ABSTRACT

LivinHome, is an innovative website-based boarding house rental system. Introducing smart solutions to simplify the process of finding and renting a boarding house, providing an optimal experience for renters and property owners. In the development context, LivinHome uses the Laravel framework and REST API to ensure efficiency, sustainability and good management. This case study covers the analysis, design, implementation, and backend testing stages of LivinHome, explaining how the platform overcomes challenges in the boarding house rental industry by integrating advanced features such as preference-based filters, virtual boarding house viewing, and a secure payment system. With a focus on security, user trust and service quality, LivinHome is a successful example of the application of technology in providing smart solutions for modern boarding house rental needs.

Keywords: *LivinHome, Laravel, REST API*