

IP Experiment – 1

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TE - IT : 46

Aim:

1) Design a Login (Username, password) and Sign Up (Name, Mobile, Email, Address) web pages using HTML5 & CSS3.

Validations:

- i. Encrypt the password using JavaScript. Username must be greater than 3 character.
 - ii. Mobile must be a number.
 - iii. Email must be in correct format.
-

Algorithm:

- Using MySQL to store details into the database with database name exp1 and table name also exp1
 - Using MD5 for encryption and store encrypted password in database instead of text password.
 - Then encrypt again while checking login details and if matches with encrypted password in database then the login is successful.
 - Using minlength="3" to set minimum username and password length.
-

< html (index.html) >

```
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
```

```
<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">

<!-- Custom CSS file -->
<link rel="stylesheet" href="styles.css">

<title>Experiment 1</title>

</head>
<script src="http://crypto-js.googlecode.com/svn/tags/3.1.2/build/rollups/md5.js"></script>
<script>
function encrypt()
{
    var pass=document.getElementById('passwordsignup').value;
    document.getElementById("hide").value =
document.getElementById("passwordsignup").value;
    var hash = CryptoJS.MD5(pass);
    document.getElementById('passwordsignup').value=hash;
    return true;

}
</script>
<body>

<header>
    <h1 class="center-text">Internet Programming Experiment 1</h1>

</header>

<div class="flex-container">
    <div class="flex-item-signin">
        <h3>Signin</h3>
        <form action="signin.php" method="POST">
            <div>
                <label for="name">Name</label>
                <input type="text" id="name" name="name" placeholder="Name" required>
            </div>
            <div>
                <label for="mobile">Mobile</label>
```

```

        <input type="number" id="mobile" name="mobile" placeholder="Cell number"
required>
    </div>
    <div>
        <label for="email">Email id</label>
        <input type="email" id="email" name="email" placeholder="Email id" required>
    </div>
    <div>
        <label for="address">Address</label>
        <input type="text" id="address" name="address" placeholder="Residential address"
required>
    </div>
    <div>
        <label for="username">Username</label>
        <input type="text" id="username_s" name="username" minlength="3"
placeholder="Username" required>
    </div>
    <div>
        <label for="password">Password</label>
        <input type="password" id="password_s" name="password" minlength="3"
placeholder="Password" required>
    </div>
    <div>
        <button type="submit" id="signin" class="signin" onclick="return
encrypt();">Signin</button>
        <button type="reset" id="reset_signin" class="reset">Reset</button>
    </div>
</form>
</div>
<div class="flex-item-login">
    <h3>Login</h3>
    <form action="login.php" method="POST">
        <div>
            <label for="username">Username</label>
            <input type="text" id="username_1" name="username" placeholder="Username"
required>
        </div>
        <div>
            <label for="password">Password</label>
            <input type="password" id="password_1" name="password" placeholder="Password"
required>
        </div>
    </form>

```

```

        <div>
            <button type="submit" id="login" class="login" onclick="return
encrypt();">Login</button>
            <button type="reset" id="reset_login" class="reset">Reset</button>
            <!-- <button type="button" id="forgot" class="reset"
onclick="forgot_details();">Forgot ?</button> -->
        </div>
        <div id="login_status">

        </div>
    </form>
</div>
</body>
</html>

```

< CSS (styles.css) >

```

.flex-container {
    margin-top: 2%;
    display: flex;
    flex-wrap: wrap;
    text-align: center;
}

.flex-item-signin, .flex-item-login {
    margin: 1%;
    flex: 48%;
    border-radius: 4px;
    border: 1px solid rgba(131, 131, 131, 0.5);
    padding: 4px;
}

@media (max-width: 800px) {
    .flex-item-signin, .flex-item-login {
        flex: 100%;
    }
}

input{
    width: 70%;
}

```

```
padding: 6px 12px;
margin: 8px 20px;
box-sizing: border-box;
border: 3px solid #ccc;
-webkit-transition: 0.5s;
transition: 0.5s;
outline: none;
}
label{
    width: 15%;
    font-weight: bold;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
}
input:focus {
    border: 3px solid #555;
}
input[type=number]::-webkit-inner-spin-button,
input[type=number]::-webkit-outer-spin-button {
    -webkit-appearance: none;
    -moz-appearance: none;
    appearance: none;
    margin: 0;
}
header{
    text-align: center;
    padding: 10px;
    background-color: rgb(40, 40, 40);
    color: white;
}
footer{
    text-align: center;
    padding-top: 0 !important;
    background-color: rgb(40, 40, 40);
    color: white;
    left: 0;
    bottom: 0;
    position: fixed;
    width: 100%;
    font-size: smaller;
}

.signin, .login{
```

```
padding: 5px;
margin: 10px;
width: 15%;
background-color: rgba(59, 192, 93, 0.5);
border-radius: 4px;
border-color: rgba(59, 192, 93, 0.5);
font-weight: 500;
}
.signin:hover{
  color: white;
  background-color: rgba(59, 192, 93, 0.8);
  transition-duration: 0.8s;
  transition-delay: 0.1s;
}
.login:hover{
  color: white;
  background-color: rgba(59, 192, 93, 0.8);
  transition-duration: 0.8s;
  transition-delay: 0.1s;
}
.reset{
  padding: 5px;
  margin: 10px;
  width: 15%;
  background-color: rgba(250, 102, 102, 0.4);
  border-radius: 4px;
  border-color: rgba(250, 102, 102, 0.4);
  font-weight: 500;
}
.reset:hover{
  color: white;
  background-color: rgba(250, 102, 102, 0.7);
  transition-duration: 0.8s;
  transition-delay: 0.1s;
}
.question{
  text-align: left;
  font-size: smaller;
}
.info{
  font: small;}
```

< PHP (signin.php) >

```
<?php
// $servername="localhost";
// $username="root";
// $password="";
// $database="php_project";
// $con = mysqli_connect($servername,$username,$password,$database);
$conn = mysqli_connect("localhost","root","","exp1");
if (!$conn)
{
    /*error_log("Failed to connect to MySQL: " . mysqli_error($con));*/
    die('Internal server error');
}
$password = $_POST['password'];
$md5_password = md5($password);
$sql = "INSERT INTO exp1(name, mobile, email, address, username, password)
VALUES
('$_POST[name]', '$_POST[mobile]', '$_POST[email]', '$_POST[address]', '$_POST[username]', '$md5_p
assword ')"';

if($conn->query($sql) === TRUE)
{
    echo '
<script>
    alert("You have successfully signed up");
    window.location.href = "index.html";
</script>';
}
else
{
    echo "Error". $conn->error;
}

mysqli_close($conn); //close connection
?>
```

< PHP (login.php) >

```
<?php
```

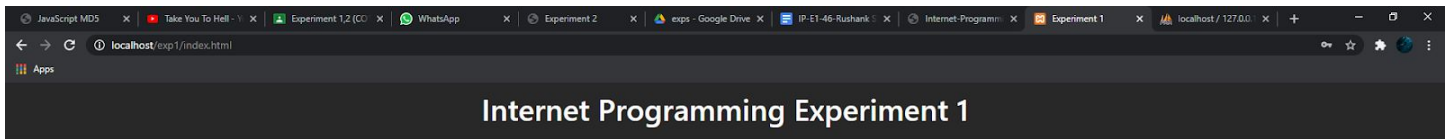
```
// $servername="localhost";
// $username="root";
// $password="";
// $database="php_project";
// $con = mysqli_connect($servername,$username,$password,$database);
$con = mysqli_connect("localhost","root","","exp1");
if(!$con)
{
    die('could not connect'.mysql_error());
}
else{
    $username = $_POST['username'];
    $password = $_POST['password'];
    $md5_Password = md5($password);

    $sql = "SELECT * FROM exp1 WHERE username = '$username' AND password = '$md5_Password'";
    //$result =mysqli_query($con,$sql);
    $result = $con->query($sql);
    $count = mysqli_num_rows($result);
    if ($count>0)
    {
        echo "<script>alert('Login Successful');
        window.location.href = 'index.html';</script>";

        exit();
    }
    else{
        echo "<script>alert('Incorrect Username or Password');
        window.location.href = 'index.html';</script>";

    }
}
mysqli_close($con)
?>
```


< output >

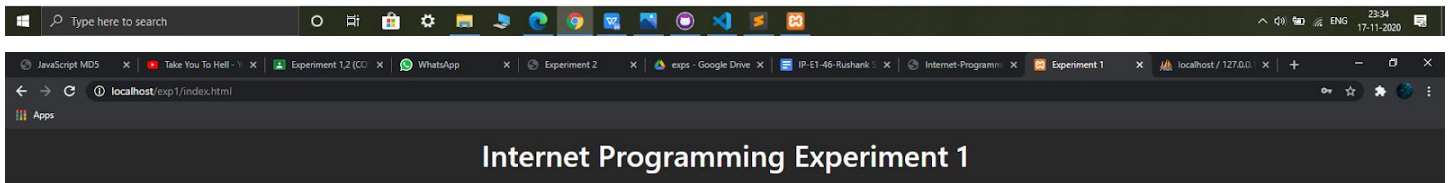


Signin

Name	<input type="text" value="Name"/>
Mobile	<input type="text" value="Cell number"/>
Email id	<input type="text" value="Email id"/>
Address	<input type="text" value="Residential address"/>
Username	<input type="text" value="Username"/>
Password	<input type="password" value="Password"/>

Login

Username	<input type="text" value="Username"/>
Password	<input type="password" value="Password"/>



Signin

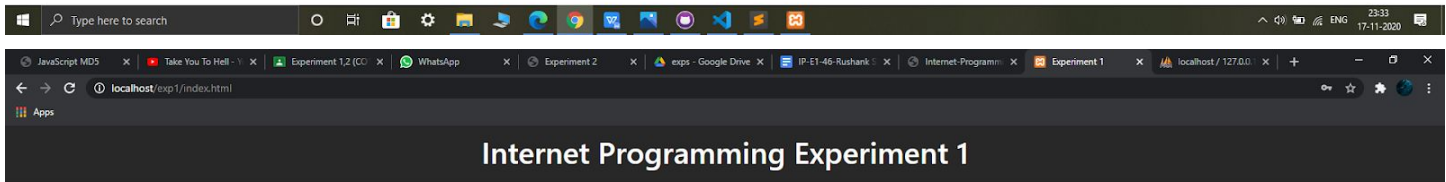
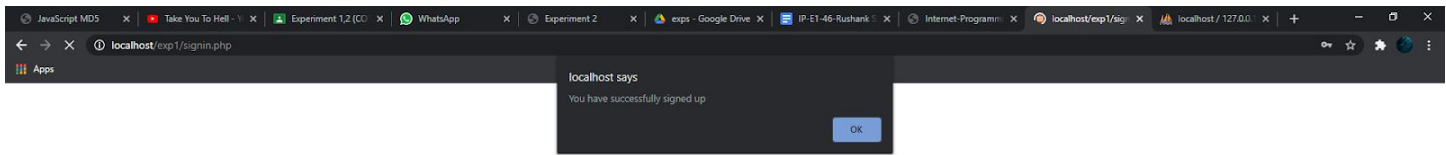
Name	<input type="text" value="Rushank Ghanshyam Sheta"/>
Mobile	<input type="text" value="9820225709"/>
Email id	<input type="text" value="rushanksheta00@gmail.com"/>
Address	<input type="text" value="A2,202,West View,Sectore 2,Mira Road,Thane-401 107"/>
Username	<input type="text" value="rushank2000"/>
Password	<input type="password" value="•"/>

Please lengthen text to 3 characters (you are currently using 1 character).

Login

Username	<input type="text" value="Username"/>
Password	<input type="password" value="Password"/>





Signin

Name

Mobile

Email id

Address

Username

Password

Signin

Reset

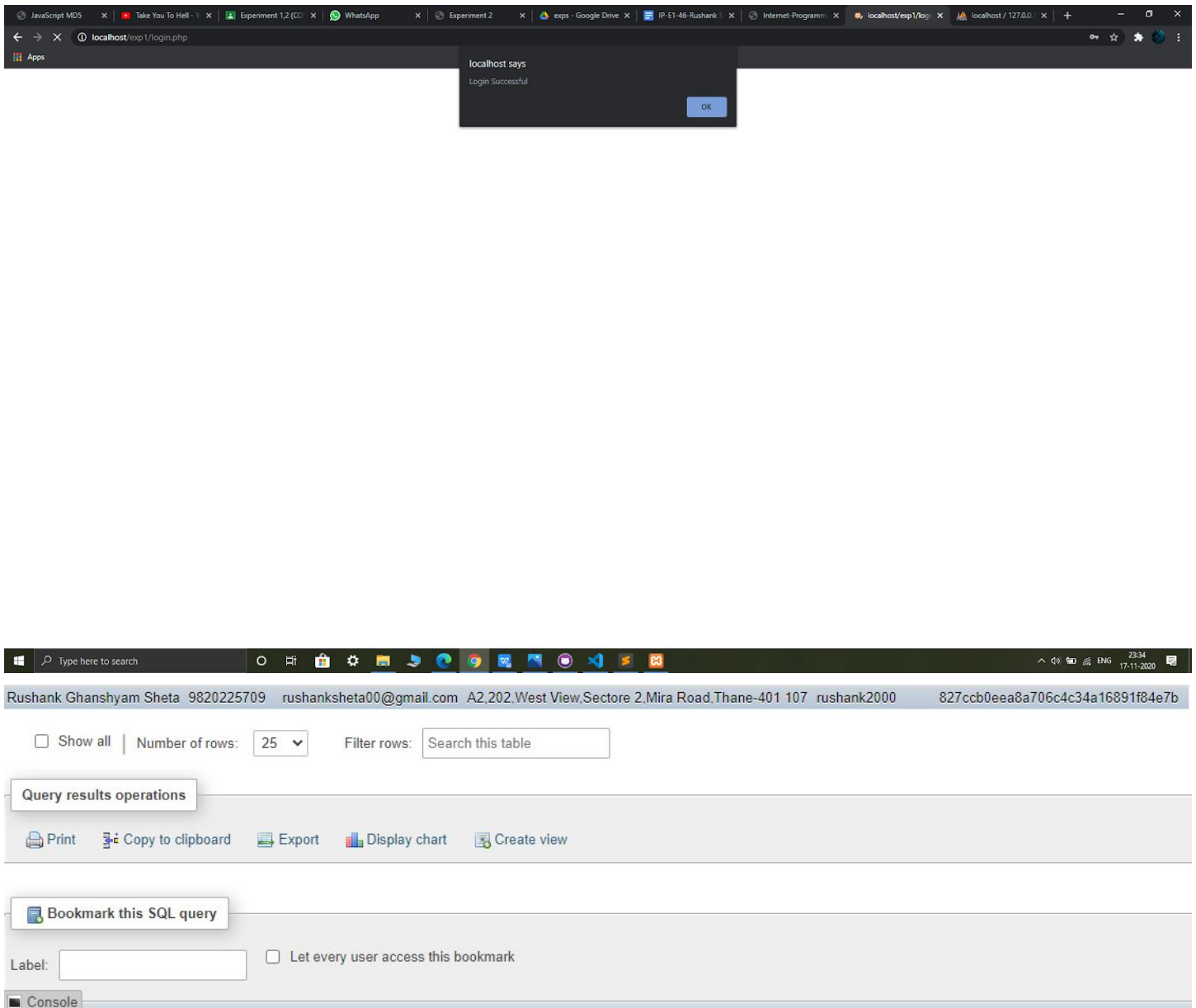
Login

Username

Password

Login

Reset



Aim:

Hence we have successfully created a login page with css, js and html.

END