

Real Estate Web Portal – A Property Listing Website with an Interactive Map

The **Real Estate Web Portal** is a dynamic online platform that allows buyers, sellers, and real estate agents to **list, search, and manage properties** efficiently. The portal provides an **interactive map-based search feature**, allowing users to browse properties based on location, price range, property type, and amenities.

The key features of the platform include **user authentication, advanced search filters, property listing management, mortgage calculators, virtual property tours, and integrated chat systems for buyer-seller communication**. Each property listing includes **high-resolution images, videos, and location details**, improving the user experience.

The **interactive map** will be developed using **Google Maps API or OpenStreetMap**, allowing users to view nearby landmarks, schools, hospitals, and transportation facilities. The backend will be built using **Django/Flask with PostgreSQL/MySQL**, while the frontend will leverage **React.js/Vue.js for a modern UI**.

To enhance functionality, **AI-based property recommendations** will be implemented, suggesting properties based on user preferences and browsing history. Security features such as **SSL encryption, secure login authentication, and role-based access control** will be incorporated.

This project aims to provide a **user-friendly and efficient real estate platform** that simplifies property searching and transactions, making it a **valuable tool for buyers, sellers, and agents**.