

DESIGNING MANAGEMENT INFORMATION SYSTEM FOR FACILITIES, TOOL, AND EQUIPMENT AT AUTOMOTIVE EDUCATIONAL WORKSHOP

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ABSTRACT

Educational facilities and infrastructure have important functions in order to achieve the learning process objectives. Therefore, this study aims to identify the management of tools and materials, analyze the needs of management information systems for the management of tools and materials, and develop information systems for equipment and materials management at the Automotive Engineering Education workshop Faculty of Engineering, Yogyakarta State University. The method used is a research and development approach by conducting interviews with lecturers, technicians, and students regarding the implementation and needs of management information systems for the management of tools and materials in the workshop of Automotive Engineering Education of UNY. The results obtained then become materials for designing and developing information systems for workshop management tools and materials. The information management system will be developed and implemented for the teaching-learning activities improvement at Automotive Engineering Education department.

Kata Kunci: *Tools and materials, automotive workshops, management, information systems.*