Automatic Receipt Producer (Online Billing System)

Omkar Gaikwad[1], Palash Aware[2], Sagar Chavhan[3], Ms. M. A. Anwat
Department of Information Technology,
Matoshri College of Engineering and Research Centre, Nashik, India

Abstract: *Invoicing and billing application for different business purposes helps mainly the service providers and freelancers to manage, send professional invoices online, and track its status. Generally, all the small companies in Saudi Arabia facing a various issues for managing and tracking the invoice status of customers, which mostly back to the lacks of adapting new technology in these companies. One of these lacks is tracking the bills status for a detinite projects'. Therefore, this research intends to design and develop an online billing and invoice management system to expenses effortlessly and saves both time and money on the employees in the Saudi small companies (Sepco Company). The propose system intend to provide a digital tracking of the time spend on projects and send invoices directly to clients. An evaluation was conducted among 30 employees and business administrators at Sepco Company to perceive their opinion towards the system ease of use, usefulness, and satisfaction. The result revealed that the proposed system gained a satisfactory level among the participants*

Keywords: E-invoicing, Digital invoice, Billing Software, Automated Receipt
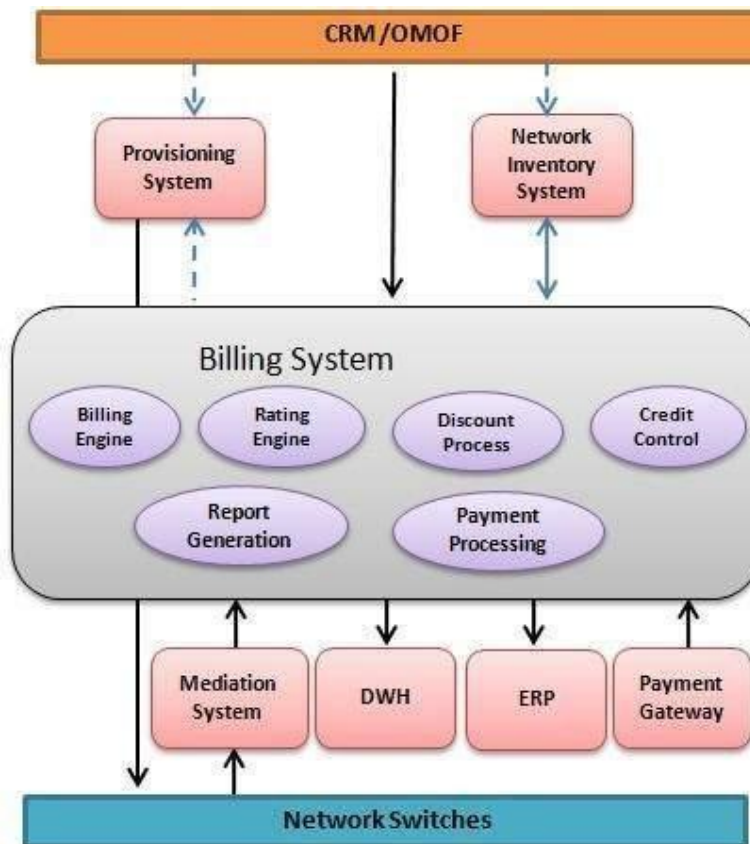
I. INTRODUCTION

The project "Billing system" is an application to automate the process of ordering and billing of a "Departmental store" .This based on Software . The Power Billing System Project Report basically deals with the billing system. Since it's Softaware application the problems of single tier could be solved using this Software Application Name: Billing system Paper bills are now the primary channel of communication between companies and their customers. However, their potential for personalization is limited, and they are not interactive. If a customer wants to react to something in his paper bill for example, to make a customer service inquiry or to order a new service – he must make a telephone call. Internet Billing promises far more than a new and inexpensive way to deliver billing information. Industry experts predict to athat Internet Billing will fundamentally change the way companies interact with their customers. Eventually, the Internet Bill will be an interactive entry to a host of additional services including customer self-care, automated sales one-to-one marketing. The Internet Bill will become the gateway through which customers and companies have electronic one to one dialogs. PHP is a popular server-side scripting language that is commonly used for web development. It is particularly useful for creating dynamic web pages and web applications. PHP is often used in conjunction with a database management system, such as MySQL. MySQL is a popular open-source relational database management system. It is commonly used for web applications and is particularly well-suited for web development because it is fast, reliable, and easy to use. A billing system is an important component of many businesses, as it helps them keep track of their financial transactions, invoicing, and payments. In PHP and MySQL, you can create a billing system by following these steps:

Design your database: Create a database with tables to store information such as customer details, products or services offered, and transaction information. Develop the backend: Use PHP to create the server-side code that interacts with the database, handles requests from the client-side, and generates invoices. Create the frontend: Develop the user interface using HTML, CSS, and JavaScript to enable users to input and view data, such as customer information, products, and invoices. Implement security measures: Make sure to implement proper security measures to protect sensitive data, such as encryption of user passwords and input validation.

II. LITERATURE SURVEY

PHP is a widely-used server-side scripting language that can be used to develop web applications, including billing systems. PHP billing systems offer a range of features, including invoicing, payment processing, account management, and reporting. They can be used by businesses of all sizes and industries to manage their billing processes efficiently.In a study conducted by Moniruzzaman and Hossain (2013), they developed a web-based billing system using PHP and MySQL. The system was designed to automate the billing process of a small business. The system was found to be efficient in managing the billing process, reducing the time and effort required for manual billing.Similarly, in a study by Al-Hilfy and Al-Jobouri (2016), they developed a web-based billing system using PHP and MySQL. The system was designed to be used by a small retail business to manage their billing and invoicing processes. The system was found to be effective in reducing the time and effort required for billing and improving the accuracy of invoicing.Furthermore, in a study conducted by Raja and Mohamed (2016), they developed a billing system using PHP and MySQL for a small medical clinic. The system was designed to manage patient billing, appointment scheduling, and medical records. The system was found to be effective in improving the efficiency of the clinic's billing process and reducing the time and effort required for manual billing.In conclusion, PHP billing systems offer a range of benefits for businesses looking to automate and streamline their billing processes. The studies reviewed demonstrate that PHP billing systems can be effective in reducing the time and effort required for manual billing and improving the accuracy and efficiency of invoicing and payment processing. However, it is important to ensure that the system is properly designed, configured, and maintained to ensure its effectiveness and reliability.

III. WORKING DIAGRAM

IV. METHODOLOGY

A software development methodology is the basic framework using which software developers can plan, structure and control the overall process of developing a software or information system. Software project methodologies are especially important, since it makes system user-friendly. This project includes crystal reports, Crystal Reports is a business intelligence application used to create custom reports from a variety of data sources. The package includes the major features needed for a business to create a database reporting environment, such as data access, report design/formatting, report viewing and application integration. The figure 5.1 explains the basic process involved in the methodology which includes purchase, inventory, tax rates, sales, quick billing, advance reports. In accounting, purchases is the amount of goods a shop bought throughout a periodic time. It also refers to information as to the kind, quality, quantity, and cost of goods bought that should be maintained. They are added to inventory. Here purchasing can be seen in 2 forms one is by the owner who buy goods and store them another one is by the customer who wants to take particular items from the shop. Inventory is the collection of unsold products waiting to be sold. It is listed as a current asset on an enterprise's balance sheet. Inventory is a key component of calculating cost of goods sold (COGS) and is a key driver of profit, total assets, and tax liability. Many financial ratios, such as inventory turnover, incorporate inventory values to measure certain aspects of the health of a business. Once a customer purchases the items corresponding value is deducted from the inventory and amount of tax along with the GST is calculated. Further sales are done, bills are generated and proper report is maintained

V. CONCLUSION

Today man getting change according to the technology and he always finds a new way to explore the things. Of course there may be many billing softwares but no small and medium scale shops are using them. " Billing Systeam " project will help the common people to know about how the things are done automatically and even how they can use their mobiles for these types of work too. Billing system provides a complete view of user's stock inventory, periodic reports, and also it gives full of security and protection. It mainly focus on making the system user-friendly. A smart billing system can provide numerous benefits to businesses, including increased efficiency, accuracy, and cost savings. By automating the billing process, businesses can reduce errors, minimize manual labor, and ensure timely and accurate billing. Smart billing systems can also help businesses track customer payment histories, identify trends, and forecast future revenue streams.

VI. ACKNOWLEDGMENT

REFERENCES

[1] http://www.codeproject.com/Articles/10824/Billng-system

[2] http://www.researchgate.net/publication/31385888

[3] 9_GST_bill%27_2016

[4] http://www.phptpoint.com/gst-billing-software/

[5] https://en.m.wikipedia.org/wiki/Client%E2%80%9

[6] server_model

[7] https://www.techopedia.com/definition/438/clientserverarchitecture

Copyright to IJARSCT
www.ijarsct.co.in

DOI: 10.48175/568

ISSN
2581-9429
IJARSCT

502