

MUHAMMAD HASMI MAULANA, 18.230.0074

**SISTEM INFORMASI TAKMIR MASJID DI MASJID JAMI
BAITUTTAQWA SILIREJO KECAMATAN TIRTO**, dibawah bimbingan

Much. Rifqi Maulana, S.Kom., M.Kom. dan Risqiati, S.Kom., M.Kom.

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ABSTRAK

Permasalahan dalam proses pengolahan data takmir Jami Masjid Baituttaqwa diamana sering terjadi bentrok agenda jadwal, pelaporan data yang membutuhkan waktu lama dalam proses rekap, pembuatan, maupun filter dan sortir datanya, serta pencatatan data keuangan yang kurang transparan. Sehingga dibangun sistem metode Waterfall melalui tahapan Requirements Definition, System and Software Design, Implementation and Unit Testing, Integration and System Testing, dan Operation and Maintenance. Sistem dirancang menggunakan Unified Modeling Language (UML) dan Lembar Kerja Tampilan (LKT). Sistem yang menggunakan pemrograman web melalui framework codeIgniter dan database MySQL, telah lulus uji menggunakan Graphical User Interface (GUI) dan User Acceptance Test (UAT). Sistem yang dibangun dapat membantu proses pengelolaan data yang dilakukan pada Masjid Jami Baituttaqwa Silirejo mulai dari keuangan masjid, informasi, jadwal kegiatan, infaq dan juga pelaporan harian maupun bulanan pendapatan kas Masjid. Namun, perlu dikembangkan sistem berbasis mobile sehingga lebih memudahkan dalam proses pemantauan maupun pengelolaan data, terutama terutama pada sisi donatur yang sudah sangat lazim atau wajar jika sistem pengelolaan demikian sudah menggunakan platform mobile.

Kata Kunci : Sistem, Takmir, Masjid

MUHAMMAD HASMI MAULANA, 18.230.0074

**MOSQUE TAKMIR INFORMATION SYSTEM IN JAMI
BAITUTTAQWA SILIREJO MOSQUE, TIRTO DISTRICT**, under guidance

of Much. Rifqi Maulana, S.Kom., M.Kom. dan Risqiati, S.Kom., M.Kom.

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ABSTRACT

Problems in data processing for takmir Jami Baituttaqwa Mosque where there are frequent clashes of schedule agendas, data reporting that takes a long time to process recap, manufacture, as well as filter and sort data, as well as recording financial data that is less transparent. So that the Waterfall method system was built through the stages of Requirements Definition, System and Software Design, Implementation and Unit Testing, Integration and System Testing, and Operation and Maintenance. The system is designed using the Unified Modeling Language (UML) and Display Worksheets (LKT). Systems that use web programming through the CodeIgniter framework and MySQL database have passed the test using the Graphical User Interface (GUI) and the User Acceptance Test (UAT). The system built can assist in the data management process carried out at the Jami Baituttaqwa Silirejo Mosque starting from mosque finances, information, activity schedules, infaq and also daily and monthly reporting of mosque cash income. However, it is necessary to develop a mobile-based system so that it makes it easier to monitor and manage data, especially on the donor side, which is very common or reasonable if such a management system already uses a mobile platform.

Key Word : System, Takmir, Mosque