

AMAR PRIAMBODO, 22.230.0112.

SISTEM INFORMASI PEMESANAN LAPANGAN FUTSAL BERBASIS WEBSITE DI GALERI FUTSAL PEKALONGAN. di bawah bimbingan Bapak Satriedi Wahyu Binabar, S.Si., M.Kom. dan Bapak Anas Syaifudin, M.Kom.

268 + xv halaman / 206 gambar / 33 tabel / 24 daftar pustaka (2016 - 2025)

ABSTRAK

Galeri Futsal Pekalongan menyediakan dua jenis lapangan, yaitu lantai interlock dan vinyl. Saat ini, proses pemesanan masih dilakukan secara manual melalui WhatsApp atau datang langsung ke lokasi, yang sering memicu masalah seperti jadwal bentrok (double booking), informasi ketersediaan yang tidak transparan, serta kesulitan admin dalam menyusun laporan keuangan. Untuk mengatasi masalah tersebut, penelitian ini membangun Sistem Informasi Pemesanan Lapangan Futsal Berbasis Web menggunakan metode Waterfall. Sistem ini dirancang untuk memberikan solusi digital bagi tiga aktor utama: pemilik (monitoring pendapatan real-time), admin (efisiensi pengelolaan jadwal dan laporan otomatis), serta pelanggan (reservasi mandiri dan fitur sparing). Pengujian dilakukan menggunakan metode Black Box Testing untuk memastikan fungsionalitas sistem, serta User Acceptance Testing (UAT) untuk mengukur kepuasan pengguna. Hasil pengujian UAT terhadap 34 responden menunjukkan tingkat keberhasilan yang sangat tinggi, di mana 100% responden setuju bahwa sistem ini mempermudah pengecekan jadwal secara real-time dan membuat proses booking menjadi jauh lebih praktis dan efisien dibandingkan metode manual.

Kata Kunci: Sistem Informasi, Pemesanan Lapangan Futsal, Berbasis Web, Waterfall, UAT.

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WEB-BASED FUTSAL COURT BOOKING INFORMATION SYSTEM AT GALERI FUTSAL PEKALONGAN. Under the supervision of Satriedi Wahyu Binabar, S.Si., M.Kom. and Anas Syaifudin, M.Kom.

267 + xv pages / 206 figures / 33 Tabels / 24 references (2016 - 2025)

ABSTRACT

Galeri Futsal Pekalongan provides two types of courts: interlock and vinyl flooring. Currently, the booking process is conducted manually via WhatsApp or direct visits, which often triggers issues such as schedule conflicts (double booking), lack of transparency in court availability, and difficulties for admins in compiling financial reports. To address these problems, this research developed a Web-Based Futsal Court Booking Information System using the Waterfall method. The system is designed to provide digital solutions for three main actors: the owner (real-time revenue monitoring), the admin (efficient schedule management and automatic reporting), and customers (independent reservation and sparing feature). Testing was conducted using the Black Box Testing method to ensure system functionality, and User Acceptance Testing (UAT) to measure user satisfaction. The UAT results from 34 respondents showed a very high success rate, with 100% of respondents agreeing that the system facilitates real-time schedule checks and makes the booking process significantly more practical and efficient than the manual method.

Keywords : Information System, Futsal Court Booking, Web-Based, Waterfall, UAT.