ABSTRACT

Telkom University dormitory is a place to stay for new students for the next year until Telkom University accepts new students. And guarding each building is a helpdesk person in a dormitory building. The thing that often becomes a problem is the student data of the dormitory residents is only stored on a paper wrapped in a plastic folder, sometimes the paper can be lost, damaged, etc. Then boarding permits are also conveyed directly to the helpdesk, sometimes the helpdesk is not always available so it is difficult to apply for a permit. Furthermore, the arrival of packages is only notified through group chats so they are often drowned by other chats so that students do not get package information, and visiting guests who want to visit relatives to the dormitory without knowing the address of the intended student building can be easy to meet. So with that, a Telkom University Dormitory Application with a helpdesk module is needed that can facilitate the helpdesk to manage student data, manage hostel permits, manage package arrivals, and manage student guest visits. This application is built using the PHP programming language, the CodeIgniter Framework and the database management system (DBMS) using MySQL, the application development method uses the Waterfall Method.

Keywords: Telkom University Dormitory, MySQL, PHP, CodeIgniter.