ABSTRACT

AYU WULANDARI, "Design of Information System To Repair Service Alin Motor Karawang" under guidance R. Fenny Syafariani, S.Si., M.STAT.

Bengkel Alin Motor is a company that does repairs to the motorcycle back in working order in accordance with the wishes of the owner or the original form of the motorcycle. In the work of all services such as transactions, motorcycle service, sales and purchases are recorded manually, stock of goods in this workshop are recorded in several books and there is no detailed information, so that frequent loss of spare stock of goods in this workshop are recorded in several books and there is no detailed information, so that frequent loss of spare parts, while the report of the motor service, sale or purchase of data that often occurs due to incompatibility of data is lost or damaged. From the results of studies conducted, researchers intend to solve the problems faced in on this Bengkel Alin Motor. Therefore, it needs an information system.

System development methods used in the design of information systems services at this is Bengkel Alin Motor Prototype method. Prototype is a method wherein the method can be used to connect the customer is disagreement about the technical specification requirements and clarify the desired customer to software developers. Tools used by the UML, where UML is a visual language for object-oriented modeling language, design method in this design step will be described with the use case diagram, use case scenarios, activity diagram, sequence diagram, collaboration diagram, class diagram. The software used is Java, Netbeans, MySQL, PhpMyAdmin.

From these results, researchers will design an information system that can process data services such as, motorcycle service, sales and purchase of spare parts are expected to ease in processing data.

Keywords: Information Systems, motorcycle service, sales and purchase of spare parts.