ABSTRACT

The Wijaya Kusumah Hospital at Kuningan is an institution engaged in services, where each employee must give the highest priority for the services to their patients. The administration process of inpatient has not been computerized yet. This is proven by the persistence of the paper based recording on the patient's medical record and also the delivery of important information between internal needs such as the administrative officers, the doctors, the pharmacists and the lab officials are still slow. This is caused by the different position of the room between each other.

The reporting process has also become very slow because the administrative officers must recap all the transaction's data first. To solve the above problems, the author develops the system using the prototype method. This method provides ideas for the system analysts or the programmers to represent a complete picture. Thus in this method, the clients can also see the whole models of the system, both from the interfaces as well as the procedural techniques that will be built. The tools used to describe the models in the system design are the flow map, the context diagram, the DFD (Data Flow Diagram), the ERD (Entity Relationship Diagram), and the table relation. While for database application and programming language, the author uses the MSQL database server and the Visual Basic 6.0.

The Inpatient information system can ease the process of the administrative work in processing the patient's data. The system also makes the overall service of the hospital faster and better.

Keywords: Inpatient, Prototype, Implementation