

Automated Payroll System for ANT Mechanical Works

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An Undergraduate Special Problem
Presented to

The Faculty of Computer Studies Department
De La Salle University – Dasmariñas
Dasmariñas, Cavite

In Partial Fulfillment of the Requirements for the Degree Bachelor of Science in Computer Science

by

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March 2002



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ABSTRACT

The Automated Payroll System for ANT Mechanical Works is a functional, user-friendly application that attends to the limitations of the conventional or manual process of payroll. It is an essential step toward modernization for the company, utilizing their resources (Personnel, Machine, Money, Time, etc.) wisely. The Payroll System handles all computations needed for the calculation of each employee's salary. It maintains employees' files, as well (personal information and daily time record). The system produces Pay Slip, complete with details of an employee's DTR, holiday pay, overtime, under time, late, absences, and tax deductions (as well as Medicare and SSS contributions). It also generates reports monthly and yearly for inventory purposes, as to determine how much money the accounting department released this month or to find the total SSS contributions for a specified year. The designated user can also specify the range or time frame (in days or months) required for a particular report. The Waterfall Methodology with Prototyping was used in developing the system. Further capabilities of the program are as follows: (a) allows access to multiple users with individual passwords for security purposes, (b) generates payroll reports in reference to the Projects the company is working on (both new and on-going), and (c) creates back-up of the database for recovery. It also has ANT Payroll Help to guide a new user throughout the application.