

ABSTRACT

DEVELOPING ASSET MANAGEMENT INFORMATION SISTEM TECHNOLOGY-BASED JAVA *ENTERPRISE* *EDITION* USING THE METHOD

Iterative and incremental

INSTITUTE OF TECHNOLOGY TELKOM

The development of technology in the globalization world which is increasing rapidly that has entered in education. Globalization in education requires universities to be able to manage information properly. In that case to handle it, it was required information technology that can manage the existing business processes.

One of the implementation of information technology in education is the e-University. E-University provides information that has good quality, academic services to students, and the management of the operations of universities. One part of the e-University that very important is ERP college. Actually, ERP college should integrate various existing information systems in the units within the college. One of the existing information systems in universities is an asset management information system. In asset management information systems include data managing and processing of data assets in universities. Managing and processing assets include the inventory of assets, asset transactions and asset reports.

Asset Managements at the Institut Teknologi Telkom has some problems. One of the problems perceived by the logistics are in control of assets. Logistics department can not monitor the assets that had been dispersed units. Another issue that comes up is a process or procedure that is felt inefficient by the units associated that are involved involved in a procedure relating to the assets. So an asset management information system capable of providing solutions in asset management at Institut Teknologi Telkom

In this research will develop asset management information systems at the Institut Teknologi Telkom for managing and processing fixed asset. In developing this asset management information system use iterative and incremental method as the research methodology and also apply the MVC architecture with Java Enterprise Edition technology. This research is expected to produce an asset management information system at Institut Teknologi Telkom, which can manage assets be more efficient, effective and standardized, and also have a high level robustness.

Keywords: E-University, college ERP, Information Systems Asset Management, asset inventory, asset and transaction reporting of assets, iterative and incremental, MVC architecture, Java Enterprise Edition technology.