DEVELOPING ACHUSI SYSTEM AS BUSINESS SYSTEM SOLUTION

FOR C.V. X

(SALES, INVENTORY, AND ANALYSIS SUBSYSTEM)

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Abstract

This paper is a summary about our thesis that is about making information system for a consumer goods distributor company. The major problem of the company is the transaction is still done in paper based and incomplete/unorganized historical database.

In making the thesis we are using modified waterfall model as the system development life cycle. Using that SDLC the business software is made including the hardware architecture as the place to run the software. The modules of the software are separated into three parts for the three members of the groups while the other part such as analysis and design is made together by the three members of the group. Those three parts of modules are Inventory and Sales (including sales transaction and analysis) subsystem will be made by Danie Susanto; Accounting (including account receivable and account payable) subsystem will be made by William Hartanto; and Utility, Cost, and Bonus subsystem will be made by Willy Suryadi. Those modules are made on top of C# Language in Windows Form and using Microsoft SQL Server Express as the DBMS.

Besides that, the new business system is made to improve the business process to use the software in day to day transaction. In this new business system, new posts are created such as logistic manager, sales manager, and accounting manager. Another new post are administrator that is intended for inputting the day to day transaction and warehouse person as the man who is responsible for stocks in the warehouse.

By making software, preparing the hardware, and the new system to run the business daily activities, the company’s business process will move one step forward in this information era.

Keyword: Information System, Inventory and Sales modules, Modified Waterfall Model, C# Language in Windows Form, Microsoft SQL Server Express