Universidad de las Fuerzas Armadas "ESPE"

ingeniería en Software

Integrantes: Escobar Isaac, Félix Cristian, Gonzales Ariel, Gualotuña Richard.

NRC: 3682

Fecha: 07/06/2021

Nombre del Profesor: Jorge Edison Lascano

Workshop: Finding Objects, then classes, then model

INNOVA CODE

Problem

In this case we need a system that is capable to calculate the quantity of products the store has in order to have a well-organized inventory. The objective is that the system can advertise the customer when a certain product is about to end the stock, if this product was highly requested or bought taking into account the time this certain product was sold and if it's a good option to know if this product has to be more bought.

Overview

Time advances and we must advance with it, cell phones have become an indispensable instrument in the daily life of humans in the 21st century since the technology they cover grows exponentially and in these times they help us to carry out most of the activities that we perform in everyday life regardless of what we do. Due to this, our company has focused on the development of a program that can help a cell phone store, this program will be able to carry out an inventory management of the store, of the products that enter, leave and those that are kept in the warehouse, thus maintaining a good organization and facilitating the work of the owner of said enterprise.

Background

The fundamental objective is to develop software capable of managing, registering and keeping accounts of the products offered in a cell phone store. In order to have transparency when carrying out any commercial transaction, and even have a certain guarantee based on the software.

In these types of stores, certain inconsistencies in inventories, income and expenses are very common, mostly due to human errors, which is why it is sought to automate sales and clothing records to a certain extent, to minimize waste. risk of errors.

In a stock market, all companies and their actions are identified. by symbols, which are short character strings. For example, in our case it is INCD

The problem raised above can be solved thanks to the administration program and a series of identifiers in the form of acronyms, which represent certain basic data input and output actions within the software

Table 1 – Products

Products		
Features		
Name		
Model		
Condition		
Purchase Price		
id_products		
Existence		
Sale price		

Table 2 – Invoice

Invoice	
Customer name	
Iva	
Date	
Id_Invoice	
Total_Invoice	
Condition	
Sub Total	

Table 3 – Seller

Seller	
Name	
Last name	
Id_seller	

Table 4 – Sale Detail

Sale detail		
Total_sale		
Discount		
Quantity		
Price		
Id_sale		

Table 5 – Client

Client	
Name	
Last Name	
identification card	
Phone	
Address	
client_id	