

**BICT- Level 1 – Semester II**  
**Server – Side Web Development – ICT1233**  
**Assignment Tutorial 02**

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**Objective :** Understand form handling with database

Create web pages to perform the following tasks

1. Write the PHP script to create the database BICT. In BICT database, create following tables

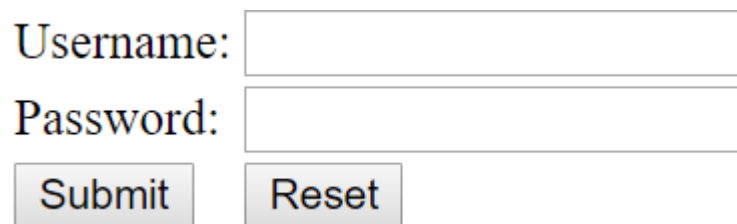
User (userId,username,password,email,role)  
    userId: auto incrementing primary key  
Subject(subjectCode,subjectName,credits)  
Student(studentId,studentName,age,subjects)

Insert the following record into User table

userId:1  
username: admin  
password: md5 hash string of “admin123”  
email :admin@gmail.com  
role :administrator

2. Create the following pages with the given file names

a)



Username:

Password:

Figure 1: login.php

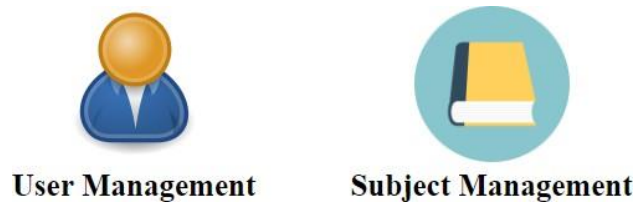
Please enter a valid user name

Username:

Password:

**Figure 2: Error messages**

- i) When the user enters a username which is not in the database, display the error, “Please enter a valid username” (Figure 2)
  - ii) If the password is wrong, display “Password is incorrect”
  - iii) If the role is ‘administrator’ and login information is correct, then direct the user into admin page and allow the administrator to add/delete users and add/delete subjects
- b)



**Figure 3:admin\_page.php**

- i) admin\_page.php should contain two image links (user.png, subject.png) which directs the user into user\_mgt.php page and subject\_mgt.php page.

c)

Name	Email	Role	Delete Records
admin	admin@gmail.com	administrator	<input type="button" value="Remove"/>
Gihan	gihan@gmail.com	student	<input type="button" value="Remove"/>
Aruni	aruni@gmail.com	student	<input type="button" value="Remove"/>

Username:

Password:

Email:

Role:  ▼

Figure 4: User\_mgt.php

- i) Administrator should be able to,
  - a. View the existing user records in the database
  - b. Add records into the user table
  - c. Delete records from the user table

Using the interface as given in figure 4

(Two roles are: Teacher, Student)

- ii) If the user clicks the 'Add' button without filling the username text box, display the error, "Please Enter a Valid User Name"

d)

Subjet Code	Subjet Name	Credits	Remove Record
ICT1143	HTML	3	<input type="button" value="Remove"/>
ICT2153	PHP	3	<input type="button" value="Remove"/>
ICT1223	OOAD	3	<input type="button" value="Remove"/>

Subject Code:

Subject Name:

Credits:

Figure 5: Subject\_mgt.php

- iii) Administrator should be able to,
  - a. View the existing subject records in the database
  - b. Add records into the subject table
  - c. Delete records from the subject table

Using the interface as given in figure 5

- iv) If the user clicks the 'Add' button without filling the any text input box, display the error, "Please fill all the input fields"
- v) If the user enters a subject which is already available in the database display "Subject code is available in the database"