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Web Based GST Billing Software

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ABSTRACT

The system entitled "WEB BASED GST BILLING SOFTWARE" is a web based application software designed for all type of companies to maintain the bills as per the recent trending of filing tax in the name of Goods and Service Tax (GST) by the new government. Unlike earlier when there were multiple taxes such as Central Excise, Service Tax and State VAT etc., under GST, there is just one tax. GST is classified into CGST, SGST or IGST depending on whether the transaction is within the state (Intra-State) or between the states (Inter-State). The proposed software includes the GST percentage for all the departments as well as the software includes the HSN Code details. HSN code in GST has six digit uniform code that categorize 5000+ products and which is accepted worldwide. The Harmonized Commodity Description and Coding System generally referred to as "Harmonized System of Nomenclature" or simply "HSN" is a multipurpose international product nomenclature developed by the World Customs Organization (WCO). The designed new system will allow any user to design the billing software based on their needs.This system vanquishes the old stand alone computer systems and replaces them into a unified single software divided into number of modules that roughly approximate the old standalone systems.

keywords:- Web based GST Billing software

I. INTRODUCTION

Goods and Services Tax is the new multi stage, unified and consumption based tax levied on sale, manufacture and consumption of Goods and Services at national level to replace national and state tax systems like VAT, Excise Duty, Service Tax, etc. which exists now. The cascading effect of tax-on-tax is expected to remove which is prevalent presently. It is applicable to each business user's who are into Manufacturing, Trade, E-commerce or Services.

Depending on the level of compliance with Goods & Services Tax rules GST Compliance Rating is given to businesses which is a numerical rating. On merit basis, refund claims under the GST regime will also be processed, i.e on the GST compliance rating of the registered taxpayer. The refunds will be made in terms of percentage of amount based on the taxpayer's individual rating and it is expected that certain slab rates will be maintained for various taxpayers falling under various bandwidths of compliance rating. The refunds process is made easier for businesses with higher compliance ratings.

The main objective of the project is to connect all the business users to do billing system in centralized single software as per the Goods ans Service Tax system followed in India. To integrate individual business user's SGST, CGST and IGST tax; and then summarize the tax details to report the concern user's auditor mail. To develop a software to integrate all the billing and expense details. To generate a month wise GST Tax filing report.

II. FEASIBILITY STUDY

Feasibility study is a test of the system proposal according to the workability impact, ability to meet user's requirements and the most effective use of resources. The feasibility study is to serve as a decision document: it must satisfy the following factors:

1) User demonstrable needs

2) Problem worth solving

3) Method of solving problem.

2.1. Economic Feasibility:
Economic feasibility is the mostly used method of validating the effectivenessof a candidate system. The procedure is to determine the benefits and savings from the candidate system and compare the capital. If the benefits outweigh the costs then it is decided to go ahead with the project. Otherwise, further justification or alternations in the proposed system will have to be made if it to have a chance of being approved. It is an on-going effort that improves the accuracy at each phase of the system life cycle.

In the economic feasibility study, the following points were found out:

- The automated system will cost bit as the initial expenditure.
- Maintenance also involves some investment in terms of money.

Once the computerized system is installed, it can cater to the needs of the customer and the business without much of manual work, which is more cost-effective for the management. In the sense, the automated system is economically feasible.

2.2. Technical Feasibility:

Technical feasibility focus on the existing system and to what level of extend it can support the proposed system. It involves financial considerations to accommodate technical enhancements. If the budget is a serious constraint, then the project will be judged not feasible. Now considering the proposed system, and company planning to implement .So the owner having realized the advantages, benefits and economic feasibility of the new system is ready to afford the extra expense that may arise for the satisfaction of all the hardware and software requirements.
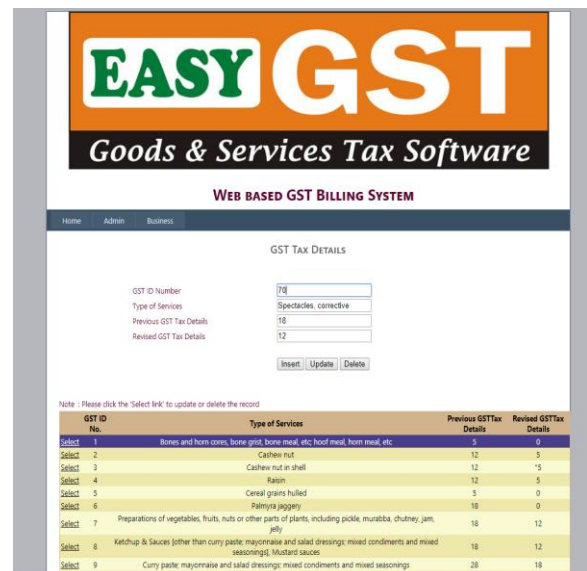
2.3. Operational Feasibility:

People are inherently resistant to change and computers known to facilitate change. An estimate should be made how strong a reaction the general public is likely to have towards a new computer system. It is common that computer installations have a lot to do with the turnover transfer retaining and changes to employee job status. Therefore it is understandable that the introduction of the candidate system requires some effort to educate and train the working staffs on a new way of conducting business. But since ultimately the introduction of a new system will only reduce the staff's workload, staff's may have no objection to install a computerized system and of course will be eager to extend their co-operation.

2.4. Behavioral Feasibility:

Behavioral feasibility deals with how the software developed behavior in different scenarios when deployed. It is also a very important part in the different stages of software development

III. DISADVANTAGES

I. No Integrated Software to generate online billing with customized reports

II. The user cannot opt the GST tax percentage for their business and no HSN code has been maintained in the billing system. Since the existing system entirely set on Value Added Tax (VAT) and Central Sales Tax (CST).

III. The user can only generate billing to their customer only with VAT and CST. But the VAT and CST are expired according to Indian Government Law.

IV. There is no facility available to transmit the Tax report to auditor mail.

V. There is no customized Reports such as Customer Wise Bill Reports, HSN Code Wise Bill Reports, Central Goods & Services Tax (CGST) Wise Reports, State Goods & Services Tax (SGST) Wise Reports and Integrated Goods & Services Tax (IGST) Wise Reports are available.

VI. No user friendliness in selected modules.

IV. ADVANTAGES

I. Any User can register their business and start generating GST tax details

II. Nearly 98 Category wise service and goods details are mentioned with splitted tax percentage details

III. Nearly 5000 commodity HSN goods details are maintained in this application

IV. User can select their customized GST tax percentage and the HSN code for the billing

V. The user can generate billing to their customer and have an additional support mail the bill copy to the customer.

VI. GST Tax filing facilities such as month Wise GST tax filing and year wise income tax filing are available.

VII. Customized Reports such as Customer Wise Bill Reports, Datewise Bill Reports, HSN Code Wise Bill Reports, Central Goods & Services Tax (CGST) Wise Reports, State Goods & Services Tax (SGST) Wise Reports and Integrated Goods & Services Tax (IGST) Wise Reports are available.

VIII. More user friendly to any kind of business people.

V. MAINTENENCE

Security and authentication of data is maintained in user level and the management level. The data is stored in SQL Server as RDBMS, which is highly reliable and simpler to use, the user level security is managed with the help of password options and sessions, which finally ensures that all the transactions are made securely.

VI. IMPLEMENTATION PROCESS

The implementation stage in a project involves careful planning investigation of the current system, checking constraints and the implementation and training the staffs in the new developed system.

VII. FUTURE ENHANCEMENT

The future system can be designed with more filter facilities such as supplier wise GST Billing.Integrate Bank transaction details with the application.Managing Credit and Debit details like mini accounts.The application will be enhanced into mobile application.GST Wise Report will be displayed in the form of chart layout.Auditor can view the company GST bill details in their mobile application itself.

VIII. CONCLUSION

Web Based GST Billing Software is a web based application software designed for all type of companies to maintain the bills as per the recent trending of filing tax in the name of Goods and Service Tax (GST) by the new government. The designed system is easy to allow a new company to

register their details and start using the billing module with their customized HSN code and the GST tax details. Based on the nature of work by the registered company, the billing module will be dynamically changed according to the accepted billing system to the company. The newly designed project is to connect all the business users to do billing system in centralized single software as per the Goods ans Service Tax system followed in India. To develop a software to integrate all the billing and expense details; and generate a month wise GST Tax filing report.

IX.   REFERENCES

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