ABSTRACT

Human Resource Information System (HRIS) is an integrated information system that provides information used in making human resource management decisions. PT. Transamudra Usaha Sejahtera (TRUST) as a transportation services company serving marine transportation for agro-liquid products such as palm oil and olein, as well as petroleum products is still doing the file-based and manual way of human resource management so that making it less efficient. HRIS as a collaboration between human resource management and information technology is a solution to make human resource management performance at PT. TRUST becomes more efficient. This HRIS development process was based on Unified Modeling Language (UML) where the problem identification was represented in a use case diagram, and the analysis of the system was represented in activity diagrams, class diagrams and statechart diagrams. The design of the system was made with Java programming language, which made HRIS consists of four subsystems, namely the selection subsystem consisting of psychological tests module and interview assessment module, employee subsystem that includes personnel data recording, performance appraisal subsystem consisting of staff and managers performance appraisal, and employee payroll subsystem that includes salary and benefit recording. This HRIS has the advantages such as speed in correcting the assessment results and ease in the storage, retrieval, and printing reports.

Keywords: HRIS, UML