

Manarat International University

Department of Computer Science & Engineering

Software Development (CSE312)

Project Title: Invoice System (Desktop Software)



Team Name: Brotherhood Developer

Project Video Link: [software development - Google Drive](#)

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Abstract:

With the increasing technology, the competition in the market is growing at a brisk pace. Every business owner wants to be on the top in the game. And to do that, they are taking the help of advanced digital solutions. It is worth noting that the internet or modern-generation technology is breaking frontiers and playing a major role in making our lives easier. We, humans, invented the technology, and we are now addicted to it. Yes, you heard it right. From logistics to transportation, healthcare to education, real-estate to manufacturing, banking to finance, modern-generation technology has affected almost every industry. By adopting advanced technologies, all these domains are scaling up their services to provide reliable services to their customers.

Introduction:

Invoicing software refers to a set of programs that are used to handle complex invoicing tasks. It features a set of commands that are used to simplify business operations or activities. Moreover, the use of this tool is everywhere, including shopping malls, departmental stores, grocery stores, pharmacy stores, garment shops, hospitals, etc. However, invoicing software can be range from the simplest to the more advanced invoicing software.

Programming Language

➤ Python

Requirements

- Python Libraries(Tkinter)

Features

- Creation of new invoice,
- Predefined Templates,
- Creating customer records,
- Invoice,payment and tax report.

Data Input:

The data of customers like name, phone number, mail number, address, and terms of payment need to be collected to store in the word file. It also stores product & service information such as product name, brand, quantity, price, and product descriptions. You can retrieve customer data or product information easily.

Secure:

It keeps all the sensitive information of your business and customers secure. Being a payment solution, this software meets the security standard.

Advantages of Billing Software for the Retail Shop

1. Secure, Fast, and Simple,
2. Low Cost and Time Saving,
3. Work Offline,
4. Billing Reports,

What Are the Types of Billing Solutions?

The invoicing software can be divided into the following categories.

1. Legal Billing Solution:

Legal billing software with comprehensive features eases the operations of legal firms. To make legal practice even more accurate, this software with more advanced functions is used to make the business process easier.

2. Inventory Billing Solution:

This software has been built to meet the needs of retailers. This solution is used to generate profits from inventory that belong to retailers, manufacturers, and wholesalers. Prices of inventory can be figured out easily by product name.

Future Scope and Development:

1. Barcode Integration:

You all must have seen the barcode scanner at the billing counter at retail stores or shopping malls. It is used to scan the barcode mounted on the product to get the price and detail of the product. An ideal solution with an integrated barcode scanner makes invoicing faster with accuracy.

2. CRM (Customer Relationship Management):

Having a long-term relationship with the customers is a sign of success. The invoicing software integrated with CRM can help you increase customer satisfaction and improve the overall performance of your business. The business person can also interact with the existing customers and new potential customers to build a better relationship with them.

3.Email Integration:

Sending invoices over the mail id of customers is now easier with this tool. This feature allows you to send invoices of products over the mail id of the customers. In addition to this, you can also send mail to the customers related to the offers for better customer engagement.

4. Integrated Payment Options:

In today's time, most of the customers prefer to pay for the products through digital wallets, credit/debit cards, etc. The solution integrated with various payment modes will be beneficial for both customer and store owner.

Conclusion:

Billing & invoicing software is like a pillar of business that eliminates the manual entries and automates the complex billing process to cut the expenses and increase the efficiency of operations.