Pharmacy Store Management System

Introduction

The following is a synopsis for the project "Pharmacy store management system" which is a desktop application that features an interactive interface that eases the process of managing a store. The project was created solely using SQLite, python and its tkinter module. No third party application was used.

Project objective

This project was created for the solo purpose of easing out the process of managing a store. By working together we have developed a software with user friendly interface that keeps the record of all the items in store. Though the user interface the store operator can easy search though all the items in the store and can also locate a particular item. This is great for checking the availability of curtain product in store. The software is also equip with a checkout system that makes transaction easier. When adding new item to the stock we can also update our record very easily. If price of a curtain item increases, we can easily update it in the records.

Scope

Although this project isn't made with much flexibility and adaptability, the core elements of this project is sufficient to provide simple explanation of the word provided. Hence, this can be used in places of learning or reading such as library, school, etc, as accessing meaning of complicated words is made easier with a simple click of a button.

Features

Digitalising a manual process not only makes the work reliable but also reduces the overall cost. Hence switching to a software benefits the business greatly. There's many such software in the market to choose from however there are few things that make our software stand out. Here's the following.

1) Each input field is constantly validated each time user enters something hence the application will reject input that is either wrong or misspelled. This further enhances the integrity and reliability of the database record.

2) Though the user interface the store operator can easy search though all the items in the store and can also locate a particular item. This reduces a lot of hassles as the availability of curtain product in store is easily known.

3) The software is also equip with a checkout system that makes transaction easier.The software will prevent selling more than what is currently is in stock. This further makes sure that the integrity of the database is secured.

4) When adding new item to the stock we can also update our record very easily. If price of a curtain item increases, we can easily update it in the records. This makes the database flexible and reusable.

Conclusion

With the usability of python as a coding language increases day by day, keeping up with all its application became necessary. Simplicity of python allows us to create otherwise complicated application in an instance. Python is dominating the industrial marketplace as the simple, easy to learn and at the same time powerful alternative to other coding languages. This project demonstrates a simple application of python that finds meaning of words in an instance. This is an example of how powerful Python as a coding language is.