

ABSTRACT

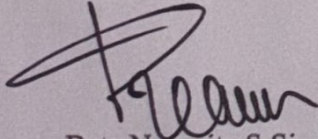
The advancement of technology and information in the millennial era encourages schools to improve the quality of learning systems and performance management more effectively and efficiently. One of the key aspects in enhancing educational quality is the monitoring of teacher performance and student learning outcomes. Unfortunately, many schools still carry out the monitoring process manually, such as recording grades, attendance, and evaluations by hand or using basic spreadsheets. This method is prone to recording errors, data loss, and is inefficient in delivering information quickly and accurately. SMAN 12 Tangerang Selatan is one of the schools that still applies manual monitoring systems. This becomes an obstacle in conducting evaluations that should be performed regularly and comprehensively. To address this issue, this study aims to develop a web-based monitoring system capable of presenting teacher and student performance data automatically, in a structured manner, and easily accessible. The system is developed using the ICONIX process, which consists of four main stages: requirements, analysis/preliminary design, detailed design, and implementation. This method is chosen for its user-centered approach and its support for a systematic yet flexible development process. The monitoring system presents information through an interactive dashboard, allowing school administrators to evaluate teaching performance in real-time. The system has been tested using the black box testing method and the results show that it functions properly and is suitable for use. It is expected that this system can be a practical solution to improve the efficiency and accuracy of monitoring and evaluating the learning process in schools.

Keywords : Monitoring, Evaluation, Education, ICONIX Process

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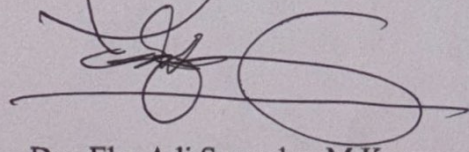
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