CSC2233-Internet Programming and Web Technologies

Revision2

1. Suppose you have been assigned to make a system called **Pharmacy Inventory Management System** The goal of **Pharmacy Management System** is to reduce costs and improve operations efficiency. Use HTML, PHP and MySQLi to implement functionalities as a part of the system

    a. Write a PHP script named ***conn.php*** to connect to MySQL Database server running in your local machine. It is also required to display appropriate messages, either connection is successful or unsuccessful

    b. This proposed system will have a database named **'PIMS'** with two tables named as **'users'** and '**stocks'** respectively. Write a PHP script called ***createdb.php*** to Create a database called 'PIMS'

    c. Inside the database create following tables by using a php script called ***createtb.php***
    Field names for the tables are given in parenthesis
    users (Uid, Uname, Pwd, Role)
    stocks (Icode, Gname,Type,Mdate,Price,Quantity)
    Note: You have to define columns with appropriate data types according to the data given in Table 1.

    d. Insert data to given in table 1 to relevant tables. You can use php script or phpmyadmin GUI.

    Table Name: user
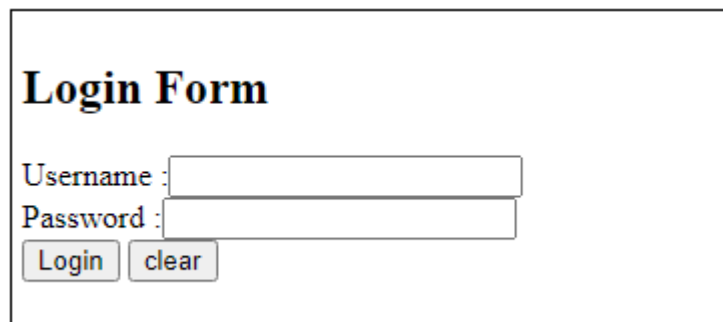   Requirement   : Uid is a primary key

Uid	Uname	Pwd	Role
A1	Admin	A1pwd	admin
B1	Nilmi	B1pwd	buyer

    Table Name: stocks

Icode	Gname	Type	Mdate	Price	Quantity
1111	Panadol	syrup	2024-01-01	75	25
1112	Vermox	tablet	2023-02-12	252	45
1113	Benadryl	syrup	2020-05-20	175	50
1114	Digene	tablet	2024-05-02	55	150

e. Create a login form using HTML and PHP as shown in **Figure 1.** Authenticate users and use proper error messages and display the form again if validation is incorrect. **(login.php)**
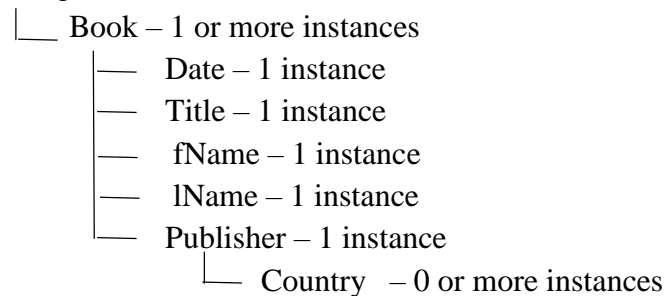

f. **If the authenticated user role is buyer** (after submitting the login details) , display buyer name(Uname), function to sign out from the system and allow to see the available products as shown in **Figure 2** (**view.php**). **You should calculate Expired date by adding 30 months to** *Manufactured Date* **of each drug**.

2.

a. You have given an XML file which describe the books' details. include Document Type Declaration (DTD) containing the given elements and features Save the file as ***bookList.xml***.

Note:

Catalog – 1 instance
   └── Book – 1 or more instances
        ├── Date – 1 instance
        ├── Title – 1 instance
        ├── fName – 1 instance
        ├── lName – 1 instance
        └── Publisher – 1 instance
                └── Country – 0 or more instances

```
<Catalog>
    <book>
        <date>1995</date>
        <title> Introduction to Computer Graphics </title>
        <fname>James</fname>
        <lname>Foley</lname>
        <publisher>
            <country>India</country>
            <country>USA</country>
        </publisher>
    </book>
</Catalog>
```

b. Copy the jQuery library saved in your computer into your working folder to answer the following question.

- Create a simple web page with a <p> element containing text 'Welcome'.
- Save your web page as ***q2b.html***.
- Using jQuery event methods, write a script to implement the following in your HTML file.

Mouse Event on <p> element	Action

Mouse Enter	<p> element's background color should turn blue Text should change to 'Hello!'
Mouse Leave	Text should change to 'Bye!' <p> element should fade out