

ABSTRACT

**DESIGN AND DEVELOPMENT OF A WEB-
BASED FINANCIAL INFORMATION SYSTEM
USING THE RAPID APPLICATION
DEVELOPMENT (RAD) METHOD**

Author :

Kholik Muzaki

21104025

The utilization of information technology in education, particularly through websites, has become an effective solution for disseminating information and managing finances. Pondok Pesantren Hidayatul Muhtadi'ien faces challenges in information dissemination, which is still conducted traditionally, and financial record-keeping, which remains manual, making it prone to errors and data loss. This study aims to develop a web-based financial information system using the Rapid Application Development (RAD) method to enhance efficiency in information dissemination and financial management within the pesantren. The findings indicate that the implementation of this system has increased the pesantren's information reach by 77.9% and accelerated financial record-keeping processes by 45.6% compared to the manual method. Furthermore, Black Box Testing results show a 100% success rate, proving that the system functions according to the specified requirements. The system also enables the automatic generation of digital reports, improving accuracy and minimizing the risk of data loss. With this web-based financial information system, Pondok Pesantren Hidayatul Muhtadi'ien can manage its finances more effectively and disseminate information more broadly and efficiently.

Keywords: *Financial Information System, Islamic Boarding School, Website, Rapid Application Development (RAD)*