ABSTRACT

INFORMATION SYSTEMS DATA PROCESSING SERVICE VEHICLES IN AGUNG PERKASA MOTOR WORKSHOP

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Changes in information technology today is very rapid. The important thing from this technological change is how to manage utilization for convenience to the user order to help the everyday life in various areas of the world of work. One of them is in the automotive field.

Agung Perkasa Motor Repair is an authorized dealer who is engaged in the motor distribution. In the process of lawyer-input data customer service, officer Agung Perkasa Motor Repair still use manual way is by way of customer service record data into the service invoices that are still empty.

In addition, it can be seen also that the supply of spare parts in the Great Mighty Motor Repair is sometimes experienced out of order / out of stock. This is because the process of determining which still lack an accurate inventory.

In order to deal with rapid technological change and improve the effectiveness of data processing, these stakeholders are required to take the right decisions in designing marketing strategies to improve service transactions.

The need for information (or knowledge) as a supporter in making business solutions, and support infrastructure in the field of information technology is the forerunner of the birth of information systems technology.

Information System is defined as a set of techniques used in automatic data processing. One of the methods contained in the information systems used in this research is Forecasting Linear Regression, where Forecasting Linear regression is one of the forecasting techniques that function in determining the inventory / stock of spare parts that will come under the variable year and the amount of inventory / stock of spare parts.

The results of this research is the application that will improve the effectiveness of the process data processing service vehicles and help determine the inventory / stock of spare parts in each period to the next.

Keywords: information systems, information systems data processing service vehicle, forecasting linear regression, development of time