

Abstract

RentEase: A Modern Property Rental Web Platform

The "RentEase" project is a dynamic, user-centric web application designed to streamline the process of discovering and exploring residential rental properties. Developed using HTML, CSS, and JavaScript with Vite as the build tool, the platform emphasizes a seamless user experience, responsive design, and interactive features for property seekers.

The platform features a visually engaging homepage that introduces users to available rental listings with advanced filtering options by type, price range, and number of bedrooms. A real-time search function enhances usability, while a responsive layout ensures compatibility across devices. The application includes detailed property modals showcasing image galleries, property features, agent contact details, and amenities to assist users in making informed decisions.

User authentication interfaces—Login and Sign Up pages—are also integrated, enabling basic session management for personalized experiences such as marking favorite properties. The core logic is powered by a robust JavaScript backend that manages data rendering, modal interactions, gallery navigation, and filter application.

Overall, RentEase offers a modern, efficient solution to bridge the gap between property renters and rental listings, catering to the growing demand for digital real estate discovery in urban India.