



Definition of the Project

Software Engineering

Group: Techware

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Client: "Panes de la Rumiñahui"

PROBLEM

A program is needed that keeps a record of the hours of work and sales made (Money entered) by employee. The user needs help to organize the hours that each employee works and the earnings that each one generates. Sales are made through payments in cash, credit/debit card or electronic banking. And employees must announce the time they start work as well as when they finish.

GENERAL DESCRIPTION

It is important to have an organized record of the hours that the employees work, since in this way you can have a good work environment without major problems, if any, how do you have the record of the employees with their respective entry times and output in addition to the sales they have made, you can call someone's attention without making false accusations.

BACKGROUND

A system that keeps the hours and income organized with the respective person in charge at that time in order to optimize sales and improve the income of the " *Panes de la Rumiñahui* " establishment. Employees need to enter hours that do not conflict with others in such a way that their times are optimized, which will generate that " *Panes de la Rumiñahui* " have more lively and productive employees when doing their work.

Important points to keep in mind:

- Having a system that controls and organizes the times of each employee helps to speed up sales.
- Having a system that records sales made avoids confusion about when money comes in or goes out.
- Have a payment method which is easy and quick to perform.
- Payment methods, whether cash, credit/debit card or virtual banking, will also keep a record.
- The system will organize everything and it will be easier to solve the problems that arise

FINAL ANALYSIS

The proposed program will serve as a method of optimization and organization to avoid confusion when an employee enters or leaves and in turn have a record of all sales made to improve the time of the same, thus obtaining a program basic to keep a record of all the times in which some action is performed.

The program works in such a way that the employee enters his username and unique password to register his entry and exit time, in the same program the employee must register the sales he makes and the methods by which the client pays that are credit cards. credit/debit, cash or through virtual banking, all this in order that the client has several options that fit their situation at such a time that it can generate a quick sale time and at the same time easy to do it, in the end of the shift, the employee must register his end time and in turn enter a new one.