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Workshop

Problem

Billing control system for PYMES .

We need a billing system with which we can help people who are owners of small and medium-sized companies can have control of their inventory and information on their respective products. We also need to keep a record of earnings and expenses by issuing an invoice depending on the case, in each purchase that is made within and Outside the company.

Overview

As for the invoicing systems in SMEs, it represents the savings in resources much more feasible since leaving the invoices online avoids the use of paper, ink and time. Saving time is important in SMEs, so that staff save time in a process, this will allow the company to be more productive. A billing system also allows generating an endorsement when the client needs to consult information about her invoice. Cost reduction and staff reduction as no person would be needed to carry inventory or billing.

Background

The basis of any commercial enterprise is the purchase and sale of goods or services; hence the importance of inventory management by it.

To begin with, we had to choose a problem that came to mind was the lack of billing systems in small and medium-sized companies, SMEs, since these SMEs are enterprises of several people or companies have constant growth and application, which is why which we came up with the idea of implementing a billing system which allows us to issue invoices and manage inventory control in addition to showing us customer information or allowing us to bill without data.

Due to the factors that define SMEs such as the purchase and sale of products and services in addition to being subject to the free competition law which gives us the power to put any business in addition to thinking about our economic freedom which we It allows us to see that the SMEs that progress are the ones that have better and operate systems than the others, since if modern systems are not available, the company begins to decline and therefore may disappear

Another reason why this idea was chosen is due to the current situation of quarantine, since in the proposed billing system the invoices would be electronic and easily centralized in the server that is available for the activity, thus creating a decrease in the paper used to issue Invoices, the reason why SMEs were chosen is because they, being in permanent change, would not be enough with a single interface but with a number of variations as necessary for small and medium-sized companies.

For the creation of this billing and inventory control system, various programming paradigms will be used, as well as an exhaustive study of the market to have a good foundation of information to offer the result to an SME that is under the parameters before detailed and used for its creation.

The automation of administrative processes is the application of a group of software and hardware tools that make up an information system seeking to increase its efficiency. Information systems must know the broader dimensions of the administration together with its power to provide solutions to the challenges and problems in the business environment.