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SISTEM PENYEDIA JASA VENDOR EVENT BERBASIS WEBSITE

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ABSTRAK

Perkembangan teknologi informasi telah memberikan dampak yang signifikan terhadap berbagai bidang, termasuk industri penyelenggaraan acara (event). Proses pencarian dan pemesanan vendor event seperti dekorasi, catering, dokumentasi, hiburan, dan perlengkapan acara masih banyak dilakukan secara manual, sehingga memerlukan waktu yang cukup lama dan kurang efisien. Selain itu, calon pelanggan sering mengalami kesulitan dalam memperoleh informasi mengenai layanan, harga, maupun ketersediaan vendor secara cepat dan akurat. Penelitian ini bertujuan untuk merancang dan membangun sistem penyedia jasa vendor event berbasis website yang dapat mempermudah pelanggan dalam mencari, membandingkan, dan melakukan pemesanan vendor sesuai kebutuhan. Sistem ini juga memberikan kemudahan bagi vendor dalam mempromosikan layanan, mengelola data jasa, menerima pesanan, serta memantau status transaksi secara terintegrasi. Pengembangan sistem dilakukan menggunakan metode Waterfall yang meliputi tahapan analisis kebutuhan, perancangan sistem, implementasi, pengujian, dan pemeliharaan. Sistem dikembangkan menggunakan bahasa pemrograman PHP dengan framework CodeIgniter, database MySQL, serta antarmuka berbasis HTML, CSS, dan Bootstrap. Hasil penelitian menunjukkan bahwa sistem yang dibangun mampu menyediakan informasi vendor secara lengkap, mempermudah proses pemesanan, serta meningkatkan efisiensi pengelolaan data bagi administrator dan vendor. Pengujian sistem menggunakan metode White Box Testing, Black Box Testing, dan User Acceptance Test (UAT) menunjukkan bahwa seluruh fitur utama dapat berjalan sesuai dengan kebutuhan fungsional yang telah ditetapkan. Dengan adanya sistem ini diharapkan proses penyediaan jasa vendor event menjadi lebih efektif, efisien, dan mudah diakses oleh Masyarakat, serta dikembangkan lagi untuk fitur-fitur yang lebih berguna dan bermanfaat pada sistem seperti payment gateway (pembayaran otomatis), notifikasi dengan API email atau whatsapp, serta dibuatkan aplikasi native untuk Android dan iOS.

Kata Kunci: *Sistem Informasi, Vendor Event, Website*

WEBSITE-BASED EVENT VENDOR SERVICE PROVIDER SYSTEM

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ABSTRACT

The rapid development of information technology has significantly impacted various sectors, including the event management industry. The process of searching for and booking event vendors, such as decoration, catering, documentation, entertainment, and event equipment services, is still largely carried out manually, making it time-consuming and inefficient. In addition, prospective customers often encounter difficulties in obtaining accurate and up-to-date information regarding services, pricing, and vendor availability. This study aims to design and develop a website-based event vendor service provider system that enables customers to search, compare, and book event vendors according to their needs. The system also assists vendors in promoting their services, managing service data, receiving bookings, and monitoring transaction statuses in an integrated manner. The system was developed using the Waterfall software development methodology, which consists of the requirements analysis, system design, implementation, testing, and maintenance phases. The application was built using PHP with the CodeIgniter framework, MySQL as the database management system, and HTML, CSS, and Bootstrap for the user interface. The results of this study indicate that the developed system is capable of providing comprehensive vendor information, simplifying the vendor booking process, and improving data management efficiency for both administrators and vendors. System testing was conducted using the White Box Testing, Black Box, and User Acceptance Test (UAT) Testing method, and the results demonstrated that all major system functions operated successfully in accordance with the specified functional requirements. Therefore, the proposed system is expected to make event vendor service management more effective, efficient, and easily accessible to the public, and can be developed other features that can make the system better, like automatic payment (payment gateway), notification with email API or WhatsApp API, and the system can be developed into native Android and iOS application.

Keywords: *Information System, Event Vendor, Website.*