📂 Document Management System - Admin Panel

Hey there! 👋 Welcome to my Document Management System Admin Panel.  
  
This project was part of my Allsoft Front-End Developer Assignment, where I was asked to create a modern and responsive web app for managing documents, users, and system operations.  
  
Think of it as a control center where admins can upload, search, and organize files — while also keeping users and permissions under control.

# 🎯 What This App Does

* Upload & Manage Documents – with categories, subcategories, and tags
* Search Files – real-time search with debouncing for smooth results
* Manage Users – accounts, permissions, and roles
* Organize Content – neat folder structures to keep things tidy
* Generate Reports – get insights into system usage
* Secure Login – OTP-based authentication

# ✨ Key Features I’m Proud Of

* Modern UI/UX – Clean layout, smooth animations, intuitive navigation
* Responsive by Default – Works on desktop, tablet, and mobile
* Smart Tagging System – Create and search tags dynamically
* Dynamic Dropdowns – API-driven categories/subcategories
* Beautiful Feedback – Success messages and confirmation modals

# 🛠️ Tech Stack

* React 19 (with hooks & functional components)
* Vite (fast build + dev server 🚀)
* Tailwind CSS (utility-first styling)
* Ant Design (for forms and UI elements)
* ESLint + Git + VS Code (for quality & workflow)

# ⚡ Getting Started

### Prerequisites  
Before running this project, make sure you have:  
- Node.js (v16+)  
- npm (comes with Node.js)  
- Git (to clone the repo)

####### Run the App

1. Clone the repository  
 git clone <your-repository-url>  
 cd my-project

2. Install dependencies  
 npm install

3. Start the dev server  
 npm run dev  
 👉 App runs at http://localhost:5173

4. Build for production (optional)  
 npm run build

# 📁 Project Structure (Simplified)

src/  
 ├── components/ # Reusable UI components  
 ├── pages/ # Main app pages (Dashboard, Upload, Search, etc.)  
 ├── coreApi/ # API integration (auth, upload, etc.)  
 ├── config/ # API endpoints & settings  
 ├── utils/ # Helper functions  
 └── assets/ # Images, logos

# 🐛 Troubleshooting

Dependencies not installing?  
 npm cache clean --force  
 rm -rf node\_modules package-lock.json  
 npm install

Dev server won’t start?  
 npx kill-port 5173  
 npm run dev

Build errors?  
 rm -rf dist  
 npm run build

# 📚 What I Learned

* Using the latest React features & hooks
* Handling frontend-backend integration cleanly
* Building responsive layouts that just work
* Designing with user experience in mind
* Writing cleaner, maintainable code

# ✅ Assignment Checklist

* Modern React App (React 19 + Hooks)
* Responsive Design (Desktop, Tablet, Mobile)
* Professional UI/UX (Clean & Intuitive)
* Secure OTP Login System
* Document Upload, Search & Management
* API Integration (auth, file upload, tags)

# 📄 License

This project was built as part of the Allsoft Front-End Developer Assignment.

✨ Thanks for checking out my work! If you want to dive deeper, feel free to reach out — I’d be happy to walk you through the code. 🚀