Real Estate Website: A Digital Solution for Property Management and Transactions

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Abstract*: This research paper presents the design and development of a real estate website that streamlines property buying, selling, and renting processes. The platform integrates modern web technologies to offer an interactive and user-friendly interface with advanced search functionalities, interactive maps, secure payment processing, and user management features. By leveraging Python (Flask/FastAPI) for the backend and Tailwind CSS for the frontend, the system ensures high performance, security, and scalability. The paper discusses the methodology, implementation, and impact of the platform on real estate transactions, aiming to enhance user experience and market accessibility.*

Keywords: Real Estate, Property Listings, Online Marketplace, User Management, Interactive Maps, Secure Transactions, Python, Flask, FastAPI, Tailwind CSS