

Proposal of project

Shopping Mall Billing System Project- This project " Shopping Mall Billing System Project " using MySQL and Python. The database of this project is stored in MySQL tables and its front-end is developed in Python CLI ie for all operations you have to type the necessary options.

Whole Database is divided and stored in four main tables, they are **login**, **Items**, **Bills**, and **Transaction**. Detailed description and sample records are as follows:

```
Table 1> login; Field Type Null Key Default
id int(11) NO PRI NULL
name char(30) YES NULL
pwd char(30) YES NULL
```

```
Table 2> items; Field Type Null Key Default
id int(11) NO PRI NULL
item_name char(30) YES NULL
price float(8,2) YES NULL
```

```
Table 3> bills; Field Type Null Key Default
bill_id int(11) NO PRI NULL
name char(30) YES NULL
phone char(15) YES NULL
bill_date date YES NULL
```

```
Table 4> transaction; Field Type Null Key Default id int(11) NO PRI NULL item_id int(11) YES NULL qty int(11) YES
NULL bill_id int(11) YES NULL
```

The bill consists name, email id and phone number of the Shopping Mall. Later, in the bill the date is generated at the time of purchase, the name, the phone number of the customer and bill no is created. However, the bill has the list of items, the quantities, price and amount purchased by the customer. Finally on the end it displays the total payable amount of the items purchased by the customer. Further if we need to purchase some more items after the bill generation, we can still press any key to continue/go-ahead.

Final Output:

```
===== Green Valley Supermarket =====
                        Retail Invoice
                Phone: 9871816901, Email: rakesh@binarynote.com
Bill No :599           Date :2022-12-06
-----
Customer Name :prince      Phone No :46565653
-----
Item Id   Item Name      Price      Qty      Amount
-----
4401      Soap           12.00      14      168.00
-----
Total Payable amount : 168.0
                                THANK YOU FOR VISITING
Press any key to continue.....
```