



East West University

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PROJECT PROPOSAL

Wholesale management system

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Project Title: Wholesale Management System

Introduction:

Wholesale management is a very important part for any wholesale shop. If we can create a project that can help to manage all the process for wholesale, It would be very helpful for the seller and buyer to. So, for the wholesale manage we provide to you the project proposal of a Wholesale Management system. Wholesale management system is a type of system where we can maintain the details of the products like their id, category, name, and stock status. We can also maintain the details of the customers like their name, email address, customer id, contact number, and so on. We have the order id to see the orders and have the payment id to see which orders have their payment. We can see the list of the customers who have done the payment. We can also generate monthly sales as well.

Objective:

We wanted to create an efficient model with data redundancy prevention. It means there will be no data redundancy in our management system. The management system is cost-effective and can be easily accessed and maintained. Furthermore, we have also kept in mind the functional dependencies while designing the database. We can update or modify the system as well. We can use the wholesale management system to maintain the entire buying and selling procedures and keep all its records.

Advantages:

- *It will help to manage the full process.
- *It can keep all the data safe and properly.
- *System will be user friendly.
- *It will be a cost saving system.
- *Maintenance of this system will be very easy and well organized.

Description:

The List of Modules that the Wholesale Management System should have:

Product:

'Product' keeps the information about the

1. Product id
2. Product name
3. Category
4. Product description.
5. Unit price (price of buying products)
6. List price (price of selling products)
7. The stock status
8. Quantity

"If the quantity is less than 4 then it will be called out of stock"

Customer:

'Customer' keeps the information about the

1. customer id
2. name
3. address
4. date of birth
5. gender
6. It also has customer's email address and contact number (which are multivalued. It means a customer can have more than one email id or contact number).
7. It also has a derived attribute named age which will derived from the birth date of the customer

Orders:

'Orders' keeps the information about the

1. Order id
2. Order Date payment status (records the date of the orders)
3. Quantity (stores the quantity of a product that has been ordered)
4. Payment status (shows whether the order is paid or not)
5. Payable (shows the amount of the total price of the order. It will be derived from the multiplication of quantity and list price from the product)
- 6.

Delivery:

'Delivery' keeps the information about the

1. Delivery id
2. Delivery man (the person who will deliver the order)
3. Delivery time
4. Delivery status (delivery status will show whether the order has been delivered or not)

Payment:

'Payment' keeps the information about the

1. payment id
2. amount
3. payment date
4. customer name (who has done the payment)
5. transaction id (which gives the confirmation about the payment)

Sales report:

'Sales report' keeps the information about the

1. monthly sales (It keeps the record of the total sales of each month and sale amount)
2. It also contains Net sales (Net sales keeps the record of total sales from the beginning till now)

There can be more tables which will be added later while doing the project.

Operating Environment:

Our wholesale management system will be a web based application. Anyone can use this application by any internet browser especially on PC or laptop. We will develop this project on Windows 10 operating system.

Technology & Tools:

- PHP
- SQL
- MySQL workbench
- HTML
- CSS
- JavaScript

MySQL Workbench is a Database Management Software. We will use this software to manage the database and to insert data. SQL will be used to execute Database Queries. As it will be a web based application we will use PHP. Again for user interface we will use html, CSS, JavaScript and so on.

Sample Queries:

- Find full details of customers
- Find the order date of a specific product.
- List in alphabetic order the names of all product.
- Find the name and ID of all product whose price is between 1000tk to 9000tk
- Find the total number of customers who have purchased in January, 2022
- Find the most selling product
- Check the Stock Status
- Find name and ID of all customers whose Phone/email number is NULL
- Finding the customers who have payment due
- Find the average net sales of every month

Overall writing:

The project entitled as the Wholesale Management System is the system that deals with the issues related to a particular store. The system is all-in-one capability to handle wholesales order, fulfill sales and execute every order with accuracy. Thus able to forecast and fulfill wholesale orders with absolute ease. Here the main target is to satisfy the expectations of the customers and is to easily handle the sales and record a sales report including all the necessary information for the future want and determine the profit loss easily. In future, we can modify and update our system according to the customer's and owner's demand.