

GST Computation System

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Abstract:- We begin by elaborating on the important concept of – cascading effect of taxes. It is also, logically, referred to as “taxes on taxes”. It is simple to illustrate – say A sells goods to B after charging sales tax, and then B re-sells those goods to C after charging sales tax. While B was computing his sales tax liability, he also included the sales tax paid on previous purchase, which is how it becomes a tax on tax. The GST is introduced to combat this problem, among many others. The main purpose of our software will making the invoices task easy and handles all user GST invoicing/billing needs. Customer will select the product and proceed for the invoices by retailer. Retailer will enter the product detail in system and amount of the product. System will select the Tax percentage base on the particular 2product and calculate the actual amount and tax. It will show the total amount of product including GST rates.

I. INTRODUCTION

The main purpose of our software will making the invoices task easy and handles all user GST invoicing/billing needs. The purpose of this project is to provide a friendly environment so it will design in such a way that anyone irrespective of the field costumer will can understand quickly. Generally speaking, an invoice is a commercial instrument issued by a seller to a buyer. It identifies both the trading parties, and lists, describes, and quantifies the items sold, shows the date of shipment and mode of transport, prices and discounts, if any, and the delivery and payment terms. Under GST, a tax invoice is an important document. GST computation system will give the platform to report the financial transaction with excessive ease. To calculate the GST rate for particular item in more efficiently. This software will easy to handle, anyone can use this software. This Software has database and in that store the product, entities or stuff that is come under the GST with the tax percentage i.e. 0%, 5%, 12%, 18% and 28%. Customer need to select the product and amount then system will automatically add the GST percentage as base on product and it will display the total amount and generate the invoices.

II. LITERATURE REVIEW

GST-Ready Tally ERP 9^[3], Apart from our core strength that helps you automate your business for growth, Tally is dedicated to walking the GST journey with you. A business having operations across different state needs VAT registration. Sharat Dhall COO (B2C), Yatra.com^[4], the tourism sector is on a growth trajectory. The GST announcement is expected to put India on the forefront in

terms of boosting the tourism sector, contributing more to the GDP and generating employment. As India readies itself for Goods and Services Tax (GST)^[6], a large number of companies will find themselves looking for software to help them comply with the new filing norms it requires. GST Computation System is new system that replaces the current system that is so difficult to use, customer need to learn the system then it can use the system, GST computation system is easy it user friendly. Currently GST tally System is so expensive and it is not affordable for normal Retailer to purchase It identifies both the trading parties, and lists, describes, and quantifies the items sold, shows the date of shipment and mode of transport, prices and discounts, if any, and the delivery and payment terms. In the above system the drawbacks are such that you have to be very careful with the password and there is an alarming possibility of losing the data in case of a virus or hard disk crash. Tally does not have any modules that you can call as an extra feature those results automatically when using a feature that already exists independently. That’s why in our system employee of any company does not have to go to different shops and order is not required. Shopper himself orders his products from his Android App. The shopkeeper will get the bill for ordering the product on his email id, the company will send the final bill by adding the money and GST tax to the shopkeeper's product. Your GST registered vendors will provide GST-compliant purchase invoices to you.

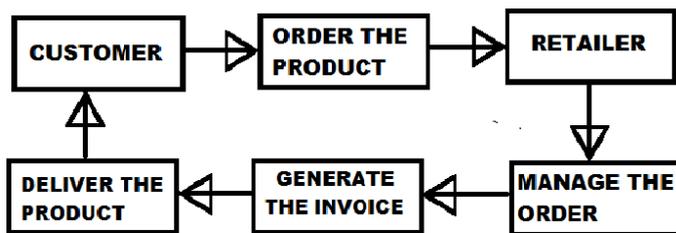
III. PROPOSED SYSTEM

a. BLOCK DIAGRAM

Considering the limitations of the existing system, we have proposed a GST Computation System. We are automating

the GST calculation and invoice generating process for retail consumers.

Customer will select the product and proceed for the invoices by retailer. Customer will once the selects the product and the place to cart and Retailer will enter the product detail in system and amount of the product. System will select the Tax percentage base on the particular product and calculate the actual amount and tax. It will show the total amount of product including GST rates.



b. ALGORITHM

SEARCHING

Linear Search (Array A, Value x)

- Step 1: Set i to 1
- Step 2: if i > n then go to step 7
- Step 3: if A[i] = x then go to step 6
- Step 4: Set i to i + 1
- Step 5: Go to Step 2
- Step 6: Print Element x Found at index i and go to step 8
- Step 7: Print element not Found
- Step 8: Exit

SORTING

- Step 1 – Set MIN to location 0
- Step 2 – Search the minimelement in the list
- Step 3 – Swap with value at location MIN
- Step 4 – Increment MIN to point to next element
- Step 5 – Repeat until list is sorted

c. PROCEDURE

SEARCHING

Procedure Linear search(list,value)
 for each item in the list
 if match item == value
 return the item's location
 end if
 end for
 end procedure

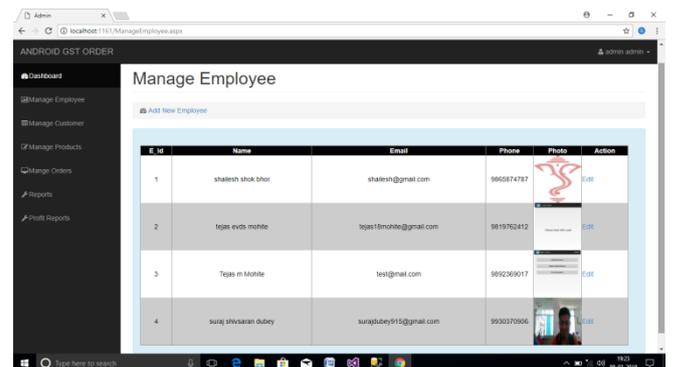
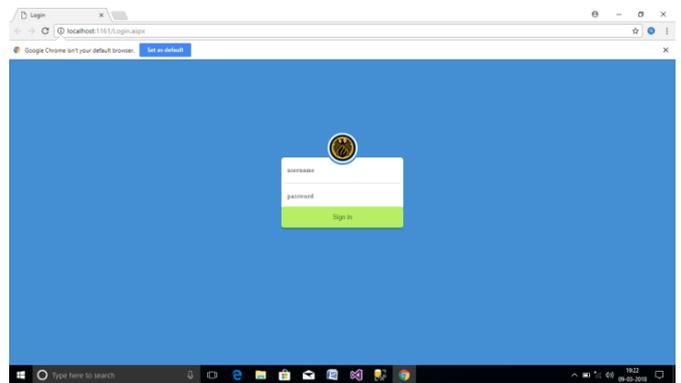
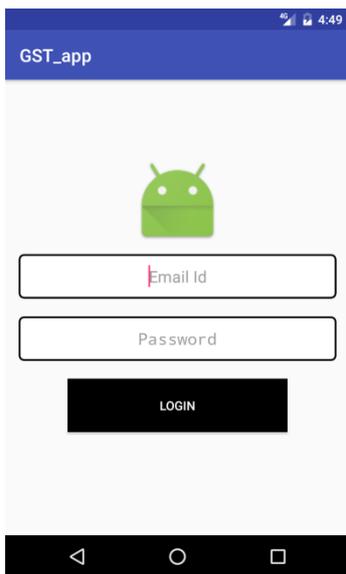
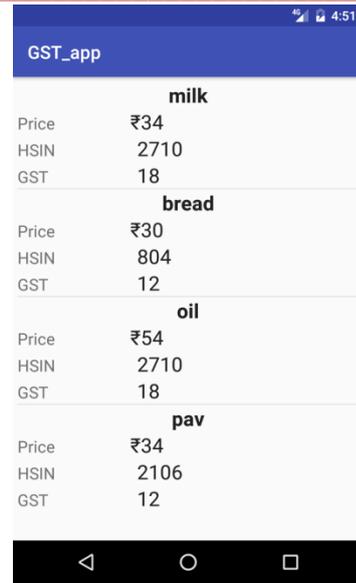
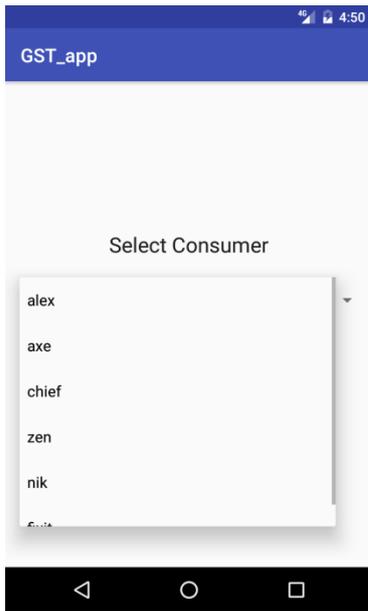
SORTING

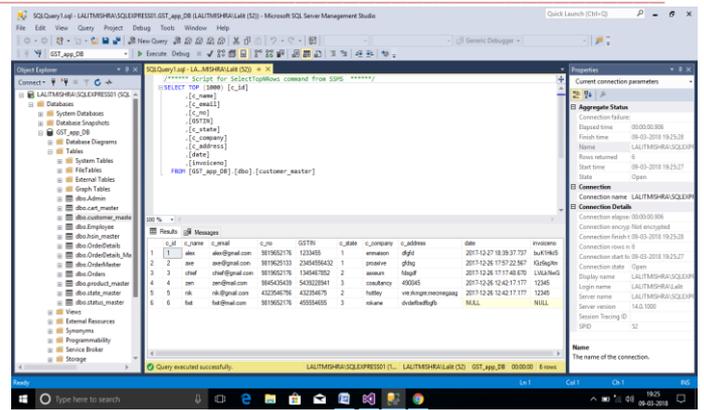
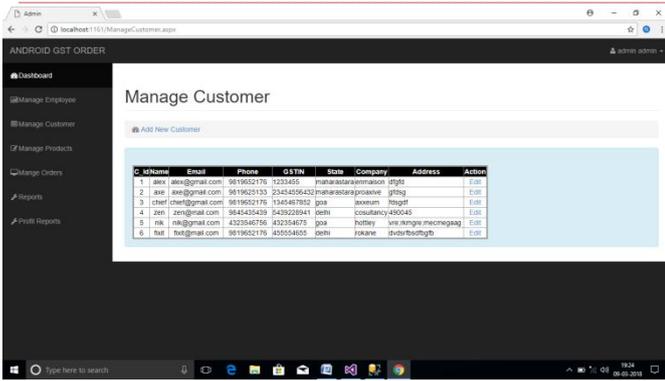
procedure selection sort
 list: array of items
 n: size of list
 for i = 1 to n – 1
 min = i
 for j = i + 1 to n
 if list[j] < list[min]
 then
 min = j;
 endif
 endfor
 if indexMin != i then
 swap list[min] and list[i]
 endif
 endfor
 end procedure

IV. RESULT AND ANALYSIS

It is handle all user GST invoicing/billing needs, whether it is simple invoices/bill or advanced one with multi-Item, multi-tax rates etc. a system that allows customers to log on at their convenience and quickly choose the items they want to order goes a long way for customer service. If they place the same order on a regular basis, they can use a reorder feature which duplicates previous orders. An online order management system with warehouse integration can send the order directly to your third party warehouse. This reduces the probability that an error will be made. It is user friendly software. It will help you to use it with ease. It will easy to use after the installing in the computer. It can quickly detect and correct any error in transaction, from within the return itself and see the real-time effect to make accurate GST return. In addition, customer can manage advance receipts, reverse charges, branch transfer, bill of supply export invoices and other adjustments.

SCREENSHOTS





V. CONCLUSION

GST Computation System is easy and its user friendly. Currently GST tally system is so expensive so it's not affordable for normal retailer to purchase. GST computation system price is very low so anyone can purchase this system. Our software will make the invoices task easy and handles all user GST invoicing/billing needs. It will design in such a way that anyone irrespective of the field customer will can understand quickly.

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