

## ABSTRAK

Judul : **Perancangan Sistem Informasi Pergudangan Berbasis Web Pada CV. Arrum Furniture**  
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Program Studi : Sistem Informasi

CV. Arrum Furniture merupakan salah satu CV yang bergerak di bidang jual beli furniture. Permasalahan yang ada di CV. Arrum Furniture yakni belum adanya pengintegrasian data pada pergudangan, karena belum ada sistem penginputan yang terkomputerisasi. Disamping itu dalam penanganan penginputan data dan pengumpulan data yang dibutuhkan dalam setiap kegiatan keluar masuknya barang, retur barang, dan service barang masih berjalan sangat lambat dan kurang terorganisir di divisi gudang. Pada CV. Arrum Furnitur hanya disimpan pada sebuah buku besar dan belum terintegrasi serta proses penginputan data masuk, data keluar, data retur barang dan data service barang masih lambat yang mengakibatkan terhambatnya proses penjualan dan proses laporan setiap tahunnya pada CV. Arrum Furniture. Oleh karena itu, diperlukannya sistem penginputan yang dapat mendata semua data barang masuk, data barang keluar, data retur barang dan data service barang di CV. Arrum Furniture ini diharapkan dapat mempermudah kegiatan admin gudang dalam menginput barang masuk, barang keluar, barang retur dan barang yang sedang di service dapat terpantau, terdata dengan baik dan dapat menangani terjadinya kesalahan dalam perhitungan jumlah barang setiap harian, bulanan dari jumlah barang yang keluar dan barang masuk. Menggunakan metode *Prototype*, tools UML (*Unified Modelling Language*) melalui tahap : *Use case diagram, activity diagram, dan, sequence diagram, class diagram*, bahasa pemrograman PHP (*Hypertext Preprocessor*) dan MySQL.

Kata kunci : ***Gudang, Sistem Informasi, UML, PHP, MySQL, Prototype***

## ***ABSTRACT***

Title : Web-Based Warehousing Information System Design on CV. Arrum Furniture  
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Study Program : Information Systems

CV. Arrum Furniture is a CV that is engaged in buying and selling furniture. Problems that exist in the CV. Arrum Furniture, namely the absence of data integration in warehousing, because there is no computerized input system. Besides that, in handling data input and data collection needed in every activity in and out of goods, goods returns, and goods services are still running very slowly and poorly organized in the warehouse division. On CV. Arrum Furniture is only stored in a ledger and has not been integrated and the process of inputting incoming data, outgoing data, goods return data and goods service data is still slow which results in delays in the sales process and the annual report process on CV. Arrum Furniture. Therefore, we need an input system that can record all incoming goods data, outgoing goods data, goods return data and goods service data in CV. Arrum Furniture is expected to facilitate warehouse admin activities in inputting incoming goods, outgoing goods, returned goods and goods being serviced can be monitored, recorded properly and can handle errors in calculating the number of goods every day, month from the number of goods out and incoming goods. Using the Prototype method, UML (Unified Modeling Language) tools go through the following stages: Use case diagrams, activity diagrams, and sequence diagrams, class diagrams, PHP programming language (Hypertext Preprocessor) and MySQL.

Keywords : *Warehouse, Information System, UML, PHP, MySQL, Prototype*