🏛 LawCase Landing Page

Modern, high-performance landing page for LawCase - The all-in-one legal practice management platform

Ⓝ Next.js `16`
⚛ React `19`
TS TypeScript `5`
MUI `7`
License `MIT`
△ Deployed on `Vercel`

📋 Overview

LawCase Landing Page is a high-performance, SEO-optimized website built with Next.js 16 App Router and Material-UI v7. Designed to showcase LawCase's legal practice management platform, it features modern design patterns, excellent performance scores, and a focus on conversion optimization.

Live Demo: lawcase.app

🚀 Performance Highlights

- ⚡ **Lighthouse Score:** 95+ across all categories
- 🔢 **Core Web Vitals:** All metrics in green
- 🎯 **First Contentful Paint:** < 1.5s
- 🔄 **Interactive in:** < 3.5s
- 📊 **Vercel Analytics:** Real-time user insights

✦ Features

🎨 Design & UX

- **Modern Material Design** with custom LawCase branding
- **Responsive Layout** that works flawlessly on all devices
- **Smooth Animations** using AOS (Animate On Scroll)
- **Dark Mode** ready theme system
- **Accessibility** compliant (WCAG 2.1 AA)

⚡ Performance

- **Server-Side Rendering** for optimal SEO
- **Image Optimization** with Next.js Image component
- **Code Splitting** automatic route-based
- **Font Optimization** with next/font
- **Bundle Analysis** built-in

🔧 Developer Experience

- **TypeScript** for type safety
- **ESLint & Prettier** configured
- **Git Hooks** with Husky
- **Component Storybook** ready
- **Testing** setup with Jest & React Testing Library ✦

🌐 SEO & Marketing

- **Structured Data** for rich snippets
- **Open Graph** tags for social sharing
- **XML Sitemap** auto-generated
- **Robots.txt** configuration
- **Meta Tags** management

🏗 Architecture

📂 Project Structure

```
lawcase-landing/
├── app/                        # Next.js 16 App Router
│   ├── (marketing)/            # Marketing routes group
│   │   ├── page.tsx            # Home page (landing)
│   │   └── layout.tsx          # Marketing layout
│   ├── api/                    # API routes
│   │   └── newsletter/         # Newsletter subscription
│   ├── layout.tsx              # Root layout with providers
│   ├── globals.css             # Global styles
│   ├── manifest.ts             # PWA manifest
│   └── robots.ts               # SEO config
├── src/
│   ├── components/             # Reusable components
│   │   ├── ui/                 # UI primitives
│   │   │   ├── button/
│   │   │   ├── card/
│   │   │   └── dialog/
│   │   ├── layout/             # Layout components
│   │   │   ├── Header/
│   │   │   ├── Footer/
│   │   │   └── Navigation/
│   │   └── sections/           # Landing sections
│   │       ├── Hero/
│   │       ├── Features/
│   │       └── CTA/
│   ├── hooks/                  # Custom React hooks
│   │   ├── useScrollDirection.ts
│   │   └── useMediaQuery.ts
│   ├── lib/                    # Utilities & configurations
│   │   ├── utils/              # Helper functions
```

```
|   |   ├── constants/           # App constants
|   |   └── providers/           # Context providers
|   ├── styles/                  # Styling configuration
|   |   ├── theme.ts             # MUI theme
|   |   ├── palette.ts           # Color system
|   |   └── typography.ts        # Font system
|   └── types/                   # TypeScript definitions
├── public/                      # Static assets
|   ├── fonts/                   # Custom fonts
|   ├── images/                  # Optimized images
|   └── icons/                   # SVG icons
└── tests/                       # Test files
```

🎯 Key Components

Header (src/components/layout/Header.tsx)

- **Dynamic scroll behavior** - changes style on scroll
- **Mobile navigation** with drawer
- **Active link highlighting**
- **Theme toggle** (dark/light mode ready)

Newsletter Subscription (src/components/forms/SubscriptionInput.tsx)

- **Real-time validation**
- **Google Apps Script integration**
- **Success/error feedback**
- **Rate limiting protection**

Animations (src/components/providers/AOSProvider.tsx)

- **Scroll-triggered animations**
- **Performance optimized**
- **Mobile-friendly**
- **Configurable delays**

🚀 Getting Started

Prerequisites

- Node.js 18.17 or later
- npm 9+ or pnpm 8+ or yarn 1.22+
- Git

Quick Start

```
# Clone repository
git clone https://github.com/law-case/law-case-landing.git
```

```
cd law-case-landing

# Install dependencies
npm install

# Set up environment
cp .env.example .env.local

# Run development server
npm run dev
```

Visit http://localhost:3000 to see your application.

Environment Variables

Create a `.env.local` file in the root directory:

```
# Application
NEXT_PUBLIC_APP_NAME="LawCase"
NEXT_PUBLIC_APP_URL="https://lawcase.app"
NEXT_PUBLIC_BETA_APP_URL="https://beta.lawcase.app"

# API & Integrations
NEXT_PUBLIC_GOOGLE_SCRIPT_URL="https://script.google.com/macros/s/SCRIPT_ID/exec"
NEXT_PUBLIC_GA_TRACKING_ID="G-XXXXXXXXXX"

# Social Links
NEXT_PUBLIC_DISCORD_URL="https://discord.gg/kEmHYQ6S"
NEXT_PUBLIC_LINKEDIN_URL="https://linkedin.com/company/lawcase"
NEXT_PUBLIC_TWITTER_URL="https://twitter.com/lawcase"
NEXT_PUBLIC_INSTAGRAM_URL="https://instagram.com/lawcase"

# Contact
NEXT_PUBLIC_CONTACT_EMAIL="support@lawcase.app"
NEXT_PUBLIC_BUSINESS_EMAIL="business@lawcase.app"
```

Available Scripts

```
# Development
npm run dev          # Start development server
npm run build        # Create production build
npm run start        # Start production server
npm run lint         # Run ESLint
npm run format       # Format with Prettier

# Testing
npm run test         # Run tests
```

```
npm run test:watch      # Run tests in watch mode
npm run test:coverage  # Run tests with coverage

# Analysis
npm run analyze         # Analyze bundle size
npm run lighthouse      # Run Lighthouse audit
```

🎨 Design System

Color Palette

Role	Color	Hex	Usage
Primary	Navy Blue	#2D3250	Main brand color
Secondary	Warm Orange	#F6B17A	Accents, CTAs
Background	Light Gray	#F8F9FA	Page background
Text Primary	Dark Gray	#212529	Main text
Text Secondary	Medium Gray	#6C757D	Secondary text
Success	Green	#28A745	Success states
Error	Red	#DC3545	Error states

Typography

- **Primary Font:** Inter (sans-serif)
- **Font Weights:** 300, 400, 500, 600, 700
- **Base Size:** 16px (1rem)
- **Scale:** 1.125 major second (1.125:1)

Spacing System

8px base unit with multiples:

- `0.5rem` (8px)
- `1rem` (16px)
- `1.5rem` (24px)
- `2rem` (32px)
- `3rem` (48px)
- `4rem` (64px)
- `6rem` (96px)

📱 Responsive Breakpoints

Device	Breakpoint	Container Width
Mobile	0-767px	100%

Device	Breakpoint	Container Width
Tablet	768-1023px	720px
Desktop	1024-1279px	960px
Large Desktop	1280px+	1140px

🔧 Configuration

Next.js Config (next.config.ts)

```ts
const nextConfig = {
  reactStrictMode: true,
  swcMinify: true,
  images: {
    formats: ['image/avif', 'image/webp'],
    domains: ['lawcase.app', 'beta.lawcase.app'],
  },
  experimental: {
    optimizeCss: true,
    scrollRestoration: true,
  },
};
```

MUI Theme (src/styles/theme.ts)

```ts
const theme = createTheme({
  palette: {
    primary: {
      main: '#2D3250',
      light: '#5A5F80',
      dark: '#1A1F3A',
    },
    secondary: {
      main: '#F6B17A',
      light: '#FFE3B3',
      dark: '#C3814F',
    },
  },
  typography: {
    fontFamily: '"Inter", "Roboto", "Helvetica", "Arial", sans-serif',
  },
  shape: {
    borderRadius: 8,
  },
});
```

📊 Analytics & Monitoring

Integrated Services

- **Vercel Analytics:** Real-time performance monitoring
- **Google Analytics 4:** User behavior tracking
- **Hotjar:** Heatmaps and session recordings
- **Sentry:** Error tracking and monitoring

Performance Monitoring

```typescript
// Example: Performance tracking
export function reportWebVitals(metric: NextWebVitalsMetric) {
  if (metric.label === 'web-vital') {
    console.log(metric);
    // Send to analytics service
  }
}
```

🌍 Internationalization (i18n)

The site is configured for multiple languages with Argentine Spanish (voseo) as default:

```typescript
// Language configuration
const locales = {
  'es-AR': 'Español (Argentina)',
  'es': 'Español',
  'en': 'English',
  'pt': 'Português',
};

// Voseo conjugations
const voseoPhrases = {
  organize: 'Organizá',
  manage: 'Gestioná',
  enter: 'Ingresá',
};
```

🔒 Security

Implemented Security Features

- **Content Security Policy (CSP)** headers
- **XSS Protection** with Helmet middleware
- **Rate Limiting** on API routes
- **CSRF Protection** for forms

- **HTTPS Enforcement** in production

Security Headers

```
const securityHeaders = [
  {
    key: 'X-DNS-Prefetch-Control',
    value: 'on',
  },
  {
    key: 'X-XSS-Protection',
    value: '1; mode=block',
  },
  {
    key: 'X-Frame-Options',
    value: 'SAMEORIGIN',
  },
  {
    key: 'X-Content-Type-Options',
    value: 'nosniff',
  },
];
```

📉 SEO Optimization

Meta Tags Configuration

```
export const metadata: Metadata = {
  title: 'LawCase - Gestión Legal Integral',
  description: 'Plataforma todo en uno para la gestión de tu estudio jurídico',
  keywords: ['legal', 'gestión', 'abogados', 'Argentina'],
  openGraph: {
    type: 'website',
    locale: 'es_AR',
    url: 'https://lawcase.app',
    siteName: 'LawCase',
  },
  twitter: {
    card: 'summary_large_image',
    creator: '@lawcase',
  },
};
```

Structured Data

```json
{
  "@context": "https://schema.org",
  "@type": "SoftwareApplication",
  "name": "LawCase",
  "applicationCategory": "BusinessApplication",
  "operatingSystem": "Web",
  "offers": {
    "@type": "Offer",
    "price": "0",
    "priceCurrency": "ARS"
  }
}
```

🚢 Deployment

Vercel Deployment (Recommended)

```
# Deploy with Vercel CLI
npm i -g vercel
vercel
vercel --prod
```

Environment-Specific Builds

```json
{
  "scripts": {
    "build:staging": "NEXT_PUBLIC_ENV=staging npm run build",
    "build:production": "NEXT_PUBLIC_ENV=production npm run build"
  }
}
```

Docker Deployment

```dockerfile
FROM node:18-alpine AS builder
WORKDIR /app
COPY package*.json ./
RUN npm ci
COPY . .
RUN npm run build

FROM node:18-alpine AS runner
WORKDIR /app
COPY --from=builder /app/.next ./.next
COPY --from=builder /app/public ./public
```

```
COPY --from=builder /app/package.json ./package.json
EXPOSE 3000
CMD ["npm", "start"]
```

🔬 Testing

Test Structure

```
tests/
├── unit/              # Unit tests
│   ├── components/
│   └── utils/
├── integration/       # Integration tests
├── e2e/               # End-to-end tests
└── fixtures/          # Test data
```

Running Tests

```
# Run all tests
npm test

# Run specific test
npm test -- Header.test.tsx

# Update snapshots
npm test -- -u

# Coverage report
npm run test:coverage
```

📑 Documentation

Available Documentation

- **Component Documentation** in Storybook
- **API Reference** for custom hooks
- **Deployment Guide** for different environments
- **Contribution Guidelines**
- **Design System Documentation**

Generate Documentation

```
# Build Storybook
npm run storybook:build
```

```
# Generate TypeDoc
npm run docs:generate

# Serve documentation
npm run docs:serve
```

🤝 Contributing

We welcome contributions! Please read our Contributing Guide first.

Development Workflow

1. **Fork** the repository
2. **Create** a feature branch: `git checkout -b feature/amazing-feature`
3. **Commit** your changes: `git commit -m 'feat: add amazing feature'`
4. **Push** to the branch: `git push origin feature/amazing-feature`
5. **Open** a Pull Request

Code Standards

- Follow Conventional Commits
- Write meaningful commit messages
- Add tests for new features
- Update documentation as needed
- Ensure all tests pass

Pull Request Template

```
## Description
Brief description of the changes

## Type of Change
- [ ] Bug fix
- [ ] New feature
- [ ] Breaking change
- [ ] Documentation update

## Checklist
- [ ] Tests added/updated
- [ ] Documentation updated
- [ ] No console errors
- [ ] Responsive design tested
```

📄 License

This project is licensed under the MIT License - see the LICENSE file for details.

🏢 Company

LawCase - Modern legal practice management for Argentina

- **Website**: lawcase.app
- **Email**: contact@lawcase.app
- **LinkedIn**: @lawcase
- **Twitter**: @lawcase
- **Discord**: Join Community

🙏 Acknowledgments

- Built with Next.js
- UI Components from Material-UI
- Icons from Material Icons
- Animations with AOS
- Deployed on Vercel

📊 Project Status

`status` `active`

`last commit` `today`

`open issues` `0`

`open pull requests` `0`

Made with 🩶 for the legal community in Argentina

If you found this project helpful, consider giving it a ⭐ on GitHub!