test_routes.py	
■ ■■ test_services.py	
■■■ requirements.txt	# Python dependencies
■■■ run.py	# Application entry point
■■■ .env	# Environment variables