

## **ABSTRACT**

### **DEVELOPMENT OF A COMPETENCY TEST INFORMATION SYSTEM (SIUK) BY INTEGRATING THE PAYMENT GATEWAY MODULE AT XYZ EDUCATIONAL INSTITUTION**

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*The development of information technology has changed various aspects of life, including digital payment systems. XYZ Educational Institution has a Competency Test Information System (SIUK) to manage the administration of BNSP certification exams, but the current payment method is still traditional and inefficient, increasing the risk of fraud and human error. This research aims to develop SIUK by adding Payment Gateway features using DOKU, using the RAD (Rapid Application Development) method. The results of this study show that the integration of Payment Gateway using DOKU in SIUK can bring benefits in the form of speeding up the administration process, monitoring the payment dashboard in real-time, preventing the risk of fraud and human error, and providing convenience to students in making payments. Thus, this system will be more effective and organized, supporting the smooth implementation of BNSP certification exams at XYZ Educational Institution.*

**Keywords:** *Competency Test Information System (SIUK), Digital Payment System, Payment Gateway Integration, Payment Efficiency, DOKU.*