**E-Billing and Invoice system**

**Abstract:**

E-billing and Invoice System is a Web Application which makes the business work easy. The E-Billing and Invoice system is an excellent way to record details of the Customer in an easy and efficient manner. This system replaces the current system where customer details and product details are written manually with a pen and is given to the customer in the form of a Receipt. With the help of E-Billing System, the customer details are recorded in a Computer and the Computer generates an Invoice which contains the Products which Customer has bought and the Invoice includes everything like when the purchase is made, what products are bought, Billed amount etc. This e-Billing system is easy to use and doesn’t require huge amount of money to Maintain

**Existing System:**

The client uses a Receipt Book to record details of the customer and takes the details of the items bought and Fills it manually using a pen. This is an old Technique and isn’t preferable these days. Moreover the records cannot be saved for future and if owner needs to search for Previous Records it takes much time to search for all records and Increases burden. Hence to solve all these problems, the e-Billing and Invoice System is Preferable to use.

**Disadvantages:**

Existing system takes more time for managing customer and business people work like keeping record of customer, providing bill to customer etc, This all done manually so it not secure and not efficient way of managing large business and customer. Data can be lost.

**Proposed System:**

The e-Billing and Invoice System is easy to use and Maintain. Client enters all the details of the customer in the Software and an Invoice is generated containing all the Details of the Purchase. The records can be saved for future and previous records can be easily viewed using this System. All the records are stored in a Database. This System records all the details like Date & Time of Purchase, Total Amount Paid, and Warranty for the Product, Items Purchased etc. Hence this system is an excellent way to record Customer Details.

**Advantages:**

* Provides efficient way of managing business.
* Saves the time of customer as well as business employee also.
* More customer services can be provided compare to existing.

**Modules:**

**1. Manager.**

**2. SalesStaff.**

**3. Accountant.**

**1. Manager:**

 Manager can add the staff (sales staff and accountant), Manager can view the staff details and manager can view the top buyers after login process.

**2. Sales Staff:**

 Sales staff is authorized to sell product. Sale staff can view the available product.

For validation purpose, whether sales staff is valid or not, he/she should login.

**3. Accountant:**

 Accountant can do following after login:

Add the product,

Update the available quantity,

View sales details

View top buyers.

**Tools and Technologies:**

**Software Requirements:**

Operating System : Windows XP/7/8

Language : Java, HTML

Technology : JDBC, Servlet, JSP

Scripting Language : Java Script

Web Server : Apache Tomcat6 / 7

Database : MYSQL 6.0

**Hardware Requirements:**

 Processor : Pentium

 RAM : 1GB

 Hard Disk : 20 GB

 Key Board : Standard Windows Keyboard

 Mouse : Two or Three Button Mouse

 Monitor : SVGA