

ABSTRACT

Yayasan Pendidikan Telkom is one of the foundations engaged in education and technology development. In carrying out educational and technological development activities, Yayasan Pendidikan Telkom manages various assets used in these activities. Yayasan Pendidikan Telkom has used an application called SIMLOG to carry out its asset procurement and management, but the application is not adaptable for integration with other applications. The recording of building insurance by Yayasan Pendidikan Telkom is still done manually. This study proposes a solution to overcome this problem by developing an application that can be used to manage assets after the asset procurement process from SIMLOG. The functionalities of this application include asset recording, asset placement, asset cards, asset monitoring cards, and building insurance recording. The method used to develop this application is Entity Relationship Diagram (ERD), use case diagram, sequence diagram, class diagram, MySQL database, Hypertext Preprocessor (PHP) programming language, uses the System Development Life Cycle (SDLC) method with a prototype type, and application testing is carried out using the Black Box Testing method. Applications that have been developed can be implemented.

Keywords: Yayasan Pendidikan Telkom, Procurement, Asset, Application, Insurance Technology.