

ABSTRACT

Vocational High School (SMK) Telkom Bandung is an educational institution of Telkom Education Foundation that resides on Jl Radio PalasariKelurahanCiteureup district Dayeuhkolot Bandung. In supporting the teaching and learning activities, SMK Telkom Bandung requires some fixed assets that in large number. Every class has supporting learning assets such as computers, cabinets, tables, chairs, projectors, air conditioning (Air Conditioner), and others. Since the beginning, from the assets is acquired until they exchanged, there is no appropriate administration. For the fixed assets that have been recognized by SMK Telkom Bandung, there is no codification for each of them so the list of fixed assets become unstructured and hard to know the existence or number of them. Based on the issues that described, we built web applications that can manage the acquisition of fixed assets and exchange of fixed assets and mobile applications can be used to scan the existing codification on each of them. Web and mobile based applications are built with data flow methods with the development of Software Development Life Cycle SDLC and using Hypertext Preprocessor (PHP) Programming Language, Hypertext Macro Language (HTML) and Integrated Development Environment (IDE). This application can handle the acquisition of fixed assets, fixed asset exchanges, its codification based on the name and the report of fixed assets to meet the information needs of fixed assets.

Key word : fixed asset, acquisition, trade off, codification