ABSTRACT

Telkom University is a university that has a lot of students. To introduce the university to new students, each new student is required to enter the dormitory for 2 semesters. With the aim of introducing the campus environment, as well as providing soft skills that will be useful in lectures. To convey student complaints that were felt while in the dormitory, a Boarding Maintenance application was built which could submit complaints directly to the hostel manager. This application was built using the waterfall method, using the PHP programming language with the CodeIgniter Framework and using a MySQL database. In designing applications using Use Cases, Class Diagrams, Sequences, Use Case Scenarios and ERD. The results of the blackbox testing can be concluded that this application can help students submit their complaints to the boarding house management.

Keywords: Telkom University Dormitory, PHP, MySQL, Blackbox Testing