

**PERANCANGAN SISTEM INFORMASI MANAJEMEN BERBASIS
WEBSITE UNTUK DIGITALISASI LAYANAN JAMAAH DENGAN
METODE *RAPID APPLICATION DEVELOPMENT* (RAD): STUDI KASUS
MASJID AL-HUDA TABANAN**

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ABSTRAK

Transformasi digital menjadi kebutuhan penting dalam meningkatkan kualitas pengelolaan layanan masjid. Masjid Al-Huda Tabanan menghadapi berbagai kendala akibat penggunaan sistem administrasi yang masih bersifat manual, seperti pengelolaan data yang terpisah, penyampaian informasi yang kurang optimal, serta keterbatasan dalam mendukung transparansi layanan. Untuk mengatasi permasalahan tersebut, penelitian ini mengembangkan sistem informasi manajemen masjid berbasis *website* yang mampu mengintegrasikan berbagai layanan dalam satu platform. Proses pengembangan sistem menerapkan metode *Rapid Application Development* (RAD) yang menekankan kolaborasi pengguna dan pengembangan prototipe secara bertahap. Sistem yang dihasilkan mencakup fitur pengelolaan donasi, zakat, qurban, laporan keuangan, informasi kegiatan masjid, dan peminjaman ambulans. Implementasi sistem menunjukkan bahwa digitalisasi layanan mampu menyederhanakan proses administrasi, meningkatkan kecepatan akses informasi, serta memperkuat akuntabilitas pengelolaan data dan layanan. Oleh karena itu, sistem yang dikembangkan dapat menjadi alternatif solusi untuk mendukung pengelolaan masjid yang lebih efektif, terintegrasi, dan berorientasi pada kebutuhan jamaah.

Kata Kunci: Sistem Informasi Masjid, Pengembangan Aplikasi Cepat (*Rapid Application Development*), Sistem Berbasis Web, Digitalisasi, Manajemen Informasi.

**DESIGN AND DEVELOPMENT OF A WEB-BASED MANAGEMENT
INFORMATION SYSTEM FOR THE DIGITALIZATION OF
CONGREGATIONAL SERVICES USING THE RAPID APPLICATION
DEVELOPMENT (RAD) METHOD: A CASE STUDY OF AL-HUDA
MOSQUE TABANAN**

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ABSTRACT

Digital transformation has become an essential requirement for improving the quality of mosque service management. Al-Huda Mosque Tabanan faces several challenges due to the continued use of manual administrative processes, including fragmented data management, ineffective information dissemination, and limited transparency in service administration. To address these issues, this study develops a web-based mosque management information system capable of integrating various services into a single platform. The system development process adopts the Rapid Application Development (RAD) method, which emphasizes user involvement and iterative prototype development. The resulting system provides features for managing donations, zakat, qurban, financial reports, mosque activity information, and ambulance booking services. The implementation results indicate that service digitalization can simplify administrative processes, improve the speed of information access, and enhance the accountability of data and service management. Therefore, the developed system can serve as an alternative solution to support mosque management that is more effective, integrated, and responsive to the needs of the congregation.

Keywords: *Mosque Information System, Rapid Application Development (RAD), Web-Based System, Digitalization, Information Management.*