

ABSTRACT

Sekarkurung mining is a business entity that manages the old oil fields in Gresik, East Java. Each data management activities at the sekarkurung mining still manually without use any programs or application. When drilling process and making shelter the reservoir engineers filed manufacture equipment to the field manager manually not using specialized applications written yet, so data submission are often scattered and not integrated with other data that is actually interlinked. Payroll processing was done manually where supervisors oversee production and filling of employee present after that the attendance data given to the form field manager and then manager of the pitch attendance sheet will record the data and calculate the salary by using Microsoft Office Excel. It is also in the making payroll report is still using Microsoft Office Excel file in which each statement only distinguishable from Sheet name only.

In making this application is begun with analysis the company's needed and also method and tools which suitable for using in Sekarkurung Mining. The application is analysed by using Data Flow Diagram and made in program language PHP, and database MySQL. The last result of this application can help data management processes during drilling, making shelter and employee payroll.

Keywords: Web-based application, PHP, MySQL