

# EAD LAB 4 (MCSF17)

08 Oct 2018

- 1- Login.php: Create Login screen (Login, Password)
  - a. Validate User from DB (**Code is given below**)
  - b. If user is valid, Redirect him to home.php (Hint: Use **header('location: home.php');** to redirect to home page)
  - c. If user is not valid, show him error on the login.php
  - d. Apply Client Side + Serve Side validations on fields and understand the use of attribute **id** and **name**.
- 2- Home.php: Check if user is valid user (means user is logged in)
  - a. If user is not valid user, redirect him to login.php
  - b. If user is valid, show him "Welcome <UserName>" Where <UserName> is name of the user.
- 3- Signout: On Home.php, provide a link "Signout". When user will click on it, he will be logged out and will be redirected to login page.
- 4- On Login screen, provide a checkbox "Remember me". If this is checked when user logs in, you need to store login & password somewhere for now. For example in a cookie or localStorage. Next time, when user will open the login page, you need to load login & password (if they are available in cookies or in localStorage). Note: Use of cookie or localStorage for password is not a correct practice.  
**Hint:** Use **localStorage.setItem ( key, value );** to store some value in localStorage.  
Use **localStorage.getItem( key );** to get value from local Storage.
- 5- Also provide a link "New User? Signup". Signup link will move user to "signup.php".
- 6- Signup.php: Through this page, user can sign up to the application. Take following fields from user (Apply client + server side validations). Also make sure login doesn't exist already.
  - a. Login
  - b. Password
  - c. Confirm Password

## To check if checkbox is checked

```
var chkBox = document.getElementById("checkBoxId").checked;
```

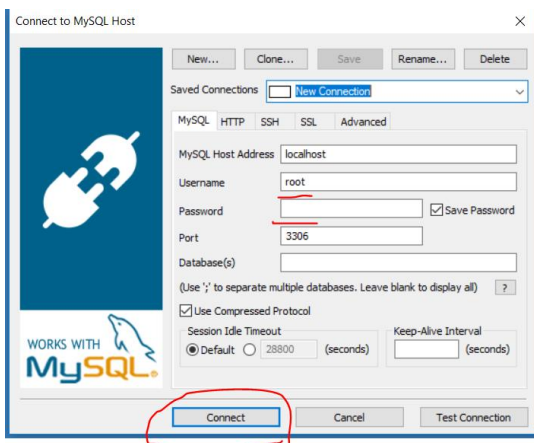
chkBox will contain true when box is checked.

## Database creation

1. Open xamp and start **MySql**



2. Open **sqlYog**
3. Click on **file -> New connection** and click to connect.



4. Create database **lab3**.
5. Create table **user( usrName(varchar(30)) , usrPassword(varchar(15)))**.
6. Add one record in table. (Open user table by right click on it and selecting **open table**. And insert record in table).

## Database Connection

Step – 1: **Set Attributes**

```
$servername = "localhost";  
$username = "root";  
$password = "";  
$dbname = "lab3";
```

Step – 2 **Connection creation**

```
$conn = mysqli_connect($servername, $username, $password,$dbname);
```

Step – 3 **To Check connection**

```
if (!$conn) {  
    die("Connection failed: " . mysqli_connect_error());  
}
```

## Data Reading from database

Step-1: **Write SQL query**

```
$sql = "SELECT * FROM user";
```

Step-2: **Execute SQL Query**

```
$result = mysqli_query($conn, $sql);
```

Step-3: **Get count of result** (In our case only one record will be returned for valid user. )

```
$recordsFound = mysqli_num_rows($result);  
if ($recordsFound > 0) {  
    $Name = $row["usrName"];  
    $Password = $row["usrPassword"];  
}
```

```
While( $row=mysqli_fetch_assoc($result) )
```

```
{
```

```
    $Name = $row["usrName"];
```

```
    $Password = $row["usrPassword"];
```

```
    If( condition) // If User username already exists ask user to enter other name
```

```
    {
```

```
        
```

```
    }
```

```
}
```