ABSTRACT

DESKA AYULIAN, "Design of Information System Services at Bengkel Indra Jaya Motor (IJM) Bandung"
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Bengkel Indra Jaya Motor (IJM) is a company that does repairs to the motorcycle in accordance back to the original form and can be well to use. In the work of all services such as service, parts sales and purchases are recorded manually. The stock of goods are recorded in a book, and theres no detailed information, so that resulting the frequent lost of spare parts. And the report of services and purchase, often got mismatach of data based from the lost data due to manual recording. From the observe that researchers were doing, researchers intend to solve the problems faced by Bengkel Indra Jaya Motor (IJM). Therefore, it needs an information system.

System development methods that used in creation of application services at Bengkel Indra Jaya Motor (IJM) is Prototype. Prototype is a method that can be used as a bridge to connect customer's disagreement's about the technical specification requirements and clarify the customer wanted and need to the software developers The tools which is used is UML, where UML is a visual language for object-oriented modeling languages, design methods in the design of these steps are described with the use case diagram, activity diagram, sequence diagram, class diagram, Deployment diagram. And the software which is used are, Java, Netbeans, MySQL, PhpMyAdmin, PDF.

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

***Keywords**: Information systems, services motorcycle service, sale and spare parts purchasing*