ABSTRACT

IMPLEMENTATION OF WEB-BASED ACADEMIC MANAGEMENT INFORMATION SYSTEM (SIM)

(Case Study in SMK Negeri 3 Metro)

By

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This study aimed to analyze and describe the implementation of a web-based academic SIM, namely: (1) planning, (2) organizing, (3) actuating, (4) monitoring and Evaluation of the implementation of SIM in Public Vocational Secondary School (SMK Negeri) 3 Metro. This study used a phenomenological qualitative research design, which is based on observations, documentation and interviews. The collected data were analyzed using Interactive Model, leading to conclusions. Results of this study are: (1) Planning of Web-based academic SIM detailed and analyzed goals and targets to be achieved, relevant alternatives, total cost description, effectiveness alternatives description. (2) Organizing of Web-based academic SIM detailed all work performed, distributed job responsibilities, and managed procurement and development of a work coordination mechanism of the members of the organization becoming integrated and harmonious unity. (3) Actuating of Web-based academic SIM included coordination of activities between related elements, motivation creation, actualization of harmonious communication between individuals, and giving clear instructions. (4) Monitoring and evaluation of Web-based academic SIM included establishment of standard for work results, measurement of work results, proofreading against achievement and irregularities of program activities. Web-based academic SIM could help learning activities as needed, easily accessible, and timely. Things to be completed/improved are: written procedure operational standard, human resource competency development, and infrastructure and facilities.

Keywords: management information system, web-based academic