ABSTRACT

PT. Barata Indonesia (Persero) UUM Bandung is one of the companies engaged in manufacturing, where the main production of heavy equipment and steel construction. The company has enough employees so that there should be concern over the company so that employees remain loyal, and therefore PT. Barata Indonesia (Persero) build of cooperative employees to improve the welfare of its employees. On Information Systems Cooperative Employee PT. Barata Indonesia (Persero) UUM Bandung is still considered to have a lot of obstacles in its operations. All of administration (organization, savings and loans, and stores) are still using the method of bookkeeping, data is still difficult to searched, data processing or savings and loan transactions are slow, and errors in reporting. This study aims to determine the running system, making the system design, analysis and system testing. This study is useful to build on Information Systems Cooperative Employees PT. Barata Indonesia (Persero) UUM Bandung.

The method research includes observations and interviews directly to an officer of the cooperative. And use the library research that is relevant to the problems. For the design of the study is a descriptive method and the method of action. In designing this study used the method of approach is the approach of Object Oriented Analysis and Design, the method development used is prototype, the tools used to design a system is UML (Unified Modeling Language). This software was written using Java, while the software is selected to design this application is the Netbeans IDE 6.9 with XAMPP.

With the cooperative information system, can help management of PT Employees Cooperative. Barata Indonesia (Persero) in performing all the operations of cooperatives and easily manage all the administration. Similarly, members of cooperatives, can more easily get the required information timely and accurate for the purpose.

Keyword: "Information System, Cooperative, OOAD, Prototype, Java"