ABSTRAK

DESIGN OF PROCUREMENT INFORMATION SYSTEM USING OBJECT-ORIENTED METHOD (CASE STUDY AT PT. SINAR TERANG LOGAMJAYA)

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Developments of technology in various fields of life take place very rapidly, especially in the information technology. Progress of information technology in Indonesia, providing a great opportunity for information system development and using by companies. PT. Sinar Terang Logamjaya (Stallion) is a manufacturing company that prioritizes increasing productivity, to handle the increase of productivity must be supported by the performance of all parts, especially the procurement of goods. Implementation of technology information system in the procurement of goods can accelerate the performance with a strong level of accuracy.

The method used to design the procurement information system is object-oriented that begins with a survey and interviews to analyzing current business systems. Describing Statement the existing problems. Make a functional model system with flow diagrams, use case diagrams, scenarios, and squence diagram. Make a model of the object by determining the tentative class, eliminating the tentative class, determine the attributes of objects and relationships, create class diagrams, create data dictionary, and the state diagram. All of these steps to get picture of the concept for system design.

The design of procurement information system application is implemented using the Java development kit (JDK) software, the programming editor eclipse, and Php MyAdmin (MySQL) as its data storage (database).

The availability information system applications of procurement, can produce sheets of ordered goods (Purchase Order), proof of receipt of goods (BPB), a card of raw material (KRM), and the Database section of procurement. This application is expected to increase the speed and accuracy performance of the procurement of goods. The author also hopes the system can encourage the development of information technology in Indonesian companies.

Keywords: information system, object-oriented, procurement, Java, My SQL.