De La Salle University-Dasmariñas

Network Based Payroll System with Biometrics

For Mandaluyong Ice Plant and Cold Storage

An Undergraduate Thesis Proposal Presented to

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ABSTRACT

The study focused on creating a Network Based Payroll System with Biometrics for Mandaluyong Ice Plant and Cold Storage to eliminate problems encountered with the old system.

A Payroll Sytem is a type of Transaction Process Sytem that used to compute the salary of employees in a given time. It also stores employee information and other financial record for reference.

Mandaluyong Ice plant and Cold storage is a 50 ton capacity operation composed of 15 regular office staff, 12 casual workers, and 75 regular labourers-totalling to 102 employees. Casual and regular workers are working on a three period shift, 24 hours a day, and six days a week while the regular office staff works 8 hours a day, from 9am to 6pm, six days a week.

The company are having problems on getting their work payment due to manual transaction. One of the problem is Microsoft excel that leads to data inaccuracy and time consuming preparation of payroll. The company is using a time card for recording the time in and out of employees which are then manually encoded in a computer.

The researchers used prototyping methodology in developing the proposed system because it requires the knowledge of the whole system cycle before it is actually accomplished and they used C#.net as their programming language. The proposed system includes automated DTR, computation of salary,bonuses and deduction, file maintanance and security that eliminates the problem of the company.

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