

RNS INSTITUTE OF TECHNOLOGY



**DEPARTMENT OF INFORMATION SCIENCE AND
TECHNOLOGY**

TOPIC:-

WHOLESALE MANAGEMENT SYSTEM

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ABSTRACT

Wholesale management system is developed aim to improve the efficiency and performance of daily business activity of the wholesaler. The wholesaler did not have any computerized system for now. All the business activity are recorded and documented. A lot of time is consumed during the -process of the business activity. This project will develop a computerized system for helping the wholesaler in processing the daily business activity. Methodology used for developing this project is System Development Life Cycle (SDLC). This project will be focus on sales record management, purchase record management, stock management, customer information management, manufacturer management, staff information management, payment management, stock management, payment and report management.

AGENDA

▶ INTRODUCTION

▶ IMPLEMENTATION

▶ SCHEMA DIAGRAM

▶ ER DIAGRAM

▶ LOGIN FORM

▶ RESULT SNAPSHOTS AND QUERIES

▶ CONCLUSION AND FUTURE ENHANCEMENTS

▶ THANK YOU

INTRODUCTION

Wholesale management system is the process of buying the stock from buyers and the selling to the customers. It acts as the intermediate between the buyers and the sellers. The manager has to buy the stock from the buyers. Managing the details that is regarding the wholesale is not possible to be kept in track through pen and paper mode. It requires the database system where we can store the information of the people involved in the wholesale system management. It can be stored clearly in the database with more precision and can avoid the redundant data.

IMPLEMENTATION

Software requirement

- Front End Tools: HTML, JavaScript, CSS, PHP
- Back End Tools: phpmyadmin
- MySQL database
- Xampp server

Hardware requirement

- CPU: Pentium processor
- RAM: 8GB
- HDD: 1TB

SCHEMA DIAGRAM

Category

<u>category_id</u>	category_name
--------------------	---------------

Customer_information

<u>customerid</u>	name	address	phone	password
-------------------	------	---------	-------	----------

Depleted_products

<u>product_id</u>	quantity
-------------------	----------

Payment

<u>transaction_id</u>	amount_paid	mode	transaction_date
-----------------------	-------------	------	------------------

product

<u>product_id</u>	pname	category_id	supplier_id	q_in_stock	unit_price	reorder_level
-------------------	-------	-------------	-------------	------------	------------	---------------

Price_list

<u>product_id</u>	usp
-------------------	-----

Supplier_info

<u>supplier_id</u>	sname	address	phone
--------------------	-------	---------	-------

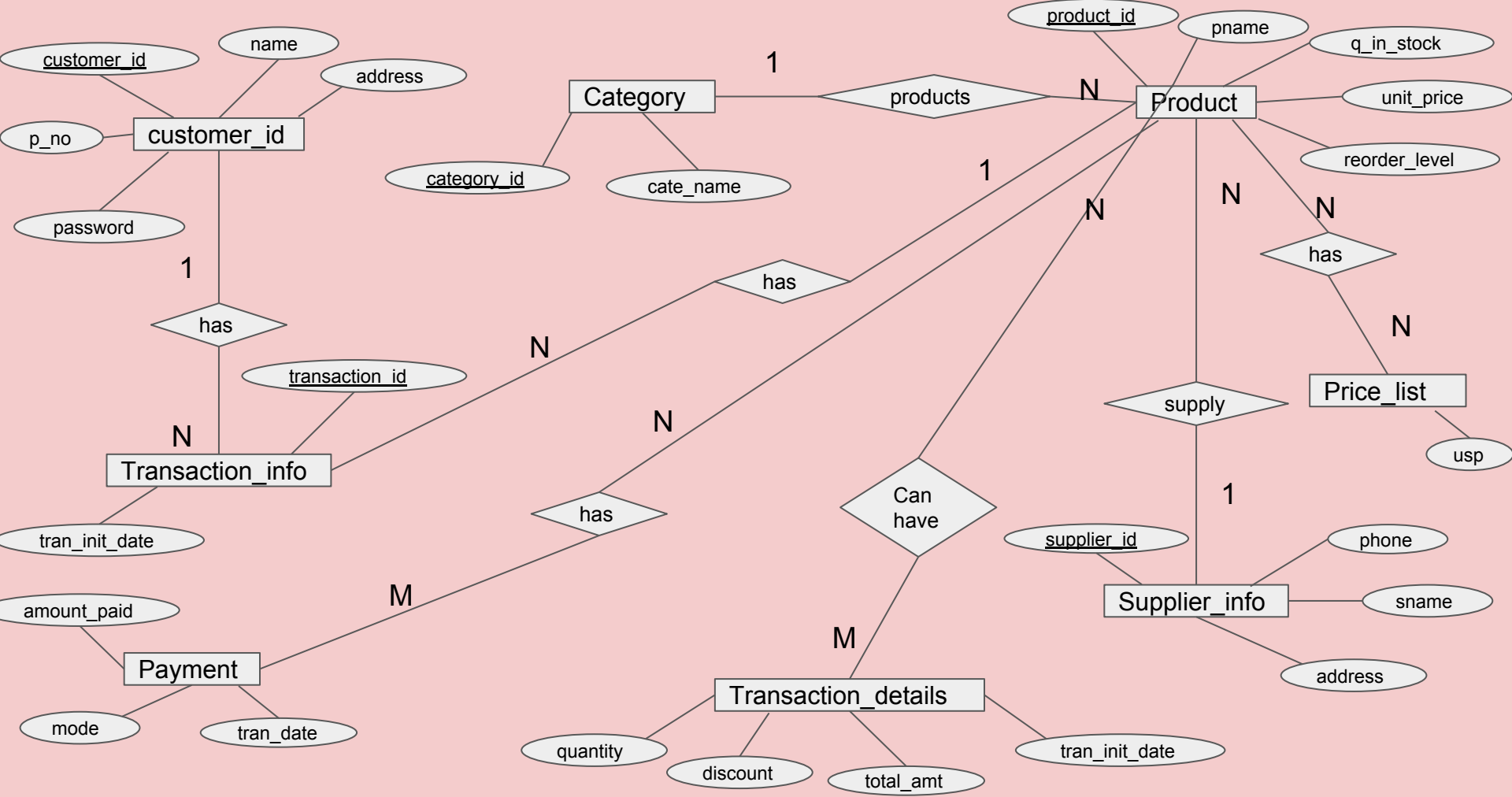
Transaction_info

<u>transaction_id</u>	customerid	trans_init_date
-----------------------	------------	-----------------

Transaction_details


<u>transaction_id</u>	<u>product_id</u>	quantity	discount	total_amount	trans_init_date
-----------------------	-------------------	----------	----------	--------------	-----------------






ER Diagram

LOGIN FORM





LOG IN


```
1 <?php
2     session_start();
3     //$_SESSION["pass"] = "True";
4 >?>
5 <!DOCTYPE html>
6 <html>
7 <head>
8     <meta charset="UTF-8">
9     <title>Login Page Wholesale</title>
10
11     <link rel="stylesheet" href="css/style.css">
12
13 </head>
14
15 <body>
16     <body class="align">
17
18     <div class="site__container">
19
20         <div class="grid__container">
21
22             <form action="Login.php" method="post" class="form form--login">
23
24                 <div class="form_field">
25                     <label class="fontawesome-user" for="login_username"><span class="hidden">Username</span></label>
26                     <input id="login_username" name="userid" type="text" class="form_input" placeholder="Username" required>
27                 </div>
28
29                 <div class="form_field">
30                     <label class="fontawesome-lock" for="login_password"><span class="hidden">Password</span></label>
31                     <input id="login_password" name="pass" type="password" class="form_input" placeholder="Password" required>
32                 </div>
33
34                 <div class="form_field">
35                     <input type="submit" name="Login" value="Log In">
36                 </div>
```

```
35     <input type="submit" name="Login" value="Log In">
36   </div>
37
38   </form>
39
40
41
42
43 </div>
44
45 </div>
46
47 </body>
48
49
50 </body>
51 </html>
52
```

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> category	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> customer_information	★ Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> depleted_product	★ Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> payment	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> price_list	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> product	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	48 KiB	-
<input type="checkbox"/> supplier_information	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> transaction_detail	★ Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	32 KiB	-
<input type="checkbox"/> transaction_information	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	32 KiB	-
9 tables	Sum	39	InnoDB	latin1_swedish_ci	208 KiB	0 B



☐ Check all

With selected:



Print



Data dictionary

Create table

Name:

Number of columns:

4

Go

WholeSaler

The Complete Info

Home

New Transaction

All Transactions

All Stocks

Depleted Stocks

Add category

Add or Update Stocks

Add or Update Supplier

Orders

Logout

WholeSalerlogin contain 1.Add Customer 2.Add Transaction 3.Depleted Stocks 4.Defaulters Table 5. Updating the stocks 6.Adding about the buyer

NEW CUSTOMER

Name:

Customer-ID:

Phone-No:

Password:

Address:

ADD CUSTOMER

```
1 <?php
2 //CONNECTING TO THE DATABASE
3 $conn = mysqli_connect("localhost","root","","WholeSale_Management");
4 echo "Connected to the database of the host...."<br>;
5 //IF the connection doesnot connect then error message is being showed...
6 if (!$conn)
7 {
8     die("Connection is failed: ".mysqli_connect_error());
9 }
10 //mysqli = new mysqli("localhost","root","","WholeSale_Managment");
11 //Taking the values from the page Add Customer...
12 $Cname = $_POST['Cname'];
13 $customerID = $_POST['CustomerID'];
14 $Phone = $_POST['Phone'];
15 $password = $_POST['Password'];
16 $Address = $_POST['Address'];
17
18 echo $Cname.<br>;
19 echo $customerID.<br>;
20 echo $Phone.<br>;
21 echo $password.<br>;
22 echo $Address.<br>;
23
24
25 //ALL THESE VALUES NEED TO BE INSERTED INTO THE DATABASE
26 //THE ABOVE QUESTION MARKS MEAN PREPARED STATEMENTS...
27 $sql = "INSERT INTO Customer_information(CustomerID,Name,Address,Phone,Password)
28     VALUES('$customerID','$Cname','$Address','$Phone','$password')";
29
30 //Running the sql Query
31 $result = mysqli_query($conn,$sql) or die("Error: $sql. ".mysql_error($conn));
32 /*
33
34 //mysqli->bind_result($abc,$asd);
35 header("Location:WholeSaler-Login.php");
36 ?>
```

From Date:

To Date:

SHOW TRANSACTIONS

Transactions

The Total Amount The whole saler got from 2014-09-04 to 2018-11-07 is 14500

Transaction_ID	Product_ID	Total_Amount	Transaction_Date
22	1	1400	2016-11-17
22	2	3000	2016-11-17
25	3	1100	2016-11-17
25	4	3000	2016-11-17
27	1	1400	2016-11-15
27	2	2000	2016-11-15
27	3	1100	2016-11-15
28	4	1500	2016-11-16


```

97
98     $result = mysqli_query($conn,$sql) or die ("Error in query: $sql. ".mysql_error($conn));
99
100     $row = mysqli_fetch_assoc($result);
101     do { ?>
102
103
104     <tr>
105         <td><?php echo $row['TransactionID']; ?></td>
106         <td><?php echo $row['ProductID']; ?></td>
107         <td><?php echo $row['Total_Amount']; ?></td>
108         <td><?php echo $row['Trans_Init_Date']; ?></td>
109     </tr>
110
111     <?php } while($row = mysqli_fetch_assoc($result)) ?>
112
113 <?php
114     $conn = mysqli_connect("localhost","root","","WholeSale_Management");
115     $sql = "SELECT SUM(Total_Amount) FROM transaction_detail
116     WHERE Trans_Init_Date>='$fdate' AND Trans_Init_Date<='$tdate' ";
117
118     $result1 = mysqli_query($conn,$sql) or die ("Error in query: $sql. ".mysql_error($conn));
119     $row = mysqli_fetch_assoc($result1);
120
121     ?>
122     <p>The Total Amount The whole saler got from <?php echo $fdate ?> to <?php echo $tdate ?> is <?php echo $row['SUM(Total_Amount)'] ?> </p>
123 <?php } ?>
124
125
126
127
128 </table>
129 </fieldset>
130 <p>&nbsp;</p>
131

```

WholeSaler

The Complete Info

Home

New Transaction

All Transactions

All Stocks

Depleted Stocks

Add category

Add or Update Stocks

Add or Update Supplier

Orders

Logout

Customer Login contain 1.All his transactions with the WholeSaler 2.Payment Details 3.Customer detail NEED TO ADD THE LOGOUT Button

Catagories of products

CategoryID	CategoryName
1	Washing Powder
2	Cosmetics
3	Stationary
4	Garments

Select Category

CategoryID:

SHOW PRODUCTS


```
wholesale_management_new.sql x LoginPage.htm x Addcustomer.php x AllTransactions.php x Bills.php x Add_Transaction.php x AddTransaction.php x AllStocks.php x
67 <?php
68 $conn = mysqli_connect("localhost","root","","WholeSale_Management");
69 $sql = "SELECT * FROM category";
70 $result = mysqli_query($conn,$sql);
71
72 $row = mysqli_fetch_assoc($result);
73 do { ??
74
75
76 <tr>
77
78 <?php } while($row = mysqli_fetch_assoc($result)) ??
79 <tr>
80
81 </fieldset>
82
83 <fieldset>
84 <legend><h3>Select Category</h3></legend>
85 <form action="AllStocks.php" method="POST">
86
87 </fieldset>
88
89 <?php if(isset($_POST['name'])) {
90 $categoryID = $_POST['CategoryID'];
91 ??
92 <fieldset>
93 <legend><h3>Products Under CategoryID <?php echo $categoryID ?></h3></legend>
94 <table>
95 <tr>
96
97 <?php
98 $conn1 = mysqli_connect("localhost","root","","WholeSale_Management");
99 $sql1 = "SELECT CategoryID,Name,product.ProductID AS product,SupplierID,Quantity_in_stock,UnitPrice,USP,ReorderLevel
100 FROM product,price_list
101 WHERE price_list.ProductID = product.ProductID
102 AND CategoryID = '$categoryID'";
103 $result = mysqli_query($conn1,$sql1);
104
```

WholeSalerlogin contain 1.Add Customer 2.Add Transaction 3.Depleted Stocks 4.Defaulters Table 5. Updating the stocks 6.Adding about the buyer

Bills for the transaction

TransactionID:

SHOW

Bill for TransactionID:22

TransactionID	CustomerName	ProductName	Quantity	ProductAmt	TotalAmt
22	Swargam Avinash	Nirma	20	1400	4400
22	Swargam Avinash	Surf	30	3000	4400

```
footer.php x Login.php x LoginPage.php x wholesale_management_new.sql x LoginPage.htm x Addcustomer.php x AllTransactions.php x Bills.php x
81 <fieldset>
82 <legend><strong><h3>Bill for TransactionID:<?php echo $TransID ?? </h3></strong></legend>
83 <table>
84 <tr>
85 <th>TransactionID</th>
86 <th>CustomerName</th>
87 <th>ProductName</th>
88 <th>Quantity</th>
89 <th>ProductAmt</th>
90 <th>TotalAmt</th>
91 </tr>
92 <?php
93 $conn = mysqli_connect("localhost","root","","WholeSale_Management");
94 $sql = "SELECT transaction_information.TransactionID AS t1 ,customer_information.Name AS t2 ,product.Pname AS t3,transaction_detail.Quanti
95 FROM transaction_detail,payment,transaction_information,customer_information,product
96 WHERE transaction_detail.TransactionID = transaction_information.TransactionID
97 AND transaction_detail.TransactionID = payment.TransactionID
98 AND customer_information.CustomerID = transaction_information.CustomerID
99 AND product.ProductID = transaction_detail.ProductID
100 AND transaction_detail.TransactionID = '$TransID' ";
101 $result = mysqli_query($conn,$sql);
102
103
104
105
106 $row = mysqli_fetch_assoc($result);
107 do { ??
108
109
110 <tr>
111 <td><?php echo $row['t1']; ??</td>
112 <td><?php echo $row['t2']; ??</td>
113 <td><?php echo $row['t3']; ??</td>
114 <td><?php echo $row['t4']; ??</td>
115 <td><?php echo $row['t5']; ??</td>
```

CONCLUSION AND FUTURE ENHANCEMENTS

Wholesale Management System concluded as below

CONCLUSION

- ◆ The system was mainly designed to reduce the manual work of updating and tracking and also make it easier for the user .
- ◆ It also provide flexible and powerful reports regarding customer details,transaction Details andstock details .

FUTURE ENHANCEMENTS

This project can be easily implemented under various situations. Can add new features when it requires.We can also include online payment services to this project using some payment applications like Paytm, BHIM,Phonepay etc .

REFERENCES

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[3] Wikipedia



THANK YOU