IMPLEMENTASI SISTEM INFORMASI ADMINISTRASI PENGELOLAAN DANA MASJID BERBASIS *WEBSITE* Implementation Of
A Website-Based Mosque Fund Management Administration Information System
Intan Sulistyaningrum Sakkinah, S.Pd., M.Eng. *as Academic Supervisor*

Muchammad Farid
Study Program Informatics Engineering
Majoring of Information Technology

ABSTRACT

The utilization of information technology in managing mosque administration can increase effectiveness and efficiency, especially in recording finances and delivering information on activities to worshipers. This research aims to design and implement a website-based mosque administration information system called Masjid-E, which is intended to assist mosque administrators in managing funds and activities digitally. The mosque that became the object of research is located in Tembarak Village, Kertosono District, Nganjuk Regency, which previously still used manual methods such as physical books and blackboards in conveying information, making it vulnerable to data loss and limited information coverage. System development uses the Agile method with the Extreme Programming (XP) approach to dynamically adjust user needs. The system was tested using two approaches, namely Blackbox Testing to ensure all functions run as expected, and System Usability Scale (SUS) to measure ease of use from the user's side. The main features of the system include recording cash income and expenses, managing activities, confirming donations, and presenting information on a landing page that can be accessed by the wider community. The implementation results show that Masjid-E is able to improve the performance of mosque administrators in managing financial administration, delivering activity information transparently, and providing online donation services.

Keywords*: Mosque Information System, Financial Management, Website, Agile, Extreme Programming, Blackbox Testing, System Usability Scale.*