

ABSTRACT

Selection of an information technology is one of the problems faced by college. Many colleges are confused to choose what information technology is suitable for them. Problems arise when universities will adopt new technologies but do not consider current technological trends. Based on these problems, a system is needed that can support decisions in an appropriate and appropriate information technology adoption. In designing this system, the writer uses waterfall method as system development method and Analytical Hierarchy Process (AHP) method as the weighting method used. Application of decision support system for the selection of information technology is made with web-based programming language PHP and MySQL as the database. The built system is able to provide recommendation ratings of information technology sorted by the highest weight. With this system is expected to provide solutions for college who want to choose an information technology in accordance with his wishes.

Keywords : Decision Support System, AHP Method, Information Technology, PHP, MySQL