**WEB PROGRAMING LANGUAGES**

**Assignment 04**

**Technical Documentation**

**Ver 1.0**

**By Kainan Xu**

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**1. Project Overview**

This file is the technical document of web programming languages course assignment 04. This file mainly described the function of the students information management system implemented by html, css, javascript and php.

The system now mainly have 6 functions, viewing the UTDallas acknowledgment form and course list function, student information management, degree planner (course picker), management interface for administrators, with this version, the system is newly implemented the appointment reservation system which enables administrators to create and modify the appointment thus students can make a reservation for advising online.

**2. Installation Instructions**

To make this system run, you must have an Wamp (http://www.wampserver.com/en/) server and MySQL (https://www.mysql.com/) database installed on your running environment. Please follow the links provided to download the free version of the software. After Wamp and MySQL are installed, please parse the .SQL files provided with the system to establish the database via Wamp server.



Figure 1. Main page of wamp server for import database

**3. Assumptions**

The system is base on the assumption of every student in the database system stays only in two different tracks, other assumptions include each course will only available for only once, students are all satisfied with the courses’ prerequisite. For the advising appointment system, administrators should only be allowed to create appointments which have one day period, an appointment should last for 30 minutes.

**4. System Structure**

This system consists of two parts, one is the client side UI for interacting the customers, other is the server side database system. The client side files are included in the source code file which consist of .html, .js, .php, .css files. The server side files are .sql files which should be used when establishing the database system.

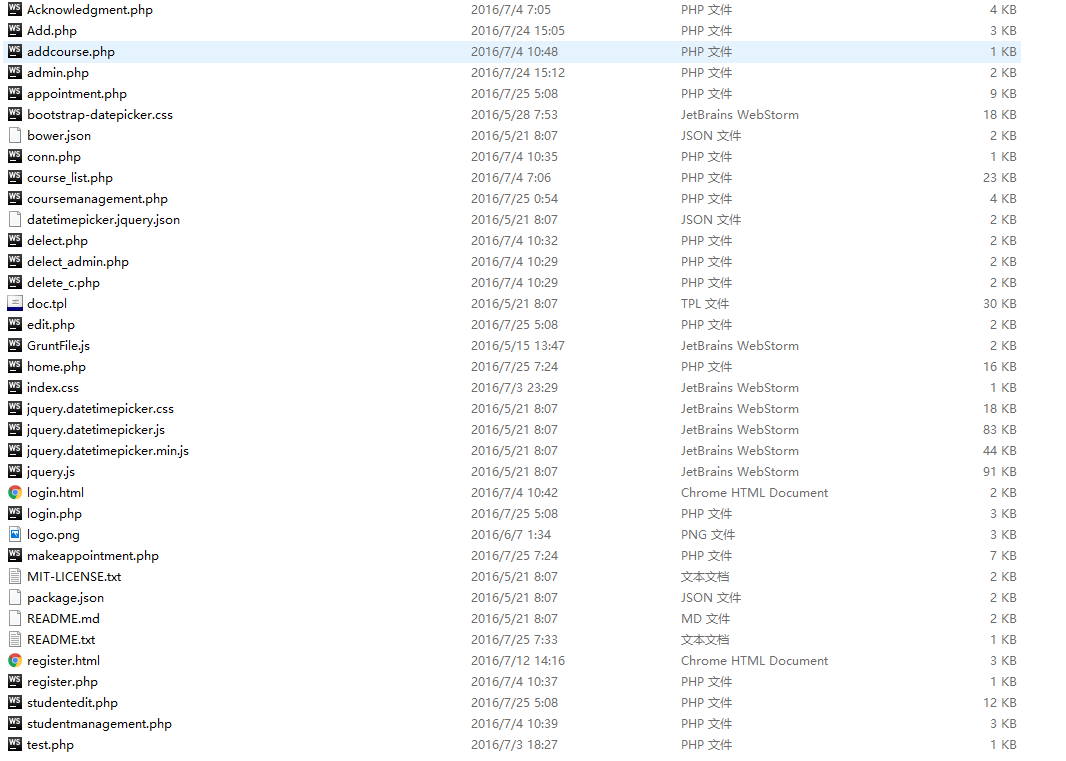


Figure 2. Files on the client side

**5. Test Plan and Test Cases**

**Test plan**

To test the usability, the system has been tested by Selenium IDE, a general web testing tool which is very powerful and easy to use. Based on the function as follows:

1. A user should be able to login by his/her account or register a new account.

2. (For a student) A user should be able to login this account and check information include: GPA, grade and letter grade for courses taken, credits left to graduate, personal information, course taken, taking and registered for next term.

3. (For a student) A user should be able to add/drop course for the next term which is guided by a spercific track.

4. (For a student) A user should be able to add/delete an appointment with an administrator when it is available.

5. (For a faculty) A user should be able to check all the information include in three for each student and able to modify the information of a student, which includes: personal information, password, course information.

6. (For a faculty) A user should be able to add/delete/modify a course in the database.

7. (For a faculty) A user should be able to add/delete/modify an appointment information for students to register.

8. A user should be able to access the student acknowledge form and course list.

**Test Cases**

Based on the previous section, the Selenium Test Cases to cover the demand is list below:

1. User Registration
2. Actions
3. Click ‘register’ button on log in page.
4. Fill in the registration data in the form.
5. Click ‘register’ button on the form.
6. Expected Result
7. The system will pop up an alert window to show registration successfully.
8. User Login
9. Actions
10. Fill in the registration data in the form.
11. Click ‘login’ button in the login page.
12. Expected Result
13. The system will be redirected to a new page depending on the user’s identity. If the user is a student, the page will be redirected to the student main information page, if the user is a faculty, the page will be redirected to the main administrator page.
14. Student main page behavior, including make/delete an appointment, add/drop courses.
15. Actions
16. Access to the system and enter the main page with a valid student account.
17. Make an appointment by clicking on the hyperlink ‘register’ on screen.
18. Delete an appointment by clicking the ‘delete’ hyperlink on screen.
19. Add a core course by clicking the ‘Add’ hyperlink on screen.
20. Delete a core course by clicking the ‘delete’ hyperlink on screen.
21. Add an elective core by clicking the ‘Add’ hyperlink on screen.
22. Delete an elective course by clicking the ‘delete’ hyperlink on screen.
23. Expected Result
24. The system update information in the database on show it in the main page, and show an corresponding confirm information.
25. Administrator page behavior, including create an appointment, add/drop student’s courses, modify student information.
26. Actions
27. Access to the system and enter the main page with a valid faculty account.
28. Click ‘login’ button in the login page.
29. Create an appointment by picking date and time in the JQuery and click the ‘create appointment’ button.
30. Delete an appointment by clicking the ‘delete’ hyperlink on screen.
31. Delete an student appointment by clicking the ‘delete’ hyperlink on screen.
32. Delete an appointment by clicking the ‘delete’ hyperlink on screen.
33. Add a core course by clicking the ‘Add’ hyperlink on screen.
34. Delete a core course by clicking the ‘delete’ hyperlink on screen.
35. Add an elective core by clicking the ‘Add’ hyperlink on screen.
36. Delete an elective course by clicking the ‘delete’ hyperlink on screen.
37. Expected Result
38. The system update information in the database on show it in the main page, and show an corresponding confirm information.

The above four selenium test cases will be provided for uses with the attachment for future use.

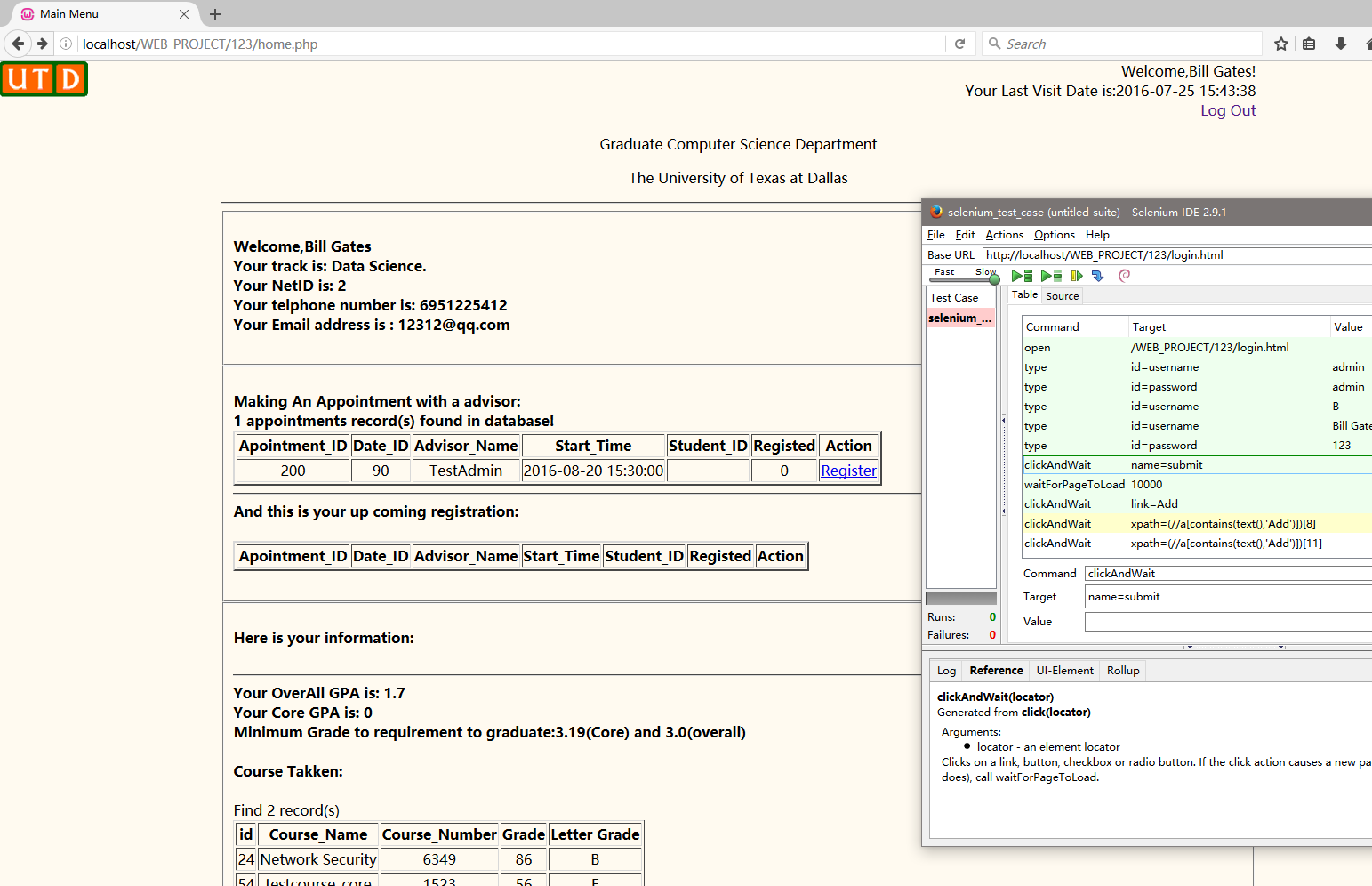


Figure 3. Selenium IDE running test cases

**Test Cases**

All functions of the system has down the test successfully to indicate that the system can run reliably.

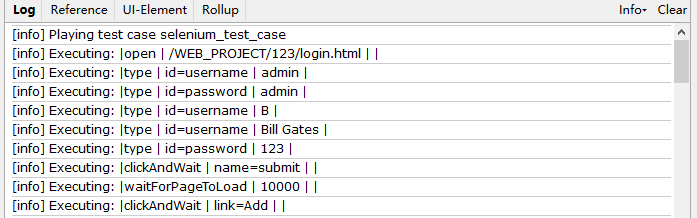


Figure 4. Selenium test cases log screen shot

Console logs:

[info] Executing: |type | id=password | admin |

[error] Element id=password not found

[info] Playing test case Untitled

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Executing: |pause | 3000 | |

[info] Executing: |clickAndWait | name=submit | |

[info] Test case passed

[info] Playing test case Untitled

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |type | id=username | Harry Poter |

[info] Executing: |type | id=password | 123 |

[info] Executing: |pause | 3000 | |

[info] Executing: |clickAndWait | name=submit | |

[info] Executing: |clickAndWait | link=Log Out | |

[error] Element link=Log Out not found

[info] Test case failed

[info] Playing test case Untitled

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |type | id=username | Harry Poter |

[info] Executing: |type | id=password | 123 |

[info] Executing: |clickAndWait | name=submit | |

[info] Executing: |pause | 3000 | |

[info] Executing: |clickAndWait | link=Log Out | |

[info] Executing: |clickAndWait | link=here! | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Test case passed

[info] Playing test case Admin\_login

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Executing: |pause | 3000 | |

[info] Executing: |clickAndWait | name=submit | |

[info] Test case passed

[info] Playing test case Admin\_login

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Executing: |clickAndWait | name=submit | |

[info] Executing: |pause | 3000 | |

[info] Executing: |clickAndWait | link=Log Out | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Test case passed

[info] Playing test case Untitled 2

[info] Executing: |open | /WEB\_PROJECT/cource%20code/login.html | |

[info] Executing: |clickAndWait | css=input[type="button"] | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=username | selenium |

[info] Executing: |type | id=password | 123 |

[info] Executing: |type | id=password\_1 | 123 |

[info] Executing: |type | id=tel | 456-895-6952 |

[info] Executing: |type | id=Email | Kaisa@hotmail.com |

[info] Executing: |clickAndWait | name=submit | |

[info] Executing: |clickAndWait | link=login | |

[info] Executing: |type | id=username | admin |

[info] Executing: |type | id=password | admin |

[info] Executing: |type | id=password | admin |

[info] Test case passed

**6. System flow**

The system start with the login.html which provides the login and register interface for students and administrators. It is implemented to prevent from bad inputs, for example, if user are trying login without input the correct form of data, it will pop out message indicating the error. And the system has a default students account with ID=student password=student, also, a administrator account with ID=admin, password=admin. Additionally, the system now have two more build-in administrator accounts, which is testAdmin\_1, testAdmin\_2.

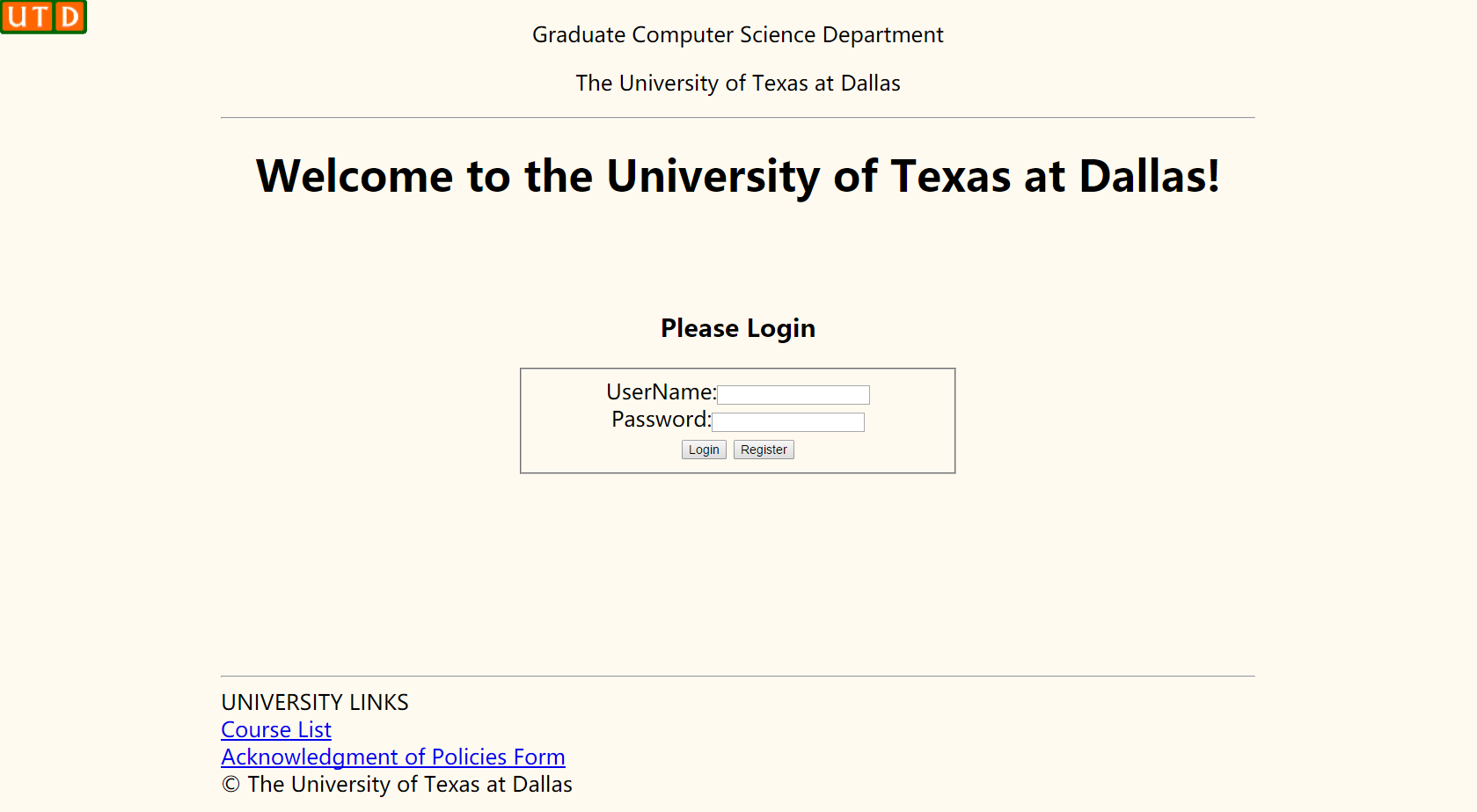


Figure 5. Main log in page

After login, it will go to the main page of the system, if the user is a student, it will go to the student page, if the user is a administrator, it will go to the administrator page.

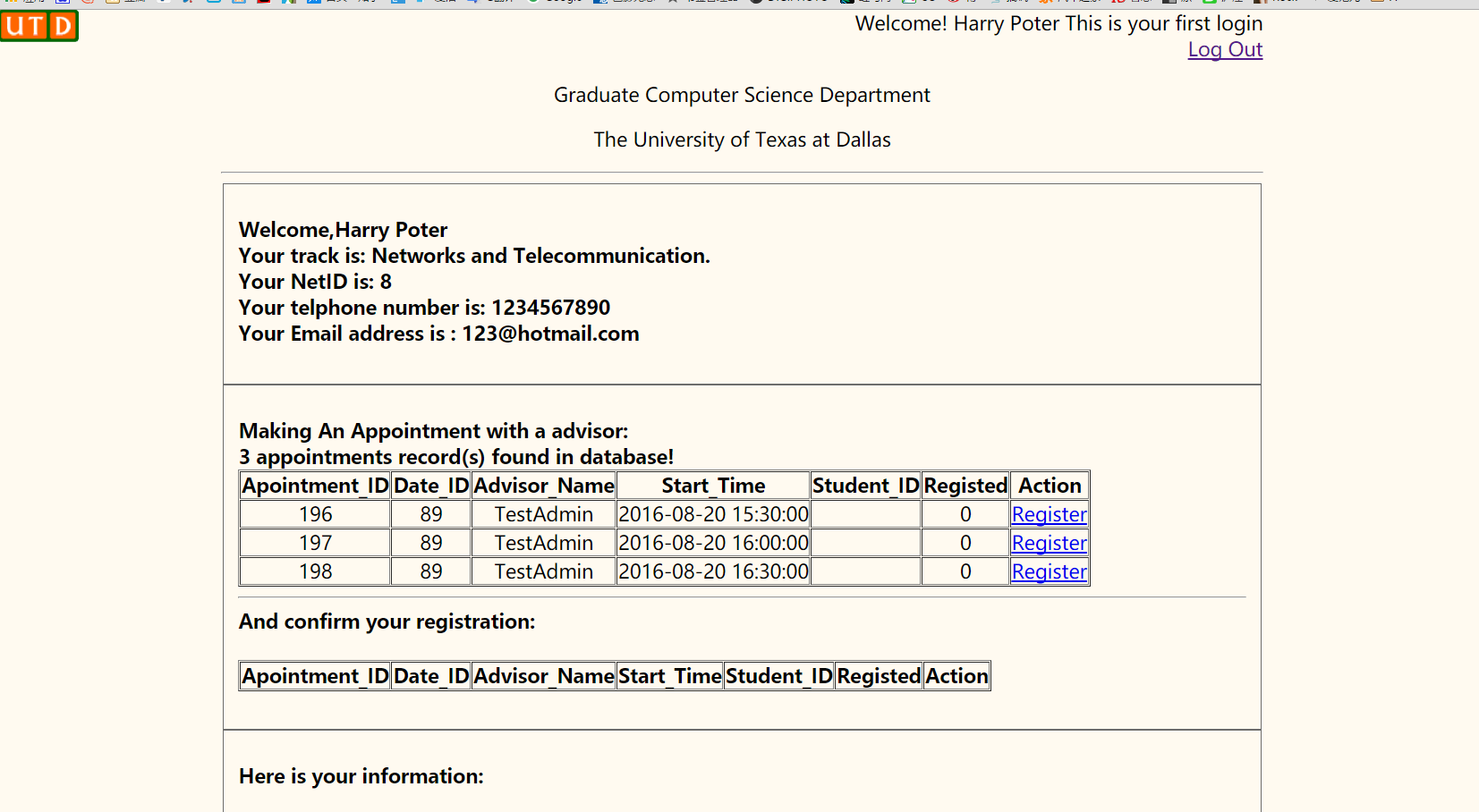


Figure 6. Screen shot for student appointment

In this version, the system now can support two difference tracks, when log into the information page, students can check out there track and pick core / elective cores based on their tracks.

In the students management page ,which can only be accessible by the administrators, a link can be found to modify the student’s tracks.

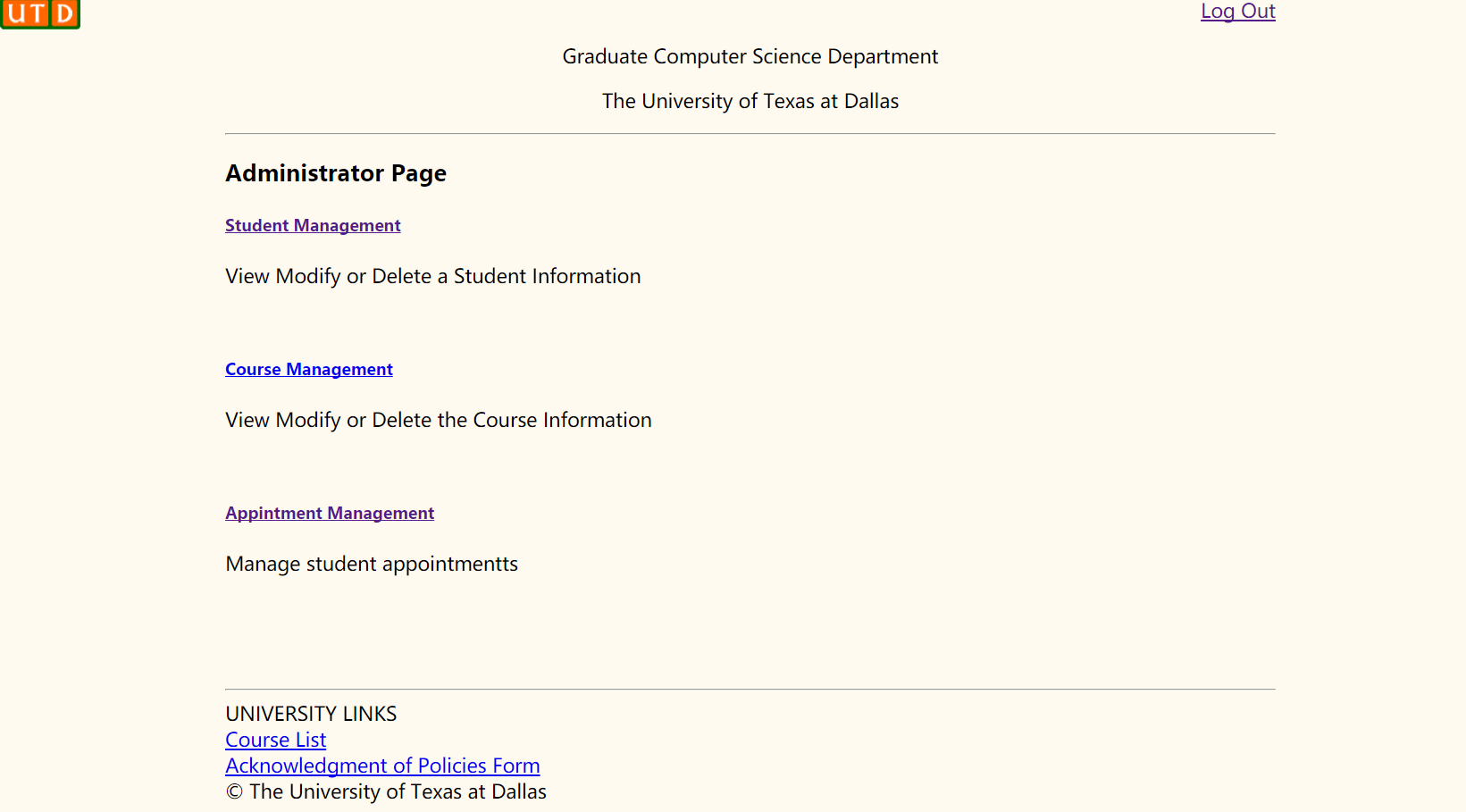


Figure 7. Administrator management main page

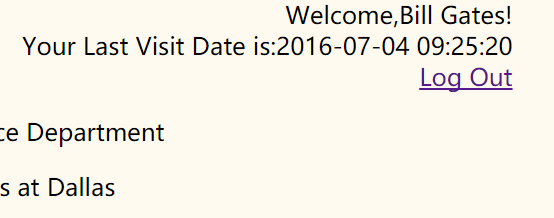


Figure 8. Screen shot indicating the session and cookie information

In this pages, users can view their course status and manage(add, drop, update) it. And the system also implemented the function for recording the users history login by session and cookie, it can memorize the user’s last login. In the new version, administrators can create or modify the appointment and students can register an appointment if it is available.

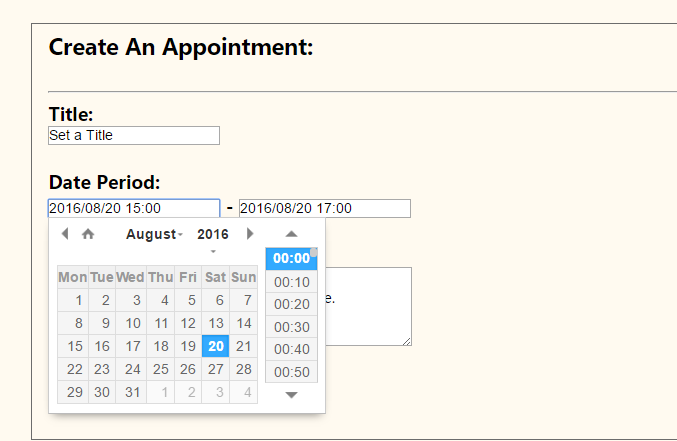


Figure 10. Screen shot for date and time picker

This picture shows how to make an appointment for administrators. The main processing is, user pick a date and time period by using the date and time pick or accepting input from keyboard, enter the crucial information, and lastly, click the confirm button to create an appointment. Note that the system currently allows only one-day-period appointment, if an administrator attempts to create an appointment which duration is more than one day, the system will pop up an alert and prevent users from it.



Figure 11. Students main page

This picture show the student’s main page, which contains the an appointment created by the administrator. In this page, students can register an appointment or delete an current appointment. Note that only available time slots will be shown in this page, this prevent a potential register conflict. Additionally, the time period created by the administrators will be separated in small time duration (30mins) automatically.

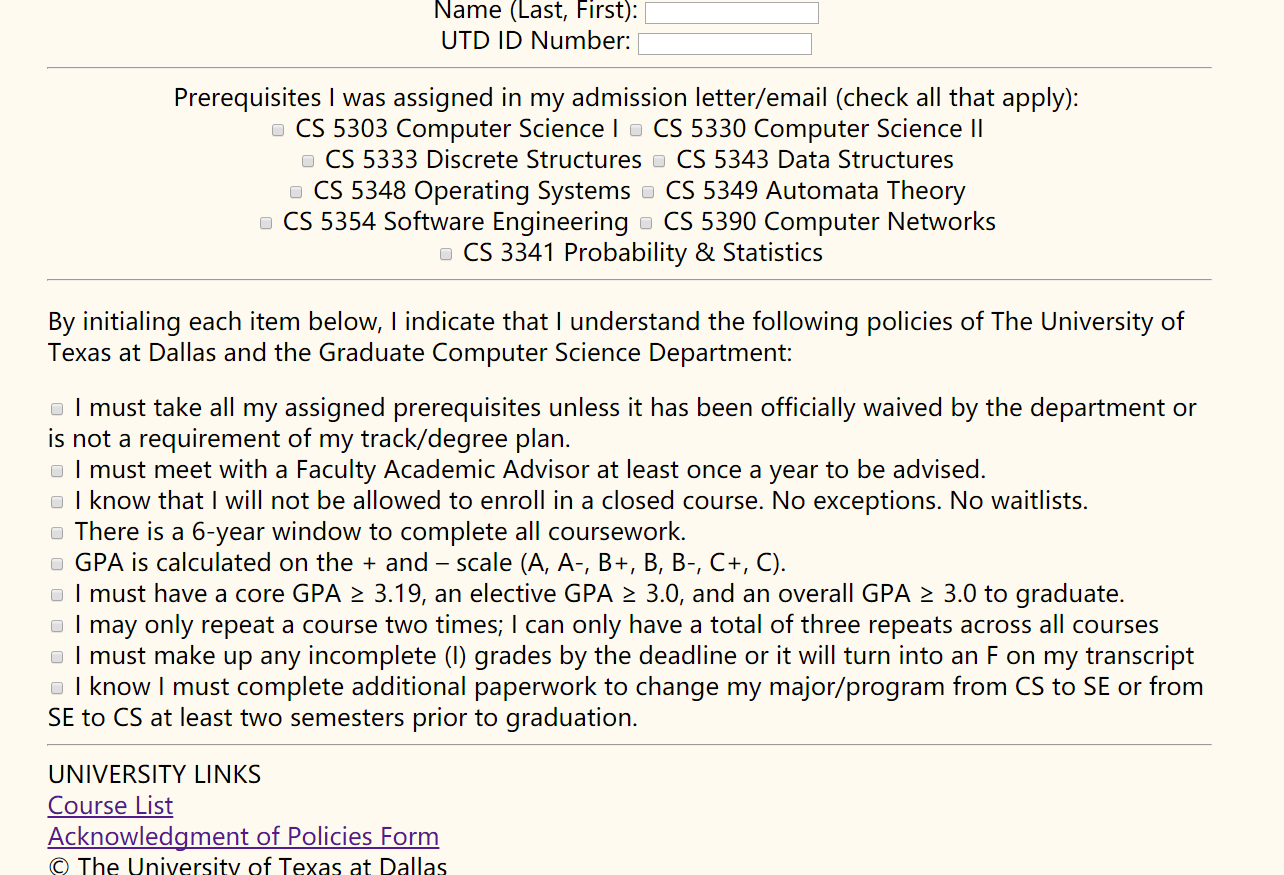


Figure 12. Department of Computer Science Acknowledgment Form

At any position of the system, users can access to the course list and acknowledgment form of UTDallas as a port of the footer.

**CODE Listings**

**login.html**

<!DOCTYPE html>

<html>

<head>

<title>welcome to UTD</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<link rel="stylesheet" type="text/css" href="index.css">

<script language="javascript"type="text/javascript" >

function check(){

var name=LoginForm.username.value;

var pwd=LoginForm.password.value;

if(name==""){

alert("请输入用户名~");

LoginForm.username.focus();

return (false);

}

if(pwd==""){

alert("请输入密码~");

LoginForm.password.focus();

return (false);

}

}

</script>

</head>

<body>

<p >Graduate Computer Science Department </p>

<p align="center">The University of Texas at Dallas </p>

<hr/>

<h1 align="center">Welcome to the University of Texas at Dallas!</h1>

<br><br>

<h3 align="center">Please Login</h3>

<div id="input" align="center-left">

<fieldset>

<form name="LoginForm" method="post"action="login.php" onsubmit="return check(this)">

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

Password:<input name = "password" type="password"id="password"/><br/>

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

<input value="Register" type="button"onclick="javascrtpt:window.location.href='register.html'"/><br/>

</form>

</fieldset>

</div>

<br><br><br><br><br><br><br>

<hr>

<div id="footer" align="left">

UNIVERSITY LINKS<br>

<a href="course\_list.php">Course List</a>

<br>

<a href="Acknowledgment.php">Acknowledgment of Policies Form</a>

<div align="left">

© The University of Texas at Dallas<br>

</div>

</div>

</body>

</html>

**login.php**

<?php

//启动session会话

session\_start();

//注销登录

$var = isset($\_GET['action']) ? $\_GET['action'] : '';

if ($var == "logout"){

echo 'successfully logout! Click<a href=login.html> here!</a> to login';

//set cookie, this should be used in logout!

date\_default\_timezone\_set("America/Chicago");

setCookie("name",$\_SESSION['username'],time()+3600\*24\*30);

setCookie("lastVisit",$date=date("Y-m-d H:i:s"),time()+3600\*24\*30);

unset($\_SESSION['userid']);

unset($\_SESSION['username']);

exit;

}

//登录

if (!isset($\_POST['submit'])){

exit('invaid acess!');

}

$username = trim($\_POST['username']);

$password = trim($\_POST['password']);

if($username == 'admin'&& $password='admin')

{

echo "Welcome Admin, Please wait to be redirected!";

echo "<meta http-equiv=\"refresh\" content=\"1.5;url=admin.php\">";

exit;

}

//访问数据库，进行连接

include("conn.php");

//检查用户名密码

$sql = "select userid from users where Userloginname="."'$username'"." and Userloginpassword="."'$password'";

$result = mysqli\_fetch\_array(mysqli\_query($link,$sql));

if ($result)

{

//登录成功

$\_SESSION['username']=$username;

$\_SESSION['userid'] = $result[0];

echo $username.', Welcome! <br/>';

echo 'click here to <a href="login.php?action=logout">logout</a>! <br/>';

echo "<meta http-equiv=\"refresh\" content=\"1.5;url=home.php\">";

}

else{

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

?>

**Index.css**

/\*

Creat at 2016 06 06

Author:Kainan

\*/

body

{

text-align:center;

margin:auto;

width:70%;

background-color: floralwhite;

background-image: url(logo.png);

background-repeat: no-repeat;

background-size: 100px 40px;

}

#header{

position: absolute;top: 0;

right:0;

}

#footer{

position:absolute;bottom: auto;

height: 60px;

}

#input{

margin:0 auto; width:500px;

text-align:center;

}

**Home.php**

<?php

session\_start();

?>

<html>

<head>

<title>Main Menu</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<link rel="stylesheet" type="text/css" href="index.css">

</head>

<body>

<div id="cookie" align="right">

<?php

if(isset($\_COOKIE['name']))

{

if($\_COOKIE['name']==$\_SESSION['username'])

{

echo "Welcome," . $\_SESSION['username'] . "!<br />";

echo "Your Last Visit Date is:" . $\_COOKIE['lastVisit'] . "<br />";

}

else

echo "Welcome! ".$\_SESSION['username']."this is the first login";

}

?>

</div>

<div align="right" style="size: 8px">

<a href="login.php?action=logout">Log Out</a>

</div>

<p >Graduate Computer Science Department </p>

<p align="center">The University of Texas at Dallas </p>

<hr/>

<div id=information align="left">

<h4>

Welcome,<?php echo $\_SESSION['username']?>

<br/>

Your track is: Data Science.

</h4>

<h4>

Course Takken:<br>

</h4>

<?php

include("conn.php");

$sql = "select courses.name,courses.number,coursetaken.grade from courses, coursetaken where (coursetaken.studentid=".$\_SESSION['userid']." AND courses.id=coursetaken.courseid AND coursetaken.states=0)";

//$result = mysqli\_query($link,$sql);

//echo $sql;

//$result = mysqli\_fetch\_array(mysqli\_query($link,$sql));

function showTable($link,$query){

$sql=$query;

$res = $link->query($sql);

echo "Find: ".$res->num\_rows." record in:".$res->field\_count." Columns.";

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "</tr>";

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td>$value</td>";

}

echo "</tr>";

}

echo "</table>";

$res->free();

}

showTable($link,$sql);

?>

//course taking

<h4>

Course Taking at this term:<br>

</h4>

<?php

include("conn.php");

$sql = "select courses.name,courses.number,coursetaken.grade from courses, coursetaken where (coursetaken.studentid=".$\_SESSION['userid']." AND courses.id=coursetaken.courseid AND coursetaken.states=1)";

showTable($link,$sql);

?>

//course picked next term:

//course taking

<h4>

Course Taking at next term:<br>

</h4>

<?php

include("conn.php");

$sql = "select courses.name,courses.number,coursetaken.grade from courses, coursetaken where (coursetaken.studentid=".$\_SESSION['userid']." AND courses.id=coursetaken.courseid AND coursetaken.states=2)";

showTable($link,$sql);

?>

</div>

<hr/>

<div id="degree\_plan" align="left">

<h2>Degree Planner</h2>

<div align="left">

Delect Courses:<br>

<?php

include("conn.php");

$sql = "select courses.name from courses, coursetaken where (coursetaken.studentid=".$\_SESSION['userid']." AND courses.id=coursetaken.courseid AND coursetaken.states=2)";

function showbox($link,$query){

$sql=$query;

//$sql = "select courses.name,courses.number,coursetaken.grade from courses, coursetaken where (coursetaken.studentid=".$\_SESSION['userid']." AND courses.id=coursetaken.courseid AND coursetaken.states=0)";

$res = $link->query($sql);

//echo "Find: ".$res->num\_rows." record in:".$res->field\_count." Columns.";

//循环取出数据

echo "<form name='input' action='delect.php' method='get'>";

$var=0;

while($row=$res->fetch\_row()){

foreach($row as $value){

$SESSION['course']=$value;

echo "<label><input name='$value' type='checkbox' value='$value'>$value</label>";

echo "<br>";

$var++;

// echo $value;

}

}

$res->free();

echo "<input type='submit' value='Delect' />";

echo "</form>";

}

showbox($link,$sql);

?>

Add Courses(Only eligible courses for your track will be shown):<br>

Course available for... Data Science:<br>

<table border="1" align="left">

<tr><th>Course ID</th><th>Course Number</th><th>Course Title</th></tr>

<tr><td>29</td><td>6360</td><td>Database Design</td></tr>

<tr><td>32</td><td>6363</td><td>Design and Analysis of Computer Algorithms</td></tr>

<tr><td>23</td><td>6349</td><td>Network Security</td></tr>

<tr><td>35</td><td>6366</td><td>Computer Graphics</td></tr>

<tr><td>37</td><td>6368</td><td>Telecommunication Network Management</td></tr>

<tr><td>16</td><td>6320</td><td>Natural Language Processing</td></tr>

</table>

<br><br><br><br><br><br><br><br><br><br><br>

<form name="input" action="Add.php" method="get">

Course To Add:

<input type="text" name="Add" />

<input type="submit" value="Add" />

</form>

</div>

</div>

<hr>

<div id="footer" align="left">

UNIVERSITY LINKS<br>

<a href="course\_list.php">Course List</a>

<br>

<a href="Acknowledgment.php">Acknowledgment of Policies Form</a>

<div align="left">

© The University of Texas at Dallas<br>

</div>

</div>

</body>

</html>

**Studentedit.php**

<?php

session\_start();

?>

<html>

<head>

<title>Edit Student Info</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<link rel="stylesheet" type="text/css" href="index.css">

<script language="javascript">

function checkdel()

{if (confirm("Are you sure you want to delete/change this？"))

{return (true);}

else

{return (false);}

}

</script>

</head>

<body>

<div align="right" style="size: 8px">

<a href="login.php?action=logout">Log Out</a><br>

<a href="admin.php">Back to Admin Home</a>

</div>

<a name="top"></a>

<p >Graduate Computer Science Department </p>

<p align="center">The University of Texas at Dallas </p>

<hr/>

<div id=information align="left">

<?php

$id = isset($\_GET['id']) ? $\_GET['id'] : '';

$name = isset($\_GET['name']) ? $\_GET['name'] : '';

?>

<h4>

<?php

include("conn.php");

$sql = "select userid AS UserID, username AS UserName,userloginpassword, userdegreeplanid AS Degree\_Plan,tel AS Telphone\_Number, email AS Email from users where userid=".$id;

$res = $link->query($sql);

$row = $res->fetch\_row();

$passwd = $row[2];

$userdegreeplanid = $row[3];

$tel = $row[4];

$email = $row[5];

$\_SESSION['uid']=$id;

?>

Student <?php echo $name . "'s information:" ?> <br/>

Track: <?php if($userdegreeplanid==3) echo "Data Science."; if($userdegreeplanid==4) echo "Networks and Telecommunication."; ?> <a href='edit.php?action=changedegree\_plan' onclick='return checkdel()'>change</a><br/>

<?php

$\_SESSION['netid']=$id;

$\_SESSION['userdegreeplanid']=$userdegreeplanid;

?>

NetID: <?php echo $id; ?> <br>

Password:<?php

echo $passwd;

?><br>

<form method="POST" action="edit.php" >

<input name = "passwd" type="text"/>

<input value="Change" type="submit" name="submit" onclick='return checkdel()'/>

</form>

Telphone number:

<?php

echo $tel;

?>

<form method="POST" action="edit.php" >

<input name = "tel" type="text"/>

<input value="Change" type="submit" name="submit" onclick='return checkdel()'/>

</form>

Email address:

<?php

echo $email;

?>

<form method="POST" action="edit.php" >

<input name = "Email" type="text"/>

<input value="Change" type="submit" name="submit" onclick='return checkdel()'/>

</form>

<br/>

</h4>

<h4>

OverAll GPA: <?php

include("conn.php");

$sql = "select grade from coursetaken where (studentid=".$id." AND coursetaken.states=0)";

$res = $link->query($sql);

$max=0;

while($row=$res->fetch\_row())

{

foreach($row as $value){

if($value<60)

$gpa=0;

else if($value<70)

$gpa=1;

else if($value<80)

$gpa=2;

else if($value<83)

$gpa=2.7;

else if($value<86)

$gpa=3;

else if($value<90)

$gpa=3.4;

else if($value<93)

$gpa=3.7;

else

$gpa=4.0;

$max=$gpa+$max;

}

$avg=$max/$res->num\_rows;

}

if(isset($avg))

echo $avg;

?>

<br>Core GPA: <?php

include("conn.php");

$sql = "select coursetaken.grade from coursetaken,courses where (coursetaken.studentid=".$id." AND coursetaken.states=0 AND coursetaken.courseid=courses.id AND courses.core=1)";

$res = $link->query($sql);

$num\_cores=$res->num\_rows;

if($num\_cores==0)

echo "0";

else

{

$max=0;

while($row=$res->fetch\_row())

{

foreach($row as $value){

if($value<60)

$gpa=0;

else if($value<70)

$gpa=1;

else if($value<80)

$gpa=2;

else if($value<83)

$gpa=2.7;

else if($value<86)

$gpa=3;

else if($value<90)

$gpa=3.4;

else if($value<93)

$gpa=3.7;

else

$gpa=4.0;

$max=$gpa+$max;

}

$avg=$max/$res->num\_rows;

echo $avg;

}

}

//echo $avg;

?>

<br>Course Takken:<br>

</h4>

<?php

include("conn.php");

$sql = "select coursetaken.recordid AS id,courses.name AS Course\_Name,courses.number AS Course\_Number,coursetaken.grade AS Grade from courses, coursetaken where (coursetaken.studentid=".$id." AND courses.id=coursetaken.courseid AND coursetaken.states=0)";

//$result = mysqli\_query($link,$sql);

//echo $sql;

//$result = mysqli\_fetch\_array(mysqli\_query($link,$sql));

function showTable($link,$query){

$sql=$query;

$res = $link->query($sql);

//获取返回总行数和列数

echo "Find ".$res->num\_rows." record(s)";

//获取表头---从$res取出

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "<th>Action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td align='center'>$value</td>";

}

echo "<td><a href='delect\_admin.php?id=".$row[0]."' onclick='return checkdel()'>DELETE</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

}

showTable($link,$sql);

?>

<h4>

Course Taking at this term:<br>

</h4>

<?php

include("conn.php");

$sql = "select coursetaken.recordid AS id,courses.name AS Course\_Name,courses.number As Course\_Number from courses, coursetaken where (coursetaken.studentid=".$id." AND courses.id=coursetaken.courseid AND coursetaken.states=1)";

function showTable\_1($link,$query){

$sql=$query;

$res = $link->query($sql);

//获取返回总行数和列数

echo "Find ".$res->num\_rows." record(s)";

//获取表头---从$res取出

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "<th>action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td align='center'>$value</td>";

}

echo "<td><a href='delect.php' onclick='return checkdel()'>DELETE</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

}

showTable($link,$sql);

?>

<h4>

Course Taking at next term:<br>

</h4>

<?php

include("conn.php");

$sql = "select coursetaken.recordid AS id ,courses.name AS Course\_Name,courses.number AS Course\_Number from courses, coursetaken where (coursetaken.studentid=".$id." AND courses.id=coursetaken.courseid AND coursetaken.states=2)";

function showTable\_2($link,$query){

$sql=$query;

$res = $link->query($sql);

//获取返回总行数和列数

echo "Find ".$res->num\_rows." record(s)";

//获取表头---从$res取出

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "<th>action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td align='center'>$value</td>";

}

echo "<td><a href='delect.php' onclick='return checkdel()'>delect</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

}

showTable($link,$sql);

?>

<hr>

<fieldset>

<h4>Add a course for this student</h4>

<h4>Student's track is: <?php if($userdegreeplanid==3) echo "Data Science."; if($userdegreeplanid==4) echo "Networks and Telecommunication."; ?><br></h4>

Core course available for this track:<br><br>

<?php

include("conn.php");

if($userdegreeplanid==3)

$sql = "select id AS CourseID, number AS Course\_Number, name AS Course\_Name from courses where core=1 or core=3";

else if($userdegreeplanid==4)

$sql = "select id AS CourseID, number AS Course\_Number, name AS Course\_Name from courses where core=2";

$res = $link->query($sql);

$res = $link->query($sql);

//获取返回总行数和列数

//echo "Find ".$res->num\_rows." record(s)";

//获取表头---从$res取出

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "<th>Action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td align='center'>$value</td>";

}

echo "<td align='center'><a href='Add.php?courseid=".$row[0]."&userid=".$id."&core=1'>Add</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

?>

<br>

Elective Course for your track:<br>

Choose one from below:<br>

<?php

include("conn.php");

$sql = "select id AS CourseID, number AS Course\_Number, name AS Course\_Name from courses where core=0";

$res = $link->query($sql);

$res = $link->query($sql);

//获取返回总行数和列数

//echo "Find ".$res->num\_rows." record(s)";

//获取表头---从$res取出

echo "<table border=1><tr>";

while($field=$res->fetch\_field()){

echo "<th>{$field->name}</th>";

}

echo "<th>Action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value){

echo "<td align='center'>$value</td>";

}

echo "<td align='center'><a href='Add.php?courseid=".$row[0]."&userid=".$id."&core=0'>Add</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

?>

</div>

</fieldset>

</div>

<a href="#top">Back to top of page</a>

<hr>

<div id="footer" align="left">

UNIVERSITY LINKS<br>

<a href="course\_list.php">Course List</a>

<br>

<a href="Acknowledgment.php">Acknowledgment of Policies Form</a>

<div align="left">

© The University of Texas at Dallas<br>

</div>

</div>

</body>

</html>

**Makeappointment.php**

<?php

session\_start();

?>

<html>

<head>

<title>Admin Menu</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<link rel="stylesheet" type="text/css" href="index.css">

</head>

<body>

<div align="right" style="size: 8px">

<a href="login.html">Log Out</a>

</div>

<p >Graduate Computer Science Department </p>

<p align="center">The University of Texas at Dallas </p>

<hr/>

<div id=information align="left">

<?php

$var = isset($\_GET['id']) ? $\_GET['id'] : '';

if(isset($\_GET['id']))

{

if($\_GET['createrid']==$\_SESSION['userid'])

{

include("conn.php");

//检查用户名密码

$sql = "delete from appointment where appointmentid=".$\_GET['id'];

$sql\_2 = "delete from appointment\_student where appointmentid=".$\_GET['id'];

//echo $sql;

$result = mysqli\_query($link,$sql);

$result = mysqli\_query($link,$sql\_2);

if ($result)

{

echo "<script>alert('You have successfully delete an appointment!');</script>";

echo "<script>window.history.back();</script>";

}

else{

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

}

else

{

echo "<script>alert('You cant delete an appointment from another administrator!');</script>";

echo "<script>window.history.back();</script>";

}

}

else if(isset($\_GET['period\_id\_from\_student']))

{

include("conn.php");

$sql\_1 = "select \* from appointment\_student where student\_userid=".$\_SESSION['userid'];

$result\_1 = mysqli\_query($link,$sql\_1);

$var = $result\_1->num\_rows;

if($var!=0)

{

echo "<script>alert('You cant register more than one appoinment at the same time!');</script>";

echo "<script>window.history.back();</script>";

}

else

{

$sql = "update appointment\_student set student\_userid=".$\_SESSION['userid'].",occupied=1, student\_name='".$\_SESSION['username']."' where period\_id=".$\_GET['period\_id\_from\_student'];

//echo $sql;

$result = mysqli\_query($link,$sql);

if ($result)

{

echo "<script>alert('You have successfully registered an appointment!');</script>";

echo "<script>window.history.back();</script>";

}

else{

echo $sql;

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

}

}

else if(isset($\_GET['student\_delete']))

{

include("conn.php");

$sql\_1 = "delete from appointment\_student where period\_id=".$\_GET['student\_delete'];

$result\_1 = mysqli\_query($link,$sql\_1);

if($result\_1)

{

echo "<script>alert('You have successfully delete an appointment!');</script>";

echo "<script>window.history.back();</script>";

}

else{

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

}

else if(isset($\_GET['period\_id']))

{

include("conn.php");

$sql = "delete from appointment\_student where period\_id=".$\_GET['period\_id'];

//echo $sql;

$result = mysqli\_query($link,$sql);

if ($result)

{

echo "<script>alert('You have successfully delete an appointment!');</script>";

echo "<script>window.history.back();</script>";

}

else{

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

}

else{

//echo $\_GET['Title'];

//echo $\_GET['date'];

//echo $\_GET['date\_2'];

//echo $\_GET['Description'];

$start=$\_GET['date'];

$end=$\_GET['date\_2'];

$Author=$\_SESSION['username'];

$descrp = $\_GET['Description'];

if(isset($\_GET['Title']))

{

include("conn.php");

$sql="select appointmentid from appointment where (start='".$start."' and creater='".$Author."')";

$result\_11 = mysqli\_query($link,$sql);

if(mysqli\_num\_rows($result\_11)!=0)

{

echo "<script>alert('You cant create 2 appointments in one day!');</script>";

echo "<script>window.history.back();</script>";

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

$Date\_1 = $start;

$Date\_2 = $end;

$Date\_List\_a1 = explode("/",$Date\_1);

$Date\_List\_a2 = explode("/",$Date\_2);

$year\_2=$Date\_List\_a2[0];

$month\_2=$Date\_List\_a2[1];

$dayandtime\_2=explode(" ",$Date\_List\_a2[2]);

$day\_2 = $dayandtime\_2[0];

$time\_2 = $dayandtime\_2[1];

$time\_list\_2 = explode(":",$time\_2);

$hour\_2 = $time\_list\_2[0];

$minute\_2 = $time\_list\_2[1];

$year\_1=$Date\_List\_a1[0];

$month\_1=$Date\_List\_a1[1];

$dayandtime\_1=explode(" ",$Date\_List\_a1[2]);

$day\_1 = $dayandtime\_1[0];

$time\_1 = $dayandtime\_1[1];

$time\_list\_1 = explode(":",$time\_1);

$hour\_1 = $time\_list\_1[0];

$minute\_1 = $time\_list\_1[1];

$d=$day\_2-$day\_1;

$period=$time\_2-$time\_1;

if($d!=0)

{

echo "<script>alert('You cant create an appointment which last more than one day!');</script>";

echo "<script>window.history.back();</script>";

}

else

{

//访问数据库，进行连接

include("conn.php");

//检查用户名密码

$sql = "INSERT INTO appointment VALUES (NULL, 'Test\_1', '".$Author."', '".$\_SESSION['userid']."','".$start."', '".$end."', '".$descrp."');";

$result = mysqli\_query($link,$sql);

if ($result)

{

include("conn.php");

$sql="select appointmentid from appointment where (start='".$start."' and creater='".$Author."')";

//echo $sql;

$res = $link->query($sql);

$row = $res->fetch\_row();

$appointmentid=$row[0];

//echo $row[0];

//echo $time\_1." ".$time\_2;

//echo $hour\_1." ".$hour\_2." ".$minute\_1." ".$minute\_2;

$dur = ($hour\_2-$hour\_1)\*60+$minute\_2+$minute\_1;

//echo "dur:".$dur;

$count=$period/0.5;

//echo "period:".$period;

for($i=0;$i\*30<$dur;$i++)

{

$min=$i\*30;

$sql = "INSERT INTO appointment\_student VALUES (NULL, '".$appointmentid."', '".$Author."', '".$\_SESSION['userid']."', DATE\_ADD('".$start."', INTERVAL $min MINUTE), NULL, '0',NULL);";

//echo $sql;

$res = $link->query($sql);

}

echo "<script>alert('You have successfully registered an appointment!');</script>";

echo "<script>window.history.back();</script>";

}

else{

exit('failed! click here to <a href="javascript:history.back(-1);">retry</a>');

}

}

}

}

?>

</div>

<br><br><br><br>

<hr>

<div id="footer" align="left">

UNIVERSITY LINKS<br>

<a href="course\_list.php">Course List</a>

<br>

<a href="Acknowledgment.php">Acknowledgment of Policies Form</a>

<div align="left">

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</div>

</div>

</body>

</html>

**Appointment.php**

<?php

session\_start();

?>

<html>

<head>

<title>Appointment Management</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<link rel="stylesheet" type="text/css" href="index.css">

<link rel="stylesheet" type="text/css" href="./jquery.datetimepicker.css"/>

<style type="text/css">

.custom-date-style {

background-color: red !important;

}

.input{

}

.input-wide{

width: 500px;

}

</style>

<script language="javascript">

function checkdel()

{if (confirm("Are you sure you want to delete this？"))

{return (true);}

else

{return (false);}

}

</script>

</head>

<body>

<div align="right" style="size: 8px">

<a href="login.html">Log Out</a>

</div>

<p >Graduate Computer Science Department </p>

<p align="center">The University of Texas at Dallas </p>

<hr/>

<div id=information align="left">

<h3>

Appointment Management

<br/>

</h3>

<h4>

<fieldset>

Current Appointment

<hr>

<?php

include("conn.php");

$sql = "select appointmentid AS ID, title AS Title, creater AS Creater, createrid AS CreaterID, start AS Start\_Date, end AS End\_Date from appointment";

$res = $link->query($sql);

//获取返回总行数和列数

echo "".$res->num\_rows." appointments record(s) found in database!";

//获取表头---从$res取出

echo "<table border=2><tr>";

while($field=$res->fetch\_field())

{

echo "<th>{$field->name}</th>";

}

echo "<th>Action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value)

{

echo "<td align='center'>$value</td>";

}

echo "<td><a href='makeappointment.php?id=".$row[0]."&&createrid=".$row[3]."' onclick='return checkdel()'>DELETE</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

?>

</fieldset>

</h4>

<h4>

<fieldset>

Create An Appointment:<br>

<h5>

<hr>

<form action="makeappointment.php" method="GET">

Title:<br>

<input type="text" name="Title" value="Set a Title"><br>

<br>

Date Period:<br>

<input type="text" value="" id="datetimepicker" name="date"/> - <input type="text" value="" id="datetimepicker\_1" name="date\_2"/><br>

<br>Despription:<br>

<textarea name="Description" cols="49" rows="4">

Set Appintment Description Here.

</textarea> <br>

<br>

<input type="submit" name="asd" value=" Create Appointment ">

</form>

<h5>

</fieldset>

</h4>

<h4>

<fieldset>

Manage Student Appointments

<?php

include("conn.php");

$sql = "select period\_id AS Apointment\_ID, appointmentid AS Date\_ID, student\_userid AS Student\_ID,student\_name AS Student\_Name, appoinmentdate AS Start\_Time, occupied AS Registed from appointment\_student where advisor\_userid=".$\_SESSION['userid'].";";

//echo $sql;

$res = $link->query($sql);

//获取返回总行数和列数

echo "".$res->num\_rows." students appointments record(s) found in database!";

//获取表头---从$res取出

echo "<table border=2><tr>";

while($field=$res->fetch\_field())

{

echo "<th>{$field->name}</th>";

}

echo "<th>Action</th>";

echo "</tr>";

//循环取出数据

while($row=$res->fetch\_row()){

echo "<tr>";

foreach($row as $value)

{

echo "<td align='center'>$value</td>";

}

echo "<td><a href='makeappointment.php?period\_id=".$row[0]."' onclick='return checkdel()'>DELETE</a></td>";

echo "</tr>";

}

echo "</table>";

$res->free();

?>

</fieldset>

</h4>

</div>

<br><br><br><br>

<hr>

<div id="footer" align="left">

UNIVERSITY LINKS<br>

<a href="course\_list.php">Course List</a>

<br>

<a href="Acknowledgment.php">Acknowledgment of Policies Form</a>

<div align="left">

© The University of Texas at Dallas<br>

</div>

</div>

</body>

<script src="./jquery.js"></script>

<script src="build/jquery.datetimepicker.full.js"></script>

<script>/\*

window.onerror = function(errorMsg) {

$('#console').html($('#console').html()+'<br>'+errorMsg)

}\*/

$.datetimepicker.setLocale('en');

$('#datetimepicker\_format').datetimepicker({value:'2016/08/20 05:00', format: $("#datetimepicker\_format\_value").val()});

console.log($('#datetimepicker\_format').datetimepicker('getValue'));

$("#datetimepicker\_format\_change").on("click", function(e){

$("#datetimepicker\_format").data('xdsoft\_datetimepicker').setOptions({format: $("#datetimepicker\_format\_value").val()});

});

$("#datetimepicker\_format\_locale").on("change", function(e){

$.datetimepicker.setLocale($(e.currentTarget).val());

});

$('#datetimepicker').datetimepicker({

dayOfWeekStart : 1,

lang:'en',

disabledDates:['1986/01/08','1986/01/09','1986/01/10'],

startDate: '2016/08/20'

});

$('#datetimepicker').datetimepicker({value:'2016/08/20 15:00',step:10});

$('#datetimepicker\_1').datetimepicker({value:'2016/08/20 17:00',step:10});

$('.some\_class').datetimepicker();

$('#default\_datetimepicker').datetimepicker({

formatTime:'H:i',

formatDate:'d.m.Y',

//defaultDate:'8.12.1986', // it's my birthday

defaultDate:'+03.01.1970', // it's my birthday

defaultTime:'10:00',

timepickerScrollbar:false

});

$('#datetimepicker10').datetimepicker({

step:5,

inline:true

});

$('#datetimepicker\_mask').datetimepicker({

mask:'9999/19/39 29:59'

});

$('#datetimepicker1').datetimepicker({

datepicker:false,

format:'H:i',

step:5

});

$('#datetimepicker2').datetimepicker({

yearOffset:222,

lang:'ch',

timepicker:false,

format:'d/m/Y',

formatDate:'Y/m/d',

minDate:'-1970/01/02', // yesterday is minimum date

maxDate:'+1970/01/02' // and tommorow is maximum date calendar

});

$('#datetimepicker3').datetimepicker({

inline:true

});

$('#datetimepicker4').datetimepicker();

$('#open').click(function(){

$('#datetimepicker4').datetimepicker('show');

});

$('#close').click(function(){

$('#datetimepicker4').datetimepicker('hide');

});

$('#reset').click(function(){

$('#datetimepicker4').datetimepicker('reset');

});

$('#datetimepicker5').datetimepicker({

datepicker:false,

allowTimes:['12:00','13:00','15:00','17:00','17:05','17:20','19:00','20:00'],

step:5

});

$('#datetimepicker6').datetimepicker();

$('#destroy').click(function(){

if( $('#datetimepicker6').data('xdsoft\_datetimepicker') ){

$('#datetimepicker6').datetimepicker('destroy');

this.value = 'create';

}else{

$('#datetimepicker6').datetimepicker();

this.value = 'destroy';

}

});

var logic = function( currentDateTime ){

if (currentDateTime && currentDateTime.getDay() == 6){

this.setOptions({

minTime:'11:00'

});

}else

this.setOptions({

minTime:'8:00'

});

};

$('#datetimepicker7').datetimepicker({

onChangeDateTime:logic,

onShow:logic

});

$('#datetimepicker8').datetimepicker({

onGenerate:function( ct ){

$(this).find('.xdsoft\_date')

.toggleClass('xdsoft\_disabled');

},

minDate:'-1970/01/2',

maxDate:'+1970/01/2',

timepicker:false

});

$('#datetimepicker9').datetimepicker({

onGenerate:function( ct ){

$(this).find('.xdsoft\_date.xdsoft\_weekend')

.addClass('xdsoft\_disabled');

},

weekends:['01.01.2014','02.01.2014','03.01.2014','04.01.2014','05.01.2014','06.01.2014'],

timepicker:false

});

var dateToDisable = new Date();

dateToDisable.setDate(dateToDisable.getDate() + 2);

$('#datetimepicker11').datetimepicker({

beforeShowDay: function(date) {

if (date.getMonth() == dateToDisable.getMonth() && date.getDate() == dateToDisable.getDate()) {

return [false, ""]

}

return [true, ""];

}

});

$('#datetimepicker12').datetimepicker({

beforeShowDay: function(date) {

if (date.getMonth() == dateToDisable.getMonth() && date.getDate() == dateToDisable.getDate()) {

return [true, "custom-date-style"];

}

return [true, ""];

}

});

$('#datetimepicker\_dark').datetimepicker({theme:'dark'})

</script>

</html>

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason for Changes** | **Version** |
| **Kainan Xu** | **July 18, 2016** | **Initial draft** | **1.0 draft 1** |
| **Kainan Xu** | **July 26, 2016** | **Fix some typesetting issues** | **1.0 draft 2** |
| **Kainan Xu** | **July 31, 2016** | **Finalize documentations** | **1.0** |