

ABSTRAK

Mochamad Ervan. 2026. Implementasi Sistem Informasi Manajemen Pemesanan Catering Berbasis Web pada PT Nigantama Ghim Group. Skripsi. Program Studi Teknik Informatika, Fakultas Teknik, Universitas PGRI Madiun. Pembimbing I: Sri Anardani, S.Kom., M.T. Pembimbing II: Muh. Nur Luthfi Azis, S.Kom., M.Kom.

PT Nigantama Ghim Group merupakan perusahaan yang bergerak di bidang jasa catering. Proses pengelolaan pemesanan, pembayaran, piutang, dan penyusunan laporan keuangan masih dilakukan secara manual sehingga berpotensi menimbulkan kesalahan pencatatan, keterlambatan penyajian informasi, serta kesulitan pengelolaan data secara terintegrasi. Penelitian ini bertujuan merancang dan mengimplementasikan Sistem Informasi Manajemen Pemesanan Catering berbasis web yang mengintegrasikan pengelolaan pelanggan, pemesanan, pembayaran, piutang, serta pelaporan keuangan guna meningkatkan efektivitas dan efisiensi operasional perusahaan. Metode pengembangan sistem menggunakan Rapid Application Development (RAD) dengan tahapan Requirements Planning, User Design, Construction, dan Cutover. Sistem dibangun menggunakan framework Laravel, bahasa pemrograman PHP, dan basis data MySQL, dengan perancangan menggunakan Unified Modeling Language (UML) meliputi Use Case, Activity, Sequence, dan Class Diagram. Pengujian sistem dilakukan dengan metode Black Box Testing, sedangkan evaluasi kemudahan penggunaan menggunakan System Usability Scale (SUS). Hasil penelitian menunjukkan sistem berhasil dibangun dan mampu mengelola data pelanggan, paket catering, pemesanan, pembayaran, piutang, pengeluaran, serta menghasilkan laporan jurnal umum, buku besar, laba rugi, neraca, arus kas, dan penjualan secara otomatis. Hasil Black Box Testing menunjukkan seluruh fungsi berjalan sesuai kebutuhan, sedangkan evaluasi SUS memperoleh skor rata-rata 85,0 (kategori Excellent, Grade A), menunjukkan tingkat usability yang sangat baik dan mampu mendukung pengambilan keputusan pada PT Nigantama Ghim Group.

Kata Kunci: Sistem Informasi Manajemen, Pemesanan Catering, Laravel, Rapid Application Development (RAD), System Usability Scale (SUS)

ABSTRACT

Mochamad Ervan. 2026. Implementation of a Web-Based Catering Order Management Information System at PT Nigantama Ghim Group. Thesis. Computer Science Program, Faculty of Engineering, PGRI Madiun. Advisor I: Sri Anardani, S.Kom., M.T. Advisor II: Muh. Nur Luthfi Azis, S.Kom., M.Kom.

PT Nigantama Ghim Group is a company engaged in catering services. Order management, payments, accounts receivable, and financial reporting are still handled manually, creating potential for recording errors, delayed information, and difficulty in integrated data management. This study aims to design and implement a web-based Catering Order Management Information System that integrates customer management, order processing, payments, accounts receivable, and financial reporting to improve the company's operational effectiveness and efficiency. The system was developed using the Rapid Application Development (RAD) method, comprising Requirements Planning, User Design, Construction, and Cutover phases, built with the Laravel framework, PHP, and MySQL, and designed using Unified Modeling Language (UML) including Use Case, Activity, Sequence, and Class Diagrams. System testing employed the Black Box Testing method, while usability was evaluated using the System Usability Scale (SUS). Results show the system was successfully developed and can manage customer data, catering packages, orders, payments, receivables, and expenses, while automatically generating general journals, ledgers, income statements, balance sheets, cash flow statements, and sales reports. Black Box Testing confirmed all functions operated as required, while the SUS evaluation yielded an average score of 85.0 (Excellent, Grade A), indicating very high usability and supporting decision-making at PT Nigantama Ghim Group.

Keywords: Management Information System, Catering Ordering, Laravel, Rapid Application Development (RAD), System Usability Scale (SUS)