

ERWIN FAJARIANSYAH, 20.230.0026

SISTEM INFORMASI PENERIMAAN SANTRI BARU BERBASIS WEB DI MUHAMMADIYAH BOARDING SCHOOL (MBS) KH MAS MANSYUR KOTA PEKALONGAN, di bawah bimbingan Dicke JSH Siregr, M.Kom. dan Wahyu Setianto, M.Kom.

131 + xv halaman / 100 gambar / 13 tabel / 2 lampiran / pustaka (2006-2023)

ABSTRAK

Muhammadiyah Boarding School (MBS) KH Mas Mansyur Kota Pekalongan, milik Muhammadiyah, memiliki sistem asrama untuk membentuk santri yang berkontribusi besar kepada masyarakat dan agama melalui pendidikan pesantren. Setiap tahun, MBS KH Mas Mansyur membuka penerimaan santri baru dengan sistem pendaftaran langsung dan melalui WhatsApp. Pendaftaran secara langsung terbatas oleh jam kerja sekolah, kurang fleksibel, tidak ekonomis, dan rentan kesalahan input data. Untuk mengatasi masalah ini, dibangun sistem informasi penerimaan santri baru berbasis web menggunakan metode waterfall, melalui tahapan communication, planning, modelling, construction, dan deployment. Sistem ini teruji efektif melalui pengujian White Box, Black Box, dan UAT, Melalui tahap pengembangan dan pengujian tersebut maka dihasilkan Sistem Informasi Penerimaan Santri Baru yang menyediakan solusi yang memudahkan pendaftaran santri, lebih fleksibel, ekonomis, dan mengurangi kesalahan input data.

Kata Kunci : Sistem Informasi, Penerimaan Santri Baru, MBS KH Mas Mansyur Kota Pekalongan

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131 + xv pages / 100 figures / 13 table / 2 appendices / bibliography (2006-2023)

ABSTRACT

Muhammadiyah Boarding School (MBS) KH Mas Mansyur in Pekalongan, owned by Muhammadiyah, operates a boarding school system aimed at developing students who can make significant contributions to society and religion through pesantren education. Every year, MBS KH Mas Mansyur opens admissions for new students using both direct registration and WhatsApp. Direct registration is limited by school hours, lacks flexibility, is costly, and prone to data input errors. To address these issues, a web-based student admission information system has been developed using the waterfall method, encompassing stages such as communication, planning, modelling, construction, and deployment. This system has proven effective through White Box, Black Box, and UAT testing. The development and testing phases have resulted in a New Student Admission Information System that provides solutions to simplify student registration, offering flexibility, cost-effectiveness, and reduced data input errors.

Keywords: Information System, New Student Admission, MBS KH Mas Mansyur Pekalongan City