ANALYSIS OF FINANCIAL BENEFITS IN IMPLEMENTATION OF REENGINEERING ACADEMIC INFORMATION SYSTEM PROJECT AT MUHAMMADIYAH SIDOARJO UNIVERSITY BASED ON INFORMATION ECONOMICS

ABSTRACT

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Information Systems (IS) / Information technology (IT) has become important in the smooth running of business and transactions of a company or organization. Therefore, the University of Muhammadiyah Sidoarjo implement KRS Online project, PMB Online, and inventory information system of Goods. The change from manual systems to KRS KRS Online or manually to the PMB PMB Online or manually recording inventory items to the Goods Inventory Information System, can not give a financial advantage, this is because the financial benefits can be tangible and intangible. This thesis aims to analyze the financial benefits of the implementation of the reengineering project of academic information systems. The financial benefit analysis using the method Information Economics.

The first stage of this analysis is to do a comparison between the old and new business on the business process KRS Online, Online PMB and system inventory information to know the various advantages of different work processes triggered in the prevailing systems. Both of calculating the financial benefits of these differences through approaches that are grouped based on the direct benefits, value lingking, acceleration value, and value restructuring. Finally compare the value of financial benefits to the investment required for system implementation KRS Online, PMB Online and inventory information system.

The results of this analysis indicate that the implementation of KRS Online, PMB Online inventory and information systems at the University of Muhammadiyah Sidoarjo will give a gain of 84,27%. However, these benefits are intangible and more is obtained from Value Restructuring of Rp. 75,001.896,- While the payback period is gained within the 1.24 or the first year alone, or exactly 1 year 48 days and an IRR of 90,60%

Keywords : Information Economics, financial benefit