# *ABSTRACT*

## *INFORMATION SYSTEM OF FORECASTING STOCK OF RAW MATERIALS AGUNG SUHANDA HOME INDUSTRY*

***By***

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*Agung Suhanda home industry has been established since 2009, making a stir in services wholesale sandals. Agung Suhanda still doing manual data processing, so the recording of data requires a lot of paper and take a long time to find the data and allows the data is damaged or lost and lead manager of the difficulty to control the stock of raw materials which contribute to the delay in the production process, while the number of orders of the year over-year increase. to anticipate problems in the procurement of raw material stock and also overcome the obstacles in managing data and more and more complex, associated with increased production activity in the Agung Suhanda home industry, it would require an information system in terms of data processing and supply of raw material stock to predict how many raw materials needed to meet the stock of raw materials.*

*Simple average method will be used as a tool to forecast or predict the number of orders for products in a single period. In the simple average method the values that would predict the purchases of raw materials by ordering products on a year earlier. The method of analysis used in the construction of this system is based on a structured method, in which tools are used to model the data flow is DFD (Data Flow Diagram), diagram to model the relationships among the data is the ER diagram.*

*Information system of forecasting stock of raw materials made in the Agung Suhanda home industry has a advantages, namely the application is able to provide the required information as desired, the application makes it easy enough to manage the data in raw materials, the application can assist in the process of recording transactions and purchase orders, applications can assist in forecasting stock supplies of raw materials to come, as well as preparing reports and statements of purchase orders for products of raw materials.*

***Key Word** : forecasting, materials*