SESSION MANAGEMENT AND LOGIN & REGISTRATION EXAMPLE.

(1)create table user_login:

```sql
create table user_login
 (
id int primary key auto_increment,
user_name varchar(20),
user_email varchar(20), user_password varchar(20)
);
```

(2)write code for login_form.php file save under application/views folder :

```php
<html>
<?php
if (isset($this->session->userdata['logged_in'])) {


header("location: http://localhost/myci/index.php/user_authentication/user_login_process");

}
?>
<head>
<title>Login Form</title>
<link rel="stylesheet" type="text/css" href="<?php echo base_url(); ?>css/style.css">
```

```
<link
href='http://fonts.googleapis.com/css?family=Source+Sans+Pro|Open+Sans+Condensed:300|Raleway'
rel='stylesheet' type='text/css'>

</head>

<body>

<?php

if (isset($logout_message)) {

echo "<div class='message'>";

echo $logout_message;

echo "</div>";

}

?>

<?php

if (isset($message_display)) {

echo "<div class='message'>";

echo $message_display;

echo "</div>";

}

?>

<div id="main">

<div id="login">

<h2>Login Form</h2>

<hr/>

<?php echo form_open('user_authentication/user_login_process'); ?>

<?php

echo "<div class='error_msg'>";
```

```php
if (isset($error_message)) {

echo $error_message;

}

echo validation_errors();

echo "</div>";

?>

<label>UserName :</label>

<input type="text" name="username" id="name" placeholder="username"/><br /><br />

<label>Password :</label>

<input type="password" name="password" id="password" placeholder="**********"/><br/><br />

<input type="submit" value=" Login " name="submit"/><br />

<a href="<?php echo base_url() ?>index.php/user_authentication/user_registration_show">To SignUp
Click Here</a>

<?php echo form_close(); ?>

</div>

</div>

</body>

</html>
```

(3)write code for registration_form.php file and save under application /views:

```php
<html>

<?php

if (isset($this->session->userdata['logged_in'])) {

header("location: http://localhost/myci/index.php/user_authentication/user_login_process");

}
```

```
?>

<head>

<title>Registration Form</title>

<link rel="stylesheet" type="text/css" href="<?php echo base_url(); ?>css/style.css">

<link
href='http://fonts.googleapis.com/css?family=Source+Sans+Pro|Open+Sans+Condensed:300|Raleway'
rel='stylesheet' type='text/css'>

</head>

<body>

<div id="main">

<div id="login">

<h2>Registration Form</h2>

<hr/>

<?php

echo "<div class='error_msg'>";

echo validation_errors();

echo "</div>";

echo form_open('user_authentication/new_user_registration');


echo form_label('Create Username : ');

echo"<br/>";

echo form_input('username');

echo "<div class='error_msg'>";

if (isset($message_display)) {

echo $message_display;

}
```

```php
echo "</div>";

echo"<br/>";

echo form_label('Email : ');

echo"<br/>";

$data = array(

'type' => 'email',

'name' => 'email_value'

);

echo form_input($data);

echo"<br/>";

echo"<br/>";

echo form_label('Password : ');

echo"<br/>";

echo form_password('password');

echo"<br/>";

echo"<br/>";

echo form_submit('submit', 'Sign Up');

echo form_close();

?>

<a href="<?php echo base_url() ?> ">For Login Click Here</a>

</div>

</div>

</body>

</html>
```

(4)write code for controller class user_authentication.php file & save under application/controllers:

```php
<?php


 //we need to start session in order to access it through CI


Class User_Authentication extends CI_Controller {


public function __construct() {

parent::__construct();


$this->load->library('session');


$this->load->library('encrypt');


$this->load->helper('url');
// Load form helper library
$this->load->helper('form');


// Load form validation library
$this->load->library('form_validation');


// Load session library
$this->load->library('session');
```

```php
// Load database

$this->load->database();

$this->load->model('login_database');


}


// Show login page

public function user_login_show() {

$this->load->view('login_form');

}


// Show registration page

public function user_registration_show() {

$this->load->view('registration_form');

}


// Validate and store registration data in database

public function new_user_registration() {


// Check validation for user input in SignUp form

//$this->form_validation->set_rules('name', 'Name', 'trim|required|xss_clean');

$this->form_validation->set_rules('username', 'Username', 'trim|required');

$this->form_validation->set_rules('email_value', 'Email', 'trim|required');

$this->form_validation->set_rules('password', 'Password', 'trim|required');

if ($this->form_validation->run() == FALSE) {
```

```php
$this->load->view('registration_form');

} else {

$data = array(

//'name' => $this->input->post('name'),

'user_name' => $this->input->post('username'),

'user_email' => $this->input->post('email_value'),

'user_password' => $this->input->post('password')

);

$result = $this->login_database->registration_insert($data) ;

if ($result == TRUE) {

$data['message_display'] = 'Registration Successfully !';

$this->load->view('login_form', $data);

} else {

$data['message_display'] = 'Username already exist!';

$this->load->view('registration_form', $data);

}

}

}


// Check for user login process

public function user_login_process() {


$this->form_validation->set_rules('username', 'Username', 'trim|required');

$this->form_validation->set_rules('password', 'Password', 'trim|required');
```

```php
if ($this->form_validation->run() == FALSE) {

$this->load->view('login_form');

} else {

$data = array(

'username' => $this->input->post('username'),

'password' => $this->input->post('password')

);

$result = $this->login_database->login($data);

if($result == TRUE){

$sess_array = array(

'username' => $this->input->post('username')

);


// Add user data in session

$this->session->set_userdata('logged_in', $sess_array);

$result = $this->login_database->read_user_information($sess_array);

if($result != false){

$data = array(


'username' =>$result[0]->user_name,

'email' =>$result[0]->user_email,

'password' =>$result[0]->user_password

);

$this->load->view('admin_page', $data);

}
```

```php
}else{

$data = array(

'error_message' => 'Invalid Username or Password'

);

$this->load->view('login_form', $data);

}

}

}


// Logout from admin page

public function logout() {


// Removing session data

$sess_array = array(

'username' => ''

);

$this->session->unset_userdata('logged_in', $sess_array);

$data['message_display'] = 'Successfully Logout';

$this->load->view('login_form', $data);

}

}


?>
```

(5)write code for login_database.php file and save under application /models :

```php
<?php

Class Login_Database extends CI_Model

{

// Insert registration data in database

public function registration_insert($data)

{

$this->load->database();

// Query to check whether username already exist or not

$condition = "user_name =" . "'" . $data['user_name'] . "'";

$this->db->select('*');

$this->db->from('user_login');

$this->db->where($condition);

$this->db->limit(1);

$query = $this->db->get();

if ($query->num_rows() == 0) {

// Query to insert data in database

$this->db->insert('user_login', $data);
```

```php
if ($this->db->affected_rows() > 0) {

return true;

}

} else {

return false;

}

}


// Read data using username and password

public function login($data) {


$condition = "user_name =" . "'" . $data['username'] . "' AND " . "user_password =" . "'" . $data['password'] . "'";

$this->db->select('*');

$this->db->from('user_login');

$this->db->where($condition);

$this->db->limit(1);

$query = $this->db->get();


if ($query->num_rows() == 1) {

return true;

} else {

return false;

}

}
```

```php
// Read data from database to show data in admin page

public function read_user_information($sess_array) {


$condition = "user_name =" . "'" . $sess_array['username'] . "'";

$this->db->select('*');

$this->db->from('user_login');

$this->db->where($condition);

$this->db->limit(1);

$query = $this->db->get();


if ($query->num_rows() == 1) {

return $query->result();

} else {

return false;

}

}


}


?>
```

(8)WRITE CODE style.css file and save under myci/css folder :

```css
#main{

width:960px;
```

```css
margin:50px auto;

font-family:raleway;

}


span{

color:red;

}


h2{

background-color: #FEFFED;

text-align:center;

border-radius: 10px 10px 0 0;

margin: -10px -40px;

padding: 30px;

}


#login{

width:300px;

float: left;

border-radius: 10px;

font-family:raleway;

border: 2px solid #ccc;

padding: 10px 40px 25px;

margin-top: 70px;
```

```css
}

input[type=text],input[type=password], input[type=email]{

width:99.5%;

padding: 10px;

margin-top: 8px;

border: 1px solid #ccc;

padding-left: 5px;

font-size: 16px;

font-family:raleway;

}

input[type=submit]{

width: 100%;

background-color:#FFBC00;

color: white;

border: 2px solid #FFCB00;

padding: 10px;

font-size:20px;

cursor:pointer;

border-radius: 5px;

margin-bottom: 15px;

}

#profile{
```

```css
padding:50px;

border:1px dashed grey;

font-size:20px;

background-color:#DCE6F7;

}


#logout{

float:right;

padding:5px;

border:dashed 1px gray;

margin-top: -168px;

}


a{

text-decoration:none;

color: cornflowerblue;

}


i{

color: cornflowerblue;

}


.error_msg{

color:red;

font-size: 16px;
```
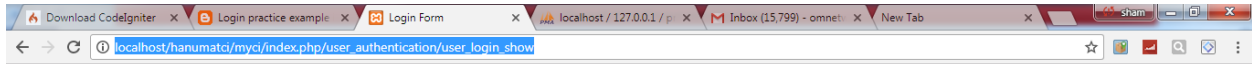
```
    }


.message{

position: absolute;

font-weight: bold;

font-size: 28px;

color: #6495ED;

left: 262px;

width: 500px;

text-align: center;

}
```

(7)finally open your browser and type following to run:

http://localhost/hanumatci/myci/index.php/user_authentication/user_login_show

you will see output:

And for registration click here:
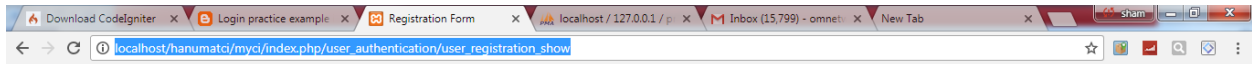
http://localhost/hanumatci/myci/index.php/user_authentication/user_registration_show