

ABSTRACT

DEVELOPMENT OF WEBSITE-BASED PRACTICE AND COMMUNITY SERVICE ADMINISTRATION INFORMATION SYSTEM FOR MENTOR MODULE IN FACULTY OF INDUSTRIAL ENGINEERING WITH EXTREME PROGRAMING (XP) METHODO

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Practical work or can be abbreviated as KP is a course that requires students to practice working in companies or agencies or organizations. This practical work course must be taken by every student, which is stated in the regulations of the Ministry of Education. This practical work course is also required and included in the Telkom University record rules. In its implementation, practical work involves several users, namely students, supervisors and admins. Each user has different information. Any information provided by the user is very important in carrying out this practical work. The business processes that are currently being implemented are still using social media and message sharing applications to exchange information. In practice, this is not very effective and problems arise easily. For the supervisor module, problems that arise include the lack of information about the students being mentored and the absence of a container or application so that all information can be centralized and related to each other. A lot of information is needed in carrying out the practical work process. Therefore, a practical work administration application is made as a container or application that can connect every user and also centralizes all information in the practical work process on one website. This website was created using the extreme programming method. This website is tested using usability testing method. From the results of testing conducted by involving supervisors as respondents. The results show that the FRI practical work website is feasible and in accordance with user needs. With this website, it can be an application to simplify the administrative process of practical work at FRI. This research can also be used as a reference in designing a practical work administration website application at FRI with a field supervisor module.

Keywords— Information System, Internship, Telkom, Website, Extreme Programming