

Major Information Systems  
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**ANALYSIS AND DESIGN OF INVENTORY AND TRANSACTION  
MANAGEMENT SYSTEMS FOR PD REJEKI MAKMUR**

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**Abstract**

The objectives of this thesis are to analyze the current system of PD Rejeki Makmur and find the problems made by the current system. In addition, it is also aimed to design the new proposed system to help PD Rejeki Makmur to simplify their business process in doing their daily operations that will be minimized errors occurred in the current system.

Method that will be used to analyze the current system is interview. By doing interview, the business process will be explained in context diagram and data flow diagram and also, the problems will be known. After that, for the new proposed system, the proposed context diagram and data flow diagram that has been simplified is also made along with the ERD and prototype. Prototyping is used so the users could try and feel the new system, so they will be familiar to use the system when the system is already implemented.

The results of this new system will be implemented to replace the current system, to help the employees of PD Rejeki Makmur to do their daily business operations, to minimize errors occurred, and to solve the problems occurred by the current system.

In conclusion, the new proposed inventory and transaction management system has an aimed to increase the effectiveness and efficiency of business process in PD Rejeki Makmur.

Keywords:

Information System, Inventory Management, Transaction Management, Context Diagram, Data Flow Diagram.

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