



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring 2022-2023

Project Title: NATIONAL SCHOOL MANAGEMENT SYSTEM (NSMS)

Section: H

Group: Write Your Group Here

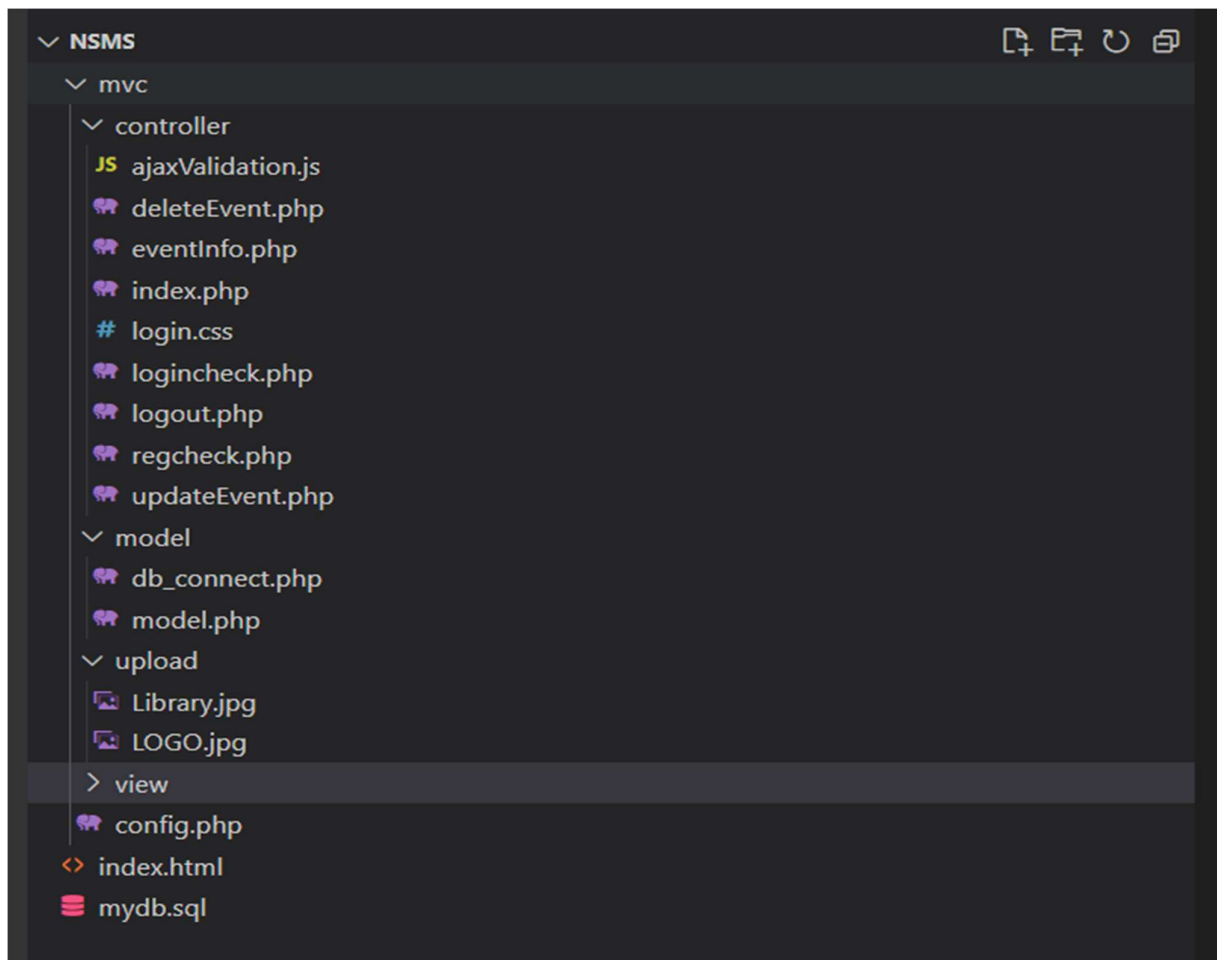
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NATIONAL SCHOOL MANAGEMENT SYSTEM (NSMS)

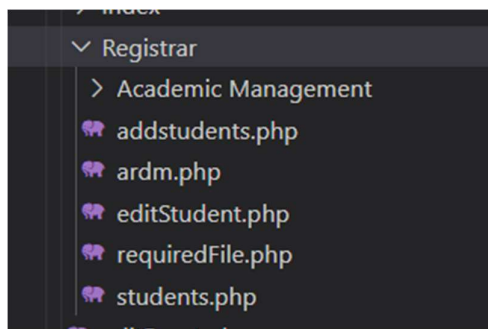
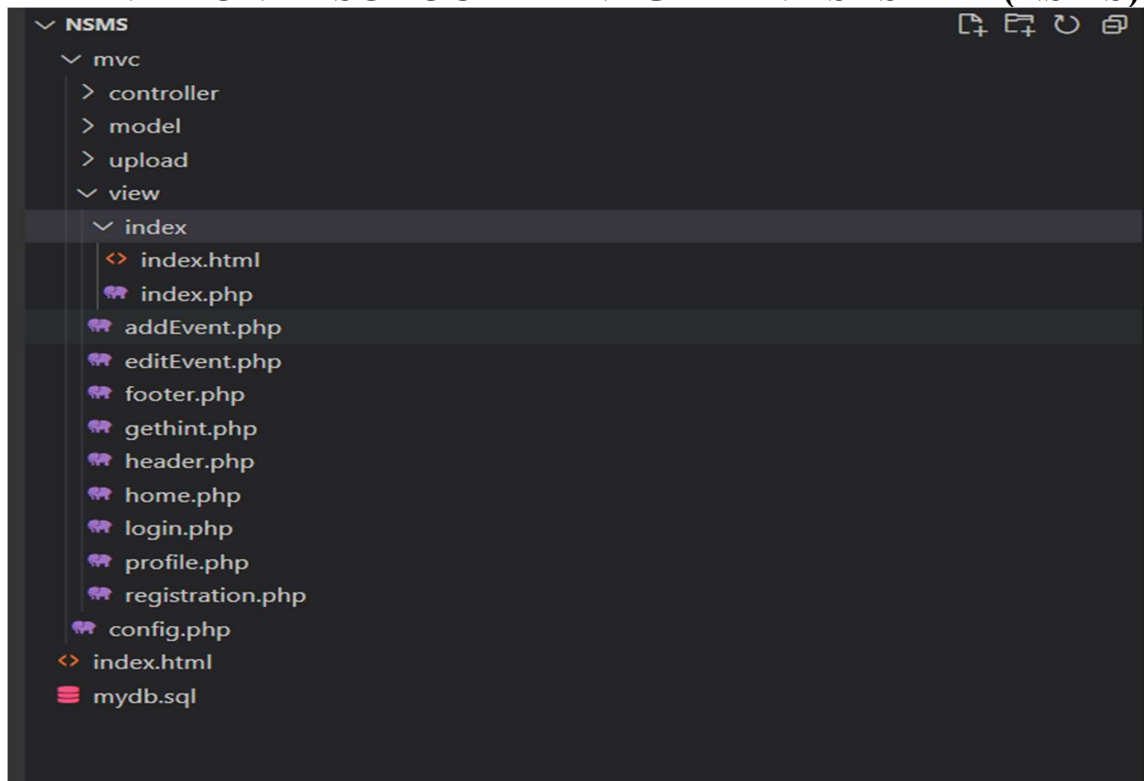
Project Description:

The National School Management System is a web-based application designed to simplify school management processes and provide a platform for communication and collaboration among students, teachers, and parents. The system will enable students to register for classes, update their personal information, and track their academic progress. Teachers will be able to take attendance, enter grades, and communicate with students and parents. Parents will be able to view their child's attendance, grades, and communicate with teachers. The system will be developed using PHP, JavaScript, AJAX, and CSS to create a user-friendly interface. The system will store data in a database with user authentication measures in place to ensure security.

Project Folder Structure:



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Picture : MVC model



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Core Modules of the Project:

Profile.php

```
<!DOCTYPE html>
<html>
<body>

    <div style="text-align : center;">
    <h2 style="color:red">Start Typing Features</h2>

    <h3>Suggestions: <span id="txtHint"></span></h3>
    <h3 style="color:#000080">Features Name: <input type="text" id="txt1"
        onkeyup="showHint(this.value)"></h3>

    </div>

    <script>
    function showHint(str) {
        if (str.length == 0) {

document.getElementById("txtHint").innerHTML = "";
            return;
        }
        const xhttp = new XMLHttpRequest();
        xhttp.onload = function() {
            document.getElementById("txtHint").innerHTML =
                this.responseText;
        }
        xhttp.open("GET", "gethint.php?q="+str);
        xhttp.send();
    }
    </script>

    </body>
</html>

<?php include ("header.php"); ?>

    <?php
    session_start();

    if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
        header("location: login.php");
        exit;
    }
    ?>
```



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```
<?php
require_once '../controller/eventInfo.php';

$events = fetchALLEvent();

?>

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Welcome</title>
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<style>
    body{ font: 14px sans-serif;
background-image: url('../upload/Library.jpg'); }
    .wrapper{ width: 360px; padding: 20px; }
        #customers {
font-family: Arial, Helvetica, sans-serif;
border-collapse: collapse;
width: 100%;
}

#customers td, #customers th {
border: 1px solid #ddd;
padding: 8px;
}

#customers tr:nth-child(even){background-color: #f2f2f2;}

#customers tr:hover {background-color: #ddd;}

#customers th {
padding-top: 12px;
padding-bottom: 12px;
text-align: left;
background-color: #04AA6D;
color: white;

}

</style>
</head>
<body>
<h1 class="my-3">Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b>. Welcome!!</h1>
<p>
<a href="../controller/logout.php" class="btn btn-danger ml-1">Sign Out of
Your Account</a>
</p>
<table id="customers">
<thead>
<tr>
```



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```
<th>Name</th>

<th>Event</th>
<th>Payment</th>
<th>Approval Status</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<?php foreach ($events as $i => $event): ?>
    <tr>
        <td><?php echo $event['client_name'] ?></td>
        <td><?php echo $event['event_name'] ?></td>
        <td><?php echo $event['price'] ?></td>
        <td><?php if ($event['approval_status'] == 0) {
            echo "Not Approved";
        }
        else {
            echo "Approved";
        } ?></td>
        <td><a href="editEvent.php?id=<?php echo $event['id']
?>">Edit</a>&nbsp;<a href=" ../controller/deleteEvent.php?id=<?php echo $event['id'] ?>"
onclick="return confirm('Are you sure want to delete this ?')">Delete</a></td>
    </tr>
<?php endforeach; ?>

</tbody>

</table>
</body>
</html>
```

```
<?php
include (" ../view/footer.php");
?>
```

reqCheck.php

```
<?php

require_once " ../config.php";

$username = $password = $confirm_password = "";
$username_err = $password_err = $confirm_password_err = "";

if($_SERVER["REQUEST_METHOD"] == "POST"){

    if(empty(trim($_POST["username"]))) {
        $username_err = "Please enter a username.";
```



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```
} elseif(!preg_match('/^[a-zA-Z0-9_]+$/', trim($_POST["username"]))) {
    $username_err = "Username can only contain letters, numbers, and
        underscores.";
    } else{

        $sql = "SELECT id FROM users WHERE username = ?";

        if($stmt = mysqli_prepare($link, $sql)){

            mysqli_stmt_bind_param($stmt, "s", $param_username);

            $param_username = trim($_POST["username"]);

            if(mysqli_stmt_execute($stmt)){

                mysqli_stmt_store_result($stmt);

                if(mysqli_stmt_num_rows($stmt) == 1){
                    $username_err = "This username is already taken.";
                } else{
                    $username = trim($_POST["username"]);
                }
            } else{
                echo "Oops! Something went wrong. Please try again later.";
            }

            mysqli_stmt_close($stmt);
        }
    }

    if(empty(trim($_POST["password"]))) {
        $password_err = "Please enter a password.";
    } elseif(strlen(trim($_POST["password"])) < 6){
        $password_err = "Password must have atleast 6 characters.";
    } else{
        $password = trim($_POST["password"]);
    }

    if(empty(trim($_POST["confirm_password"]))) {
        $confirm_password_err = "Please confirm password.";
    } else{
        $confirm_password = trim($_POST["confirm_password"]);
        if(empty($password_err) && ($password != $confirm_password)){
            $confirm_password_err = "Password did not match.";
        }
    }

    if(empty($username_err) && empty($password_err) && empty($confirm_password_err)){
```



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```
$sql = "INSERT INTO users (username, password) VALUES (?, ?)";

if($stmt = mysqli_prepare($link, $sql)){

mysqli_stmt_bind_param($stmt, "ss", $param_username, $param_password);

$param_username = $username;
$param_password = password_hash($password, PASSWORD_DEFAULT); // Creates a
password hash

if(mysqli_stmt_execute($stmt)){

header("Location: ../view/profile.php");
    } else{
echo "Oops! Something went wrong. Please try again later.";
    }

mysqli_stmt_close($stmt);
    }
}

mysqli_close($link);
}
```

?>

model.php

<?php

```
require_once 'db_connect.php';
```

```
function showALLEvent(){
    $conn = db_conn();
$selectQuery = 'SELECT * FROM `events` ';
    try{
        $stmt = $conn->query($selectQuery);
    }catch(PDOException $e){
        echo $e->getMessage();
    }
$rows = $stmt->fetchAll(PDO::FETCH_ASSOC);
    return $rows;
}
```

```
function showEvent($id){
    $conn = db_conn();
$selectQuery = "SELECT * FROM `events` where ID = ?";
```



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```
        try {
            $stmt = $conn->prepare($selectQuery);
            $stmt->execute([$id]);
        } catch (PDOException $e) {
            echo $e->getMessage();
        }
        $row = $stmt->fetch(PDO::FETCH_ASSOC);

        return $row;
    }

    function updateEvent($id, $data){
        $conn = db_conn();
        $selectQuery = "UPDATE events set client_name = ?, event_name = ?, price = ?,
        approval_status = ? where ID = ?";
        try{
            $stmt = $conn->prepare($selectQuery);
            $stmt->execute([
                $data['client_name'], $data['event_name'],
                $data['price'], $data['approval_status'], $id
            ]);
        }catch(PDOException $e){
            echo $e->getMessage();
        }

        $conn = null;
        return true;
    }

    function deleteEvent($id){
        $conn = db_conn();
        $selectQuery = "DELETE FROM `events` WHERE `ID` = ?";
        try{
            $stmt = $conn->prepare($selectQuery);
            $stmt->execute([$id]);
        }catch(PDOException $e){
            echo $e->getMessage();
        }
        $conn = null;

        return true;
    }
}
```



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C02 and C04 Evaluation: Project Report Evaluation					
Completeness (5)	Validation (5)	Feature Implementation (5)	Concept Understanding (5)	Promptness (5)	Total (25)

