

## **RANCANG BANGUN SISTEM INFORMASI PENERIMAAN PESERTA DIDIK BARU (STUDI KASUS: SMP DARUL ULUM SURABAYA)**

Nama Mahasiswa : Muhammad Rohman Affandi  
NIM : 3011910031  
Pembimbing : Lailatul Hidayah, S.Kom., M.S.

### **ABSTRAK**

Digitalisasi telah merambah keseluruhan sektor kehidupan, tak terkecuali sektor pendidikan. Namun, ditengah perkembangan ini Sekolah Menengah Pertama (SMP) Darul Ulum Surabaya masih menjalankan proses Penerimaan Peserta Didik Baru (PPDB) dan pembayaran SPP secara manual. Penelitian ini bertujuan untuk merancang dan mengimplementasikan sistem informasi yang sesuai dengan kebutuhan PPDB dan pembayaran SPP di SMP Darul Ulum Surabaya. Melalui penggalian kebutuhan pengguna, sistem informasi berbasis website dibangun dengan fokus pada pengolahan data PPDB dan pembayaran SPP. Uji kelayakan dan kinerja sistem dilakukan untuk mengukur performa dan respons sistem. Hasil penelitian menunjukkan bahwa sistem informasi yang diimplementasikan berhasil mengatasi permasalahan dalam PPDB dan pembayaran SPP. Pengujian User Acceptance Test membuktikan kesiapan sistem, sementara uji beban mengonfirmasi kapasitasnya dalam menangani beban pengguna. Kesimpulan penelitian ini adalah sistem informasi PPDB dan pembayaran SPP berbasis website dapat membantu dan memudahkan pihak sekolah dalam pengelolaan data peserta didik baru dan pembayaran SPP.

**Kata kunci:** Sistem Informasi, Penerimaan Peserta Didik Baru, SPP

## ***INFORMATION SYSTEM DESIGN FOR ADMISSION OF NEW STUDENTS (CASE STUDY: SMP DARUL ULUM SURABAYA)***

*Student Name* : Muhammad Rohman Affandi  
*Student ID Number* : 3011910031  
*Supervisor* : Lailatul Hidayah, S.Kom., M.S.

### ***ABSTRACT***

*Digitalization has penetrated throughout the life sector, including the education sector. However, in the midst of this development Darul Ulum Surabaya Middle School (SMP) is still carrying out the process of receiving new students (PPDB) and SPP payments manually. This study aims to design and implement information systems in accordance with the needs of PPDB and SPP payments at Darul Ulum Surabaya Middle School. Through exploring user needs, website -based information systems are built with a focus on processing PPDB data and SPP payments. The feasibility test and system performance are carried out to measure the performance and response of the system. The results showed that the implemented information system succeeded in overcoming the problems in PPDB and SPP payments. User Acceptance Test testing proves the readiness of the system, while the load test confirms its capacity in handling user loads. The conclusion of this study is that the PPDB information system and website -based SPP payments can help and facilitate the school in managing new student data and SPP payments..*

***Keywords:*** *Information Systems, Acceptance of New Students, Attendance, education development contribution*