

**MIRANDEL DRESSING PLANT
INFORMATION SYSTEM**

A Capstone Project

Presented to

The Faculty of the College of Computer Studies

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Bachelor of Science in Information and Technology

By

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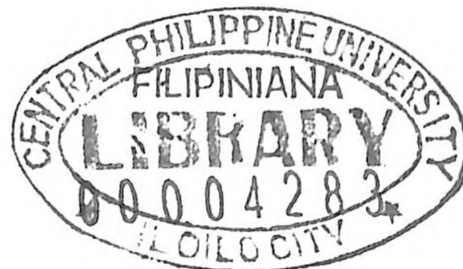
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ABSTRACT

The study was designed to develop a Mirandel Dressing Plant Information System for the Mirandel Dressing Plant. It focused on the development of the following: A profiling module that handles the customer, hauler, and contract grower profile; a sales module that calculates the sales accurately; log in and log out module that records employee's attendance and computes salaries; estimation module that determines weights of unprocessed and processed chicken and its by products; a payroll module that generates employees' payroll; a report module that determines and generates billing statement of customers.

The Application Development Life Cycle Model was used in the development process. It has the following phases: a) requirements, design, implementation and test and review.

Results of test cases showed that the developed system was able to generate accurate profile of customer, contract grower and hauler; the sales module was able to accurately calculate sales; the log in/out module was able to record employees attendance and compute salaries; the estimation module was able to determine weights of unprocessed and processed chicken as well as its by-products; the report module was able to generate reports on request; and the billing module was able to generate and print updated customers billing statements.

Based on the results, the proponents concluded that the proposed system Mirandel Dressing Plant will greatly help in managing daily transactions. The records can be kept

in the database so physical damage is almost avoidable and retrieval of data is easy and fast. The system also has a digital weighing scale that is connected on the system for easy and fast recording of chicken weight, which is stored directly to the database. It has also a finger print scanner that will authenticate the employees' attendance and a security feature that can provide the authorization for the personnel to access the system.

Based on the above conclusion, it is recommended that the information system is implemented by Mirandel Dressing Plant to improve transaction processing as well as improve customer relationship management.