

Code Documentation

Table of Contents

Index

Student Menu

Teacher Menu

Admin Menu

Header

Secure Connection

Valid Admin

CSS Created by jQuery Mobile:

Additional CSS

Index:

```
// Start session management and include necessary functions
```

```
session_start();
```

```
require('model/database.php');
```

```
require('model/login_db.php');
```

```
require('model/admin_db.php');
```

```
// Get the action to perform
```

```
if (isset($_POST['action'])) {
```

```
    $action = $_POST['action'];
```

```
} else if (isset($_GET['action'])) {
```

```
    $action = $_GET['action'];
```

```
} else {
```

```
    $action = 'show_admin_menu';
```

```
}
```

```

// If the user isn't logged in, force the user to login
if (!isset($_SESSION['is_valid_admin'])) {
    $action = 'login';
}

// Perform the specified action
switch($action) {
    case 'login':
        $user_name = $_POST['user_name'];
        $password = $_POST['password'];
        $salt = 'f23g5h7d1k';
        $password = ($salt.$password);
        $user_permission = is_valid_login($user_name, $password);

        if ($user_permission == 'A') {
            include('views/admin_menu.php');
        }
        else if ($user_permission == 'T') {
            include('views/teacher_menu.php');
        }
        else if ($user_permission == 'S') {
            include('views/student_menu.php');
        }
        else {
            $login_message = 'You must login to view this page.';
            include('views/login.php');
        }
    }

```

```

break;

case 'logout':
    $_SESSION = array(); // Clear all session data from memory
    session_destroy(); // Clean up the session ID
    $login_message = 'You have been logged out.';
    include('views/login.php');
    break;
}

```

Student menu:

```

//log in

$conn = mysql_connect("localhost", "admin", "password");

if (!$conn) {
    echo "Unable to connect to DB: " . mysql_error();
    exit;
}

if (!mysql_select_db("class_scheduler")) {
    echo "Unable to select class_scheduler: " . mysql_error();
    exit;
}

// finding classes for user

$sql = "Select cs_classes.class_id, cs_classes.class_name, cs_classes.class_code,
cs_classes.class_start_time, cs_classes.class_end_time
FROM cs_classes
INNER JOIN cs_student_enrollment

```

```

        on cs_classes.class_id = cs_student_enrollment.class_id
        Inner join cs_students
on cs_students.student_id = cs_student_enrollment.student_id
inner join cs_users
on cs_students.student_id = cs_users.user_id
where cs_users.user_name = '$user_name';

$student_classes = mysql_query($sql);

```

Teacher menu:

// log into server

```

$conn = mysql_connect("localhost", "admin", "password");

if (!$conn) {
echo "Unable to connect to DB: " . mysql_error();
exit;
}

if (!mysql_select_db("class_scheduler")) {
echo "Unable to select class_scheduler: " . mysql_error();
exit;
}

// creates user's classes

$sql = "Select cs_classes.class_id, cs_classes.class_name, cs_classes.class_code,
cs_classes.class_start_time, cs_classes.class_end_time
FROM cs_classes
INNER JOIN cs_teachers
on cs_classes.teacher_id = cs_teachers.teacher_id
INNER JOIN cs_users

```

```
on cs_users.user_id = cs_teachers.teacher_id

Where cs_users.user_name = '$user_name' ";

$teacher_classes = mysql_query($sql);
```

Admin Menu:

```
// connect to database
```

```
$conn = mysql_connect("localhost", "admin", "password");
```

```
if (!$conn) {
```

```
echo "Unable to connect to DB: " . mysql_error();
```

```
exit;
```

```
}
```

```
if (!mysql_select_db("class_scheduler")) {
```

```
echo "Unable to select class_scheduler: " . mysql_error();
```

```
exit;
```

```
}
```

```
// find all data for tables
```

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

```
$student_result = mysql_query($sql);
```

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

```
$teacher_result = mysql_query($sql);
```

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

```
$class_result = mysql_query($sql);
```

```
//search function
```

```

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

    if(isset($_GET['go'])){

        if(preg_match("/^[ a-zA-Z]+/", $_POST['name'])){

            $name=$_POST['name'];

            //connect to the database

            $db=mysql_connect ("localhost", "admin", "password") or die ('I cannot connect to the
database because: ' . mysql_error());

            //select the database to use

            $mydb=mysql_select_db("class_scheduler");

            //query the database table

            $sql="SELECT student_id, student_firstname, student_lastname FROM cs_students WHERE
student_firstname LIKE '%" . $name . "%' OR student_lastname LIKE '%" . $name . "%'";

            //run the query against the mysql query function

            $result=mysql_query($sql);

            //create while loop and loop through result set

            while($row=mysql_fetch_array($result)){

                $FirstName = $row['student_firstname'];

                $LastName= $row['student_lastname'];

                $ID= $row['student_id'];

                //display the result of the array

                echo "<ul>\n";

                echo "<li>" . "<a href=\"search.php?id=$ID\">" . $FirstName . " " . $LastName . "</a></li>\n";

                echo "</ul>";

            }

        }

    }

    else{

        echo "<p>Please enter a search query</p>";

    }

}

```

```
}
```

Header:

```
$(document).ready(function() {
```

```
    // page is now ready, initialize the calendar
```

```
        var date = new Date();
```

```
        var d = date.getDate();
```

```
        var m = date.getMonth();
```

```
        var y = date.getFullYear();
```

```
        $('#calendar').fullCalendar({
```

```
            // put your options and callbacks here
```

```
                header: {
```

```
                    left: 'prev,next today',
```

```
                    center: 'title',
```

```
                    right: 'agendaWeek, agendaDay'
```

```
                },
```

```
                theme: {
```

```
                    default: true
```

```
                },
```

```
                defaultView: 'agendaWeek',
```

```
                editable: true,
```

```
            events: [
```

```
                {
```

```
                    title: 'All Day Event',
```

```
                    start: new Date(y, m, 1)
```

```
                },
```

```
                {
```

```
        title: 'Long Event',
        start: new Date(y, m, d-5),
        end: new Date(y, m, d-2)
    },
    {
        id: 999,
        title: 'Repeating Event',
        start: new Date(y, m, d-3, 16, 0),
        allDay: false
    },
    {
        id: 999,
        title: 'Repeating Event',
        start: new Date(y, m, d+4, 16, 0),
        allDay: false
    },
    {
        title: 'Meeting',
        start: new Date(y, m, d, 10, 30),
        allDay: false
    },
    {
        title: 'Lunch',
        start: new Date(y, m, d, 12, 0),
        end: new Date(y, m, d, 14, 0),
        allDay: false
    },
    {
        title: 'Birthday Party',
```



```

        start: new Date(y, m, d+1, 19, 0),
        end: new Date(y, m, d+1, 22, 30),
        allDay: false
    },
    {
        title: 'Click for Google',
        start: new Date(y, m, 28),
        end: new Date(y, m, 29),
        url: 'http://google.com/'
    }
]
});

```

```
});
```

Secure Connection:

```

// make sure the page uses a secure connection
if (!isset($_SERVER['HTTPS'])) {
    $url = 'https://' . $_SERVER['HTTP_HOST'] . $_SERVER['REQUEST_URI'];
    header("Location: " . $url);
    exit();
}

```

Valid Admin:

```

// make sure the user is logged in as a valid administrator
if (!isset($_SESSION['is_valid_admin'])) {
    header("Location: ." );
}

```

CSS Created by jQuery Mobile:

****LEFT OUT SINCE CREATED BY THEME ROLLER****

Additional CSS:

```
img, video, canvas {  
    max-width: 100%;  
}
```

```
#main {  
    width: 95%;  
    margin: 0 auto;  
}
```

```
table {  
    border: 2px solid black;  
    margin: 0 auto;  
  
}
```

```
table td {  
    border: 1px solid black;  
  
}
```

```
@media screen and (min-width: 1024px) {  
    #page {  
        margin: 0 auto;  
        width: 1024px;  
  
    }
```