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SISTEM INFORMASI MANAJEMEN WEDDING ORGANIZER PADA ELY SELVY WEDDING MENGGUNAKAN METODE WATERFALL,
dibawah bimbingan Satriedi Wahyu Binabar, S.Kom., M.Kom. dan Wahyu Setianto, S.Kom., M.Kom.

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ABSTRAK

Perkembangan teknologi informasi telah mendorong berbagai sektor usaha untuk berinovasi, termasuk pada bisnis wedding organizer (WO). Ely Selvy Wedding, sebagai salah satu WO yang telah beroperasi sejak 2008, menghadapi tantangan dalam pengelolaan operasional yang masih dilakukan secara manual. Hal ini menimbulkan kendala seperti kesalahan pencatatan, keterlambatan informasi, dan komunikasi yang kurang efisien dengan pelanggan. Penelitian ini bertujuan untuk merancang dan membangun sistem informasi manajemen berbasis website guna mengotomatisasi proses bisnis Ely Selvy Wedding. Sistem ini dikembangkan menggunakan metode waterfall, dengan tahapan communication, planning, modeling, construction, dan deployment. Pengumpulan data dilakukan melalui observasi dan wawancara. Alat bantu pengembangan menggunakan Unified Modeling Language (UML) dan Lembar Kerja Tampilan (LKT). Pengujian sistem dilakukan dengan metode white-box, black-box, dan User Acceptance Test (UAT). Hasil pengujian menunjukkan bahwa sistem dapat berjalan sesuai kebutuhan pengguna, meningkatkan efisiensi manajemen layanan, serta memudahkan pelanggan dalam melakukan pemesanan dan pembayaran secara online.

Kata Kunci : Sistem Informasi, Sistem Manajemen, Wedding Organizer, Website, CodeIgniter, UML, LKT, White Box, Black Box, UAT, Waterfall.

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MANAGEMENT INFORMATION SYSTEM FOR WEDDING ORGANIZER AT ELY SELVY WEDDING USING THE WATERFALL METHOD, under guidance of Satriedi Wahyu Binabar, S.Kom., M.Kom. and Wahyu Setianto, S.Kom., M.Kom.

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ABSTRACT

The rapid advancement of information technology has driven various business sectors to innovate, including the wedding organizer (WO) industry. Ely Selvy Wedding, a WO business that has been operating since 2008, faces challenges due to its manually managed operations. This results in issues such as data recording errors, delayed information updates, and inefficient communication with clients. This research aims to design and develop a web-based management information system to automate the business processes of Ely Selvy Wedding. The system was developed using the waterfall method, consisting of communication, planning, modeling, construction, and deployment stages. Data collection was conducted through observation and interviews. Development tools included Unified Modeling Language (UML) and Display Worksheet (LKT). System testing was carried out using white-box, black-box, and User Acceptance Test (UAT) methods. The results show that the system functions as intended, improves service management efficiency, and facilitates clients in making reservations and payments online.

Keywords: *Information System, Management System, Wedding Organizer, Website, CodeIgniter, UML, White Box, Black Box, UAT, Waterfal.*

