**• Each user first register to the system by a unique username.**

USER(username, reservation\_id, password);

Check passwords, make them match

**• Users will login to the system with their own password in order to use the system.**

In php use

$sql="SELECT \* FROM USER WHERE username='$username'";

$result=mysql\_query($sql);

// Mysql\_num\_row is counting table row

$count=mysql\_num\_rows($result);

// If result matched $username and $password, table row must be 1 row

if($count==1){

$row = mysql\_fetch\_assoc($result);

if (crypt($password, $row['password']) == $row['password']){

session\_register("username");

session\_register("password");

echo "Login Successful";

return true;

}

else {

echo "Wrong Username or Password";

return false;

}

}

else{

echo "Wrong Username or Password";

return false;

}

**• There will be several activities such as theatre, cinema, concert and so on.**

Activities(activity\_id, type,date,city,showroom,available\_seats)

Type can be: cinema,theatre,fair etc.

**• The registered user can search the activities according to different search criteria.**

**o Activities between two given days (e.g., see activities between 10.08.2009 and**

**20.08.2009)**

//JS

<script type="text/javascript">

$(document).ready(function(){

var CurrentDate=new Date();

$("#year").val(CurrentDate.getYear());

$("#month").val(CurrentDate.getMonth());

$("#day").val(CurrentDate.getDate());

});

</script>

//HTML

<select name="year" id="year">

<option value="2016">2016</option>

<option value="2017">2017</option>

<option value="2018">2018</option>

<option value="2019">2019</option>

</select>

<select name="month" id="month">

<option value="0">January</option>

<option value="1">February</option>

<option value="2">March</option>

<option value="3">April</option>

<option value="4">May</option>

<option value="5">June</option>

<option value="6">July</option>

<option value="7">August</option>

<option value="8">September</option>

<option value="9">October</option>

<option value="10">November</option>

<option value="11">December</option>

</select>

<select name="day" id="day">

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

<option value="11">11</option>

<option value="12">12</option>

<option value="13">13</option>

<option value="14">14</option>

<option value="15">15</option>

<option value="16">16</option>

<option value="17">17</option>

<option value="18">18</option>

<option value="19">19</option>

<option value="20">20</option>

<option value="21">21</option>

<option value="22">22</option>

<option value="23">23</option>

<option value="24">24</option>

<option value="25">25</option>

<option value="26">26</option>

<option value="27">27</option>

<option value="28">28</option>

<option value="29">29</option>

<option value="30">30</option>

<option value="31">31</option>

</select>

**o Activities according to their type (e.g., cinema, theatre)**

"SELECT \* FROM Activities WHERE type='$type'"

**o Activities according to their city (e.g., activities in Istanbul)**

"SELECT \* FROM Activities WHERE city='$city'"

**o Activities according to their showroom (e.g., Cemil Topuzlu AcikhavaSahnesi)**

"SELECT \* FROM Activities WHERE showroom='$showroom'"

**o And combinations of these above search conditions (e.g. search for a particular**

**activity in a given city, which holds in specified dates)**

"SELECT \* FROM Activities WHERE showroom='$showroom' AND city='$city'"

**• Note that the user can select these conditions together, or separately. For instance, the**

**user can specify the date and activity type or she can specify date, activity type and**

**city. There may be a number of combinations.**

If not entered, we directly assume it is “\*”. For example

$type = "\*";

$date = "\*";

$city = "\*";

$showroom = "\*";

//take user input afterwards, if they don’t enter anything just use \*.

SELECT \* FROM Activities WHERE type='$type' AND date='$date' AND city='$city' AND

showroom='$showroom'

**• The user can make reservation to a specific activity by specifying the number of**

**tickets to be issued.**

- Create a view called user and let them change the reservation database only.

*Reservation(reservation\_id, activity\_id, number\_of\_tickets);*

*Activities(activity\_id, type,date,city,showroom,available\_seats);*

*USER(username, reservation\_id, password);*

**- Do remember** to check available\_seats while making reservations

**• The user can update his/her reservation by only changing the number of tickets to be**

**issued**.

UPDATE Reservation SET number\_of\_tickets=$new\_number\_of\_tickets

**• The user can cancel his reservation (s).**

DELETE FROM Reservation INNER JOIN User ON user.reservation\_id = reservation.reservation\_id WHERE user.reservation\_id = $cancel\_id

**• The user can list or view his all reservation information.**

SELECT \* FROM Activity WHERE activity.activity\_id = reservation.activity\_id