

ABSTRACT

The development of modern technology has changed the way people access services, including in the field of accommodation search. Students studying in different cities often experience difficulties in finding suitable housing, mainly due to limited access to information, inefficiency of the search process, and lack of clarity regarding facilities and property price structure. To overcome these problems, the web-based LivinHome platform was developed using the ReactJS framework. This application is designed to facilitate interaction between tenants and homeowners, providing a comprehensive solution in searching, booking, and managing accommodation. The development method includes designing the frontend architecture using React, implementing key features such as authentication, housing search, user profile management, and order submission. Supporting technologies used include Vite, TypeScript, and Single Page Application (SPA) approach to optimize user experience. The evaluation results show that all planned features have been implemented well, meeting the defined functional requirements. The LivinHome application is not only a solution for accommodation needs, but also provides easy access to information and interaction between tenants and homeowners.

Keywords: *LivinHome, ReactJS, Accommodation, Frontend Development, Web Application, Tenant, Owner.*