Universidad de las Fuerzas Armadas ESPE

Programming AWD SW 3703

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Overview

The micro-company VinylStilos S.A is located in the city of Quito, which for pandemic reasons does not have a local physical and only makes personal shipments. Over the months, he has

It has been recognized by the citizens of Quito as an accessible microenterprise, which presents quality service to satisfy the needs and expectations of the client, with quality products and at a good price.

Since the micro-company VinylStilos S.A does not have a physical store, the way in which people know about its products is through social networks such as facebook or instagram. That is why it makes it difficult to reach all users and many times it becomes tedious to ask about the price and quantity of the products. By not having a web page, users cannot fully view all existing products either by category or quantity. In addition, the owners keep an inventory control by hand, which generates confusion and a certain type of disorder when knowing how many sales have been made or how many products are available. of the microenterprise. In addition, the manual system could be changed to something more technological according to globalization.

Background

Within the scope of product inventory, managers or owners should consider factors to work with them. Several fundamentals that allow to carry out a good control of products, obtaining from them the stock and a series of statistical aspects that indicate which of these products are the most sold.

For this project we have designed a web application to carry out a digital inventory control of the products, which has been developed manually and with a certain degree of difficulty. For which it is necessary to know about the sales of the product, the records of the products, the stock and the price of each of them and store this information in a database.

Proposed Solution

To the solution that we propose we will add the requirements that will be obtained through a technique of obtaining requirements, which is the interview. Through this technique, we have the idea that the entrepreneur can have a web application where he can show his products and sell them.

The first solution we have is to develop a web application where he can interact with the user, in addition to showing him all the products that Vinylstilos can offer. Separating them by categories and in this way it is easy for the user to access the product that he needs or is looking for.

The second solution we propose is to create a kind of dashboard where the administrator can be in charge of keeping a detailed control of the products, either by viewing the stock of the products, modifying them, adding new products and seeing the products they have. has been sold.

These solutions involve the use and implementation of a database.

The other solutions are implemented after the interview.