

## Code Documentation

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### **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'];

        $user_permission = is_valid_login($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;  
    }  
}
```