

**A WEB-BASED OPERATIONAL MANAGEMENT INFORMATION SYSTEM FOR  
STUDENT DORMITORIES IN SAMBAS REGENCY, YOGYAKARTA  
(Case Study: Sultan Muhammad Tsafie'udin Dormitory, Yogyakarta)**

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**ABSTRACT**

The Sultan Muhammad Tsafie'udin Student Dormitory is a residence provided by the Sambas Regency Government for students from Sambas pursuing their education in Yogyakarta. Currently, dormitory management, including facilities and infrastructure, finances, and human resources, is conducted manually and lacks integration, making it difficult for administrators and leaders to access information quickly and accurately. Additionally, residents, alumni, and Sambas students face limited access to information regarding residence status, payments, facility loans, and dormitory activities. This study aims to design a website-based operational management information system for the student dormitory that integrates all management processes. The system development follows the Waterfall method, with data collected through observation and interviews. The resulting website-based information system assists administrators in managing dormitory data and disseminating information more efficiently and systematically. Implementing this system enhances dormitory management effectiveness and supports decision-making.

**Keywords:** information system, dormitory management, website, waterfall