**ABSTRACT** 

Techno Guard is one of the companies that provide services in the field of

washing clothes. Increasement the number of customers have impact on

enhancement service to customers, but the support services that have been offered

are still very low. The support services related to data processing orders,

payments, and finance in the laundry Techno Guard. The development of this

system aims to find solutions to improve the accuracy and speed of data

processing, as well as ease in controlling all activities to support the work process

in running the laundry business.

Laundry Operations Information System is created by using waterfall methods.

Waterfall method have several steps of the research, that consists of preliminary

stage phase, analysis and design phase, implementation phase, analysis phase and

evaluation of existing business processes to analyze the result. With analyzing the

existing business process first, it used to find the necessary requirements in the

development of system. The system design is made in the form of Business

Process Modeling Notation (BPMN) and UML diagrams. After the system design

is the coding and testing, which for testing are performed using scenarios User

Acceptance Testing (UAT) that have to be tested by each user. The development

of system was made by using Code Igniter framework programming language,

which is created in the form of a website.

The system that has been designed in this study can serve laundry service

transactions include monitoring the performance by the processing time of

laundry. In addition, these systems can also develop financial report that can be

accessed quickly and accurately. The result of this system is expected to make the

process laundry can be done effectively and efficiently, so that will make it easy

for the customer and the laundry business.

Keywords: laundry, transactions, finance, inventory, information systems

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