ABSTRACT

DEVELOPING DATAMART SOFTWARE FOR THE DISTRIBUTION OF GOODS OUT IN SBMART BANDUNG. (Case Study SB mart Bandung)

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SB Mart is one of the co-operative business units engaged in trading daily basic needs. In its operations, SB Mart also distributes daily basic necessities to its outlets or branches. Currently, SB Mart is experiencing difficulties to perform analytical calculations since the current database architecture design is not capable for further data analysis. The company wants a system that can provide detailed information about the distribution of goods that facilitates SB Mart to perform the analytical calculation of the increasing amount of goods demand in certain outlets located in Bandung.

Data mart is part of the data warehouse that supports reporting and data analysis on a unit at a company in analyzing existing data to support strategic decision quickly and accurately. The development of data mart uses Snow Flake data modeling and OLAP (On-Line Analytical Processing) data design for processing and data analysis using the Roll up and drill down and Slice and Sice technique.

Based on the results of the study and after performing alpha and beta testing of the system that has been made, it can be concluded that this application can facilitate SB mart managers in Bandung in analyzing the distribution of goods out at every branch located in Bandung.

Key Words : *Data mart, Data Warehouse,Snow flake, Olap, Roll up and drill down and Slice and Sice.*