

ABSTRACT

PT Indomobil Suzuki International is a company engaged in the manufacture of motor vehicle assembly industry, both two-wheeled vehicles and four-wheeled vehicles. The company is requiring raw materials components, engine and vehicle accessories, so it needs a rule in material receiving and material supplying to assembly line.

The procedures that we need for monitoring and recording some components in industrial manufacturing—both two or four vehicles--still need many times and measuring tools in each warehouse. Besides, recording for daily outgoing material still doesn't exist for assembly line. As a consequence, we can find any errors in calculating and recording actual stocks that cause uncover number of components demand. Since too many components kept at the warehouse, this situation also causes unavailable components at assembly line.

With the design of information systems is expected to supply raw materials to help companies in checking and recording of actual stock and can help in performing decision-making in purchasing raw materials. The design of information systems of raw material inventory is made based on analysis of existing systems, namely by analyzing the existing business processes in the warehouse of raw materials. In addition, the information system of material stock also equipped with a warning system that provides information about actual stock and warehouse conditions related to capacity and the amount of existing materials and search procedures of raw material storage location. The information system of material stock also provided by considering the proposed purchase of safety stock, reorder point and economic order quantity, and with regard to the conditions that allow for special order.

Keyword: information system, actual stock