

ABSTRACT

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DEVELOPMENT OF A WEB-BASED BOARDING HOUSE MANAGEMENT INFORMATION SYSTEM AT TRIE KOST DEPOK

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(xv + 82 + Appendices)

In Trie boarding house, an Android-based application has previously been created that allows the boarding house admin to record boarding room rental data, such as room data, occupants, and boarding room rentals. However, the application still has limitations in terms of functionality and accessibility. Therefore, this research aims to develop a web-based boarding house management application. In order to overcome the shortcomings of the Android-based application that has been made before. Through the addition of new features such as the boarding payment reminder feature via WhatsApp, the ability to confirm boarding payments through the system, and the feature to print boarding payment receipts as proof of transactions. In developing of this application, the SDLC waterfall model method is used which consists of a series of structured stages starting from planning, analysis, design, implementation, and testing. And by utilizing technology and tools such as PHP, Bootstrap, and MySQL web-based applications are successfully created. Then from the results of the Blackbox trials that have been carried out show that all features made have functioned properly according to the expected test scenario. Overall, this research not only successfully implements new application features, but also provides direction for future application development to make it even better.

Bibliography (2005-2023)