ABSTRACT

Final assignment is a mandatory college subject, that has to be taken by final year student in order to finish his at Telkom Institute of Technology.

Based on business process that is being implemented by PT. Multi Fabrindo Gemilang, there are several issuse to be found, which are the tire leght of making Manufacturing Data Record (MDR), a product dump up due to delaying of product delivery, also issue of works sheet utilizing that needs to be minimized. The issue that is approach in this final assignment is the utulization of work sheet in making MDR.

This issue is settled by programming information system that has the eapability of minimizing work sheet, able to keep, to present, to erase, to send, to print and to locate MDR, which is kept in database, without the need to search each of it in archive room.

This system information program is based on object oriented design, with interative and incremental method and Unified Modeling Language (UML), which is the visual language for modelling and communication of diagram and support text system. The purpose is to understand the system behaviorwith more details, more spcific, describing, and documenting software system.

The result after the implementation of new program is the reduce of utilizing work sheet as much as 69,87%. More over the MDR making is easier and faster.

Key word: work sheet, information system, UML.