

**RANCANG BANGUN SISTEM INFORMASI AKUNTANSI (SIA)
BERBASIS WEBSITE PADA UMKM WARKOP CAK IMIN**
DESIGN AND DEVELOPMENT OF A WEBSITE-BASED ACCOUNTING
INFORMATION SYSTEM (AIS) FOR THE MSME WARKOP CAK IMIN

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ABSTRACT

Warkop Cak Imin is a micro, small, and medium enterprise (MSME) operating in the culinary sector with three branches located in Begadung, Warujayeng, and Kediri. The financial transaction recording process is still performed manually using cash books, which may lead to recording errors, difficulties in preparing financial reports, and challenges for the owner in monitoring financial conditions. Although previous studies have developed accounting information systems based on Microsoft Access, desktop, and web platforms, limitations remain in supporting multi-branch data management and comprehensive system testing. Therefore, this study aims to design and develop a web-based Accounting Information System (AIS) to support integrated financial transaction management and financial reporting. The system was developed using the Waterfall methodology, which consists of requirements analysis, design, development, testing, and maintenance. The application was developed using the Laravel framework, PHP, and a MySQL database. System testing was conducted using Blackbox Testing with the Equivalence Partitioning technique and Usability Testing using the System Usability Scale (SUS). The SUS respondents consisted of the owner and employees of Warkop Cak Imin selected using the Purposive Sampling technique. The results indicate that the Accounting Information System was successfully developed and implemented. Based on the Blackbox Testing results, all 71 test cases were declared valid, indicating that all system functions operated according to the specified requirements. Meanwhile, the System Usability Scale (SUS) evaluation achieved an average score of 75, which falls into the Acceptable category with Grade B and an Adjective Rating of Good, indicating that the system meets user requirements and is easy to use.

Keywords: Accounting Information System, Website, Waterfall, Blackbox Testing, System Usability Scale.