ABSTRACT

IMPLEMENTATION OF CODEIGNITER FRAMEWORK ON THE SILAPRAK OF INFORMATICS ENGINEERING STUDY PROGRAM (CASE STUDY: IIB DARMAJAYA)

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Practical sessions are a form of learning aimed at enriching students' experience and understanding of theoretical concepts. Practical activity sheets are used to record and assess students' progress and served as evidence of the conducted practical sessions. In the Information Technology Study Program at IIB Darmajaya, these sheets are still filled out manually, which often lead to recording errors, lost documents, slow processing, and disorganized storage. A proposed solution is the development of a digital application for completing practical work sheets. Therefore, this study used the Prototype software development method, which consisted of five stages: Communication, Quick Planning, Modeling, Prototype Building, and System Delivery to Users. In the Rapid Modeling stage, Codelgniter helped developers create applications more efficiently than coding from scratch. The result of this research was a mobile-based application named SILAPRAK, which facilitated practical session activities anytime and anywhere.

Keywords : Practical Activity, CodeIgniter, UEQ, Prototype, SILAPRAK