**Online Mobile Billing System**

**Abstract:**

**Online Mobile Billing**, also referred to as mobile money transfer or mobile wallet generally called to be a payment services which operate under financial regulation and performed from a mobile device. Instead of paying with cash, check, or credit cards, a consumer can use a mobile phone to pay for a wide range of services and digital or hard goods. Although the concept of using non-coin-based currency systems has a long history it is only recently that the technology to support such systems has become widely available. This application stores all the information in the database which can be retrieved whenever needed and all the validations are performed during the entry of the data by the user thus ensuring that the user can not enter any wrong data which could cause problem later.

**Existing System:**

In existing system manual methods like maintained data in registers are used. In this method it is not easy to manage data efficiently and time taken for providing service for users is time taking process. Retrieving old data is not possible and there are chances of losing data.

**Proposed System:**

In present system data is managed in centralized database which is easy to retrieve customer’s information. Customers are provided with fast service with detailed information on billing report like call costs for each and every call.

* Add and maintain records of available products.
* Add and maintain customer details. Add and maintain description of new products.
* Add and maintain new entered category of products.
* Provides economic/financial reports to the owner monthly or weekly and yearly.
* Provides a convenient solution of billing pattern. Make an easy to use environment for users and customers.

**MODULE DESCRIPTION:**

# Number of Modules:

After careful analysis the system has been identified to have the following modules:

1. **Administrative Module**
2. **User Module**
3. **Product Search**
4. **Mobile Payment**

**1. ADMINISTRATIVE MODULE:**

Admin adds the new product and accessories and stores in the database which can be retrieved and used whenever needed and all the validation are performed during the entry of the data. Thus it ensures that the user cannot enter any wrong data which would cause problem later.

Initially customer has to register to the website to access most of the features of the application. The customer has to enter the details like username, password…etc. After registration customer will be able to purchase products and the purchased product can be added to the cart. Later customer has to enter his credit card details to buy the products. The confirmation of debit card numbers will be handled by the Pay pal website.

**2. User MODULE:**

This application advertises some of the products for shopping. To buy products, customer has to create an account. Those who does not have an account, they can only view the available product. They can’t buy it. Once the customer has created account, not only he can view the products, he can also add the product to the cart and also he can place an order to buy those products. This application then generates bill for that particular customer. After the confirmation, the customer has to enter his credit card details to buy those products.

**3. Product Search:**

The customer can search product according to the branch located nearer. Then after login to their account they can choose the product which needed and add the product quantity. After adding product quantity then add to cart and give details about card inorder to receive the product safely and the amount will be debited from your account immediately in secure process.

**4. MOBILE Payment:**

Shopping online and paying with credit cards is a perfectly safe activity today, you just have to be a little bit careful. The websites included on this page are all known and reputable. A large number of online payments are processed through one of the payment systems.

 *Security* - Two-factor authentication and a risk management engine prevents fraud.

 *Convenience* - No pre-registration and no new mobile software is required.

 *Easy* - It's just another option during the checkout process.

 *Fast* - Most transactions are completed in less than 10 seconds.

**Software Requirements**:

 Operating System : Windows

 Technology : Java and J2EE

 Web Technologies : Html, JavaScript, CSS

 Web Server : Tomcat

 Database : My SQL

 Java Version : J2SDK1.5

**Hardware Requirements**:

 Hardware - Pentium

 Speed - 1.1 GHz

 RAM - 1GB

 Hard Disk - 20 GB

 Floppy Drive - 1.44 MB

 Key Board - Standard Windows Keyboard

 Mouse - Two or Three Button Mouse

 Monitor - SVGA