

ABSTRACT

Kos Mabes Cq is a boarding house rental business consisting of two boarding houses. The first boarding house has 16 rooms, while the second boarding house has 14 rooms. Both boarding houses are equipped with the same facilities. Currently the payment process is done once a month and payments are made according to the tenant's move-in date. Payment data is still processed by recording it in the payment ledger. In processing non-digital systems, there are obstacles, including difficulties in checking tenant payment status, checking data and searching for tenant data. In connection with these problems, we have built a web information system that supports boarding house owners with various management and financial tasks. This system helps boarding house renters pay boarding houses, provides boarding house information to prospective renters, and helps boarding house owners in managing boarding houses. This system was designed using the waterfall method with stages of analysis, design, design, implementation. The programming language used is PHP, Laravel framework, and MySQL database. The test results using Blackbox Testing and User Acceptance Testing (UAT) show that the system functions optimally with a test success rate of 95% and a user satisfaction rate of 85.33%. This system is expected to improve the efficiency of boarding house management and provide a better experience for users.

Keywords: *System Development, Boarding House, Boarding House Management, Laravel, Waterfall*