

ABSTRACT

***ANALYSIS AND DESIGN OF PAYMENT AND MONITORING INFORMASI SISTEM (SPP)
AT TKQ ASSYAFAT USING COMPUTER-BASED SISTEM
(CASE STUDY: TKQ ASSYAFAT)***

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This study aims to design and evaluate a web-based information system for managing and monitoring tuition payments (SPP) at TKQ Assyafa. The research addresses challenges in manual financial administration, such as error-prone payment records, slow report generation, and lack of transparency for parents. The system was developed using the Waterfall model, covering requirement analysis, system design, implementation, testing, and evaluation stages. The technology stack includes PHP, Visual Studio Code, and MySQL as the database. Functionality was validated through Black Box Testing. Core features of the system include student, teacher, and class data management, payment processing, and automatic financial reporting. Testing results show that all system functions operate effectively. The platform enables administrators to manage payments efficiently and generate monthly reports automatically. Parents can also monitor their child's payment status in real-time, improving transparency and reducing miscommunication. The system increases accuracy and reduces administrative workload compared to previous manual processes. With a simple and user-friendly interface, the system proves to be a viable solution to existing problems and supports the digital transformation of financial management at TKQ Assyafa. Moreover, this solution can serve as a model for other educational institutions facing similar challenges in payment tracking and financial reporting.

Keywords: Information Sytem, Tuition Payment, Website, TKQ Assyafa, Waterfall, Black Box Testing