



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Fall 2020-2021

Project Title: Hospital Management System
Section: H

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Hospital Management System

Project Description:

The purpose of the project entitled as “Hospital Management System” is to computerize the Management system of a Hospital to develop web application which is user friendly, simple, fast, and cost-effective. It deals with the collection of patient’s information, doctor’s information, online appointment and much more features. Traditionally, it was done manually. The main function of the system is register and store patient details and doctor details and retrieve these details as and when required, and also to manipulate these details meaningfully. Our main focus is design a unique Hospital Management System that will improve hospital experience for both patients and the hospital authorities. The whole system will run on internet.

There are 4-types of Users here. They are:

- Admin
- Doctor
- Nurse
- Patient

Feature List:

In this project the “Admin” has the following features:

- Can add or remove doctor/ nurse.
- Can verify doctor/ nurse/clerk profiles -- Can block doctor/ nurse/clerk
- Can manipulate hospital information (edit-delete-view etc.) etc...
- Can manage patient appointment.
- Can view reports of patients

In this project the “Doctor” has the following features:

- Can see patient’s appointment history.
- Can search patient with the help of patient name and mobile number.
- Can provide medication for patients.
- Provide medication for patients.

In this project the “Nurse” has the following features:

- Can keep record of patient operation, baby born and death of patient.
- Can inform doctor in emergency situation.
- Can allot bed, ward, and cabin for patients.
- Can provide medication according to patient prescription.

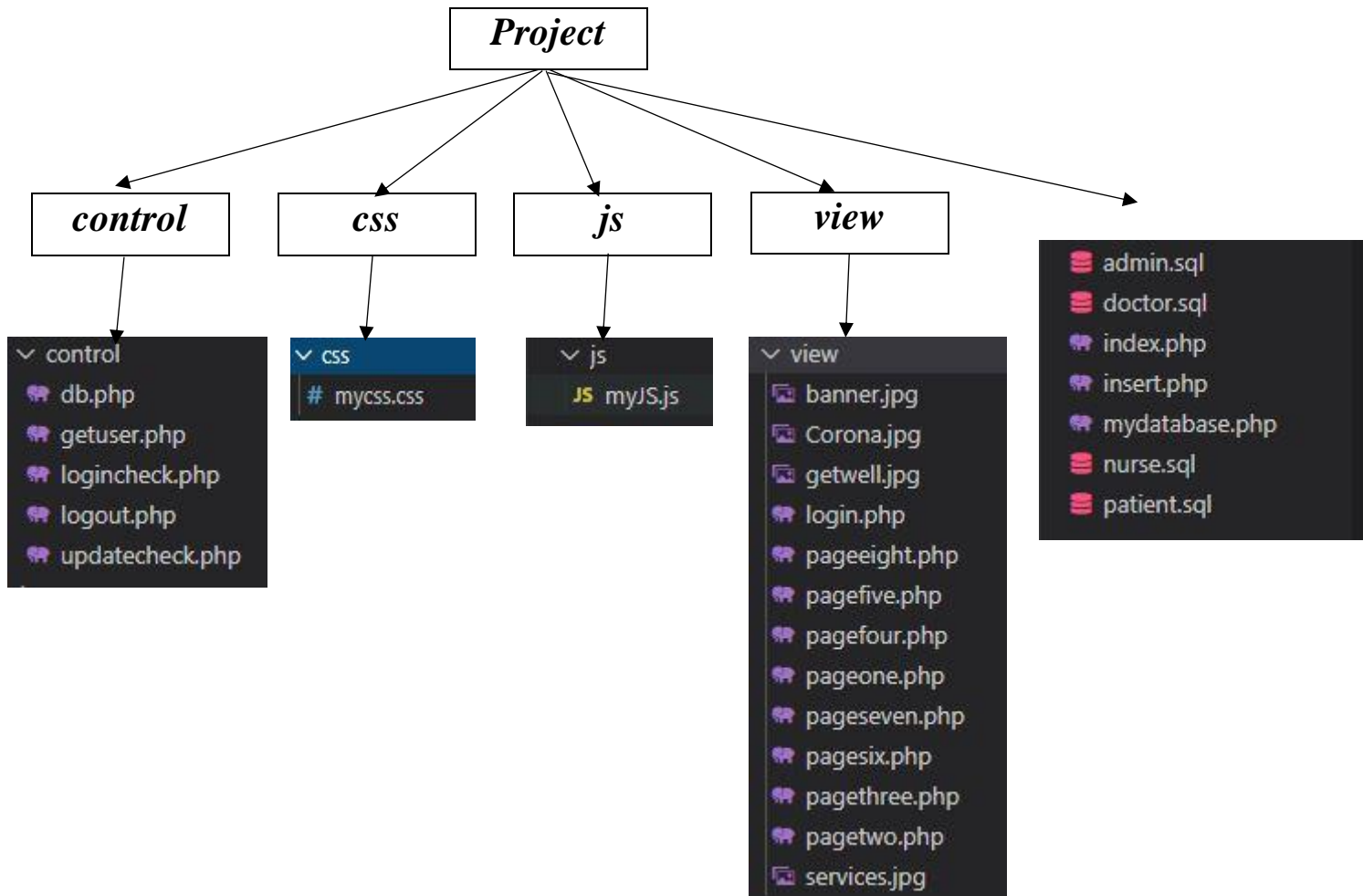
In this project the “Patient” has the following features:

- Can view prescription details.
- Can make an appointment with the doctor.
- Can view blood bank status.
- Can view report and bill.



Hospital Management System

Project Folder Structure:



Hospital Management System

Core Modules of the Project:

Login.php

```
<?php
include('../control/logincheck.php');

if(isset($_SESSION['username'])){
header("location: pageone.php");
}
?>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="../css/mycss.css">
<script src="../js/myjs.js"></script>
</head>
<body>
<!--<div class="header">-->
</div>
<div class="sticky">
<div class="topnav">
  <a href="login.php">Home</a>
  <a href="pageseven.php">About US</a>
  <a href="pageeight.php">Coronavirus Safety Guide</a>
  <a href="#">Hotline:- 998774</a>
</div>
</div>
<p>  </p>

<h2>Login</h2>

<p id="mytext"></p>

<form name="myForm" action="" onsubmit="return validateForm()" method="post">
  <input type="text" id="username" name="username" placeholder="Enter your username" >
  <input type="password" id="password" name="password" placeholder="Enter your password"
  >
  <!-- <input type="radio" name="colors" id="red">Red<br>
  <input type="radio" name="colors" id="blue">Blue<br> -->
  <input name="submit" type="submit" value="LOGIN">
</form>
<br>

<!-- <form action="" method="post">
```



Hospital Management System

```
<input type="text" name="username" placeholder="Enter your username" required>
  <br>
  <br>
  <input type="password" name="password" placeholder="Enter your password" required>
  <br>
  <br>
  <input type="email" name="email" placeholder="Enter your email" required>
  <br>
  <br>
  <input type="phone no" name="phone no" placeholder="Enter your phone no" required>
  <br>
  <br>
  Select gender
  <input type="radio" name="gender" value="female">Female
  <input type="radio" name="gender" value="male">Male
  <input type="radio" name="gender" value="other">Other
  <br><br>
  <input name="submit" type="submit" value="LOGIN">
</form> -->
<p>  </p>

<h3> <center> We are committed to provide affordable services, without any
compromise on the quality of service - so that you are able to remain happy. </center></h3>
>
<br>

<h2> <center> Imaging      </center></h2>

  <header> <center> Popular Diagnostic Centre Ltd. is an advanced Centre providing the
    diagnostic imaging services in an elevated ambience, completed by service and report e
    fficiency. </center></header>

  <br>
  <br>

  <h2> <center> Pathology      </center></h2>

  <header> <center> Our Pathology division offers a comprehensive range of laboratory tests
  for diagnosis, management
  and prevention of a wide variety of diseases. </center></header>

<?php echo $error; ?>

</body>
</html>
```



Hospital Management System

getuser.php

```
<?php
include('db.php');

$user = $_POST['username'];

if($user!="")
{

$connection = new db();
$conobj=$connection->OpenCon();

$userQuery=$connection->GetUserByUsername($conobj,"doctor",$user );

if ($userQuery->num_rows > 0) {
    echo "<table><tr><th>Name</th><th>Email</th><th></th><th>Gender</th><th></th><th>Address</th><th></th><th>Profession</th></tr>";
    // output data of each row
    while($row = $userQuery->fetch_assoc()) {
        echo "<tr><td>".$row["username"]."</td><td>".$row["email"]."</td><td></td><td>".$row["gender"]."</td><td></td><td>".$row["address"]."</td><td></td><td>".$row["profession"]."</td></tr>";
    }
    echo "</table>";
} else {
    echo "0 results";
}
}
```



Hospital Management System

pagetwo.php

```
<?php
include('../control/db.php');
session_start();

if(empty($_SESSION["username"])) // Destroying All Sessions
{
header("Location: ../control/login.php"); // Redirecting To Home Page
}
?>

<!DOCTYPE html>
<html>
<body>
<p>  </p>
<h2> Find a Doctor </h2>

<h3>User:- <?php echo $_SESSION["username"];?></h3>
<br/>

<?php
$connection = new db();
$conobj=$connection->OpenCon();

$userQuery=$connection->ShowAll($conobj,"doctor");

if ($userQuery->num_rows > 0) {
    echo "<table><tr><th>Name</th><th>Email</th><th></th><th>Gender</th><th></th><th>Address</th><th></th><th>Profession</th></tr>";
    // output data of each row
    while($row = $userQuery->fetch_assoc()) {
        echo "<tr><td>".$row["username"]."</td><td>".$row["email"]."</td><td></td><td>".$row["gender"]."</td><td></td><td>".$row["address"]."</td><td></td><td>".$row["profession"]."</td></tr>";
    }
} else {
    echo "0 results";
}

?>
<br/>
<br/>
```



Hospital Management System

```
<h3><a href="../control/logout.php">logout</a></h3>

<script>
function showmyuser() {
    var username= document.getElementById("username").value;
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function() {

        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("mytext").innerHTML = this.responseText;
        }
        else
        {
            document.getElementById("mytext").innerHTML = this.status;
        }
    };
    xhttp.open("POST", "/projectNew/control/getuser.php", true);
    xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
    xhttp.send("username="+username);

}
</script>
</head>

<label>find detail of user</label>

    <input type="text" id="username" onkeyup="showmyuser()" >

<p id="mytext"></p>

</body>
</html>
```



Hospital Management System

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

