

ABSTRACT

Practical work and community dedication are one of the compulsory subjects at the Faculty of Industrial Engineering, Telkom University. In practice, practical work and community dedication are a learning process to work in a company / institution / institution with the aim of gaining work experience. The Faculty of Industrial Engineering is one of the faculties at Telkom University which has a vision to become research and entrepreneurship that plays an active role in the development of knowledge in the field of information technology-based industrial systems that contribute to the national economy. However, the Faculty of Industrial Engineering has problems in managing practical work administration and community dedication, but this study only discusses the Student module. Previously, the obstacles faced by students in the administrative process of practical work and community dedication were starting from receiving information related to their supervisor only through excel files that were shared on social media to scheduling the presentation of practical work reports and community dedication who had to contact their supervisor via whatsapp, this is considered less effective and efficient and there is no practical work administration system and community dedication, so there is a need for an Information System for practical work and community dedication based on this website which aims to assist the administrative process of practical work and community dedication students at the Faculty of Industrial Engineering who in making information systems This website-based system uses the Laravel framework and MySQL database with the Extreme Programming method, besides that this website-based information system is tested using blackbox testing and usability testing methods. The results of the blackbox testing of functional system testing can run as expected, while the results of usability testing in the overall usability aspect reach 82%, the overall feasibility test for efficiency aspects reaches 84%, the overall effectiveness test feasibility reaches 83% and the satisfaction feasibility test reaches 81% of The results show that the practical work and community dedication information system is suitable for use by students in the administration of practical work and community dedication at the Faculty of Industrial Engineering.

Keywords— *information system, academics, Telkom, Website, Practical work*