ABSTRACT

DESIGNING DESKTOP-BASED APPLICATION FOR PROCESSING ADMINISTRATION DATA IN GLOBAL SERVICE ENGINEERING LTD.

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Global Service Engineering Ltd., is the company engaged in the infrastructure and shipbuilding sector. The problem statement of this research was that all employees' salary was processed through Ms. Excel and the process had not run optimally because the data storage had not been organized into the database. The method to develop this application used Waterfall method contained analysing, designing, coding, implementing, and maintaining phases. This system facilitated staffs to process the data reports, the employee attendance data reports, the salary reports, and the employee salary accurately and quickly. This application was designed by using NetBean IDE 7.1.2. The database used SQL Server Management Studio. The result of this application showed that the application was designed to manage data quickly and efficiently in Global Service Enginering Ltd., and the reports were displayed and printed whenever it needed.

Keywords: System, Information System, Database, Netbean IDE 7.1.2