ABSTRACT

Development of this mature economies where competition between companies to one another higher. This causes the drive will need the technology as a supporting device will be higher as well. Like the case experienced by Kurnia Jaya Mandiri CV company engaged in the sale of daily necessities, in terms of running its business activities are still many deficiencies are found here and there. This is because the recording of sales transactions are still done manually so that it always happens the provision of inaccurate data even out of date, inventory information is still difficult to control so as to provide a bad influence on the performance of the supply of goods. Even counting the payment data at the time was still susceptible to errors as well as providing a report which was given a sudden. Then through research is expected to be able to build sales and purchasing information systems that can improve the existing system and be able to meet the needs of the transactions between cashiers, customers, warehouses and suppliers more efficiently and economically

To be able to achieve that goal, then do the steps that consist of system analysis phase with the Unified Modeling Language (UML), while for designing and implementing information systems sales and purchases in CV Kurnia Jaya Mandiri this using the PHP programming language, MySQL database software Apache Web Server applications, and supported also by the machine tool of the Barcode Scanner to accelerate the collection of goods, while the information system development use prototype method.

The end result of this research is in the form of sales and purchase information systems that greatly assist in meeting the needs of sales and purchase transactions for consumers and suppliers to be more efficient

Keywords: Information Systems, Sales, Purchase, Barcode, UML, Prototype.