**ABSTRACT**

The rapid digitalization of the real estate industry has increased the demand for efficient, user-friendly property listing platforms. This project focuses on the **design and development of a real estate listing platform** with **advanced search functionality and map integration** to enhance user experience and streamline property discovery.

The proposed system allows users to browse, search, and filter real estate listings based on various parameters such as location, price, property type, and features. The integration of **Google Maps API/OpenStreetMap** enables interactive geolocation-based property searches, providing users with a dynamic and visually intuitive experience.

The platform is built using **React (Next.js) for the frontend, Supabase for the backend, Clerk SDK for authentication, and Tailwind CSS for styling**, ensuring a responsive and scalable design. The system also includes **a user-friendly dashboard for property management**, enabling sellers and agents to list properties efficiently.

This project aims to bridge the gap between real estate buyers, sellers, and agents by offering a modern, robust, and feature-rich platform. Future enhancements may include AI-based property recommendations and predictive analytics to further optimize property searches and user engagement.