ABSTRACT

Prison is the place to do the coaching of prisoners and correctional students in Indonesia. Technical problems that occur in the management of correctional institutions in the data processing activity is data processing and data searching process takes a long time because data is still stored in the form of archives, the length of the process of delivering and receiving the information needed, and the length of the reporting process.

The purpose of this study was to make a payroll information system application program. System development method used is a method Classis Life Cycle or Waterfall model, its application using the Java programming language and the My SQL ODBC 3.51 Driver as a database. The tools used in the design of the system is the Use Case Diagram, Scenario Diagram, Activity Diagram, Sequence Diagram, Class Diagram, Component Diagram, Deployment Diagram. With the design of computerized systems, data processing, information presentation, and reporting will be faster.

With the design of computerized systems, data processing, information presentation, and reporting will be more quickly and effectively. Data security more secure and can reduce errors in data recording process and reduce errors in reporting.

Key words: information systems, payroll, Penitentiary