

ABSTRAK

PT “X” adalah sebuah perusahaan yang bergerak di bidang *general trading*, *industrial engineering consultant*, *industry machinery manufacture*, dan *information technology*. Permasalahan yang dihadapi oleh perusahaan adalah dikarenakan jumlah transaksi penjualan barang terbilang cukup banyak, yang dalam hal ini berupa mesin-mesin industri manufaktur, maka penanganan data dan respon yang cepat sangat dibutuhkan oleh perusahaan. Penjualan barang kepada para *customer* dilakukan oleh para karyawan bagian penjualan/*salesperson* yang sebagian besar bertugas di luar kantor/perusahaan. Para *salesperson* bertugas untuk mencari *customer* baru, menawarkan barang atau produk, hingga mencatat data pesanan barang dari para *customer*. Masalah yang muncul di sini adalah, data yang dimiliki oleh pihak *salesperson* tidak bisa langsung disampaikan ke pihak perusahaan, karena *salesperson* harus datang kembali ke kantor untuk memberikan data transaksi dari *customer* agar bisa diproses oleh pihak perusahaan, hal ini berarti kurangnya efisiensi dalam bekerja. Untuk mengatasi permasalahan tersebut, maka perlu dibuat sebuah aplikasi berbasis mobile yang dapat digunakan untuk mencatat data transaksi penjualan dan data tersebut langsung disampaikan pada pihak perusahaan sehingga *salesperson* tidak perlu datang kembali ke perusahaan. Dengan menggunakan metode yang cekatan, dirancang dan dikembangkan sebuah sistem aplikasi berbasis *Android* dan *Web* untuk pencatatan, pelaporan penjualan dan pengelolaan pelanggan yang dapat membantu monitor dan otomatisasi pelaporan semua data transaksi penjualan

Kata Kunci: Sistem Informasi, Penjualan, *Mobile*, *Android*, HTML 5

ABSTRACT

Company "X" is a company engaged in general trading, industrial engineering consultant, industrial machinery manufacturing, and information technology. The problem faced by the company was due to the enormous amount of sale of goods while quick response was needed by the company. Sales of goods that is the machinery sales to the customer was done by the sales department or salesperson that served and conduct transaction in the field. The Salespersons are responsible for finding new customers, offer goods or products, and record the data of the customers orders. The problem that arises here is, the data held by the salesperson can not be directly sent to the company in real time, because the salesperson had to return to the office to process the transactions. It exhibits a lack of efficiency in work. To overcome this problem, a mobile-based application that can be used to record the sales transaction data can be developed so that transactions can be processed in real time. By using the agile method, an Android and web based application was developed for the selling and customer management report which can help in monitoring and report automation of the selling transaction data

Keywords: Information System, Sales, HTML 5

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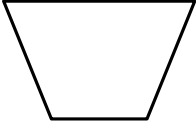
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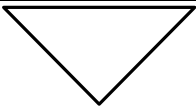
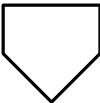
Gambar 5.48 <i>View Invoice</i> Empty Start Date	155
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Gambar 5.51 <i>Update Profile</i> Password Not Matched	156

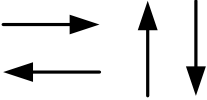
DAFTAR TABEL

Tabel 2.1 Simbol <i>Activity Diagram</i>	18
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DAFTAR NOTASI / LAMBANG

Jenis	Notasi/Lambang	Nama	Arti
<i>Flowchart</i>		Dokumen	Digunakan untuk menggambarkan semua jenis dokumen. Merupakan formulir yang digunakan untuk merekam data terjadinya suatu transaksi yang menunjukkan masukan dan keluaran baik untuk proses manual, mekanik, dan komputer
<i>Flowchart</i>		Proses Manual	Simbol ini digunakan untuk menggambarkan kegiatan manual atau pekerjaan yang dilakukan tanpa menggunakan komputer. Uraian singkat kegiatan manual dicantumkan di dalam simbol ini.

Flowchart		Proses Komputer / Online Computer Process	Simbol ini menggambarkan kegiatan proses dari pengolahan data dengan komputer secara <i>online</i> . Uraian singkat tentang operasi program komputer ditulis di dalam simbol.
Flowchart		Arsip.	Digunakan untuk menggambarkan file komputer / non komputer yang disimpan sebagai arsip. Di dalam simbol ini bisa ditulis huruf F atau huruf A.
Flowchart		Penghubung pada halaman yang sama	Digunakan untuk menunjukkan hubungan arus proses yang terputus masih dalam halaman yang sama. Di dalam simbol ini dicantumkan nomor sebagai penghubung.
Flowchart		Penghubung pada halaman yang berbeda.	Digunakan untuk menunjukkan hubungan arus

			proses yang terputus dengan sambungannya ada di halaman yang lain, sesuai dengan nomor yang tercantum dalam simbol.
<i>Flowchart</i>		Penghubung pada halaman yang berbeda.	Digunakan untuk menunjukkan hubungan arus proses yang terputus dengan sambungannya ada di halaman yang lain, sesuai dengan nomor yang tercantum dalam simbol.