

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2022-23**

**Project Title: Hospital Management System**

**Section: I**

**Group No: 6**

|  |  |
| --- | --- |
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|  |  |

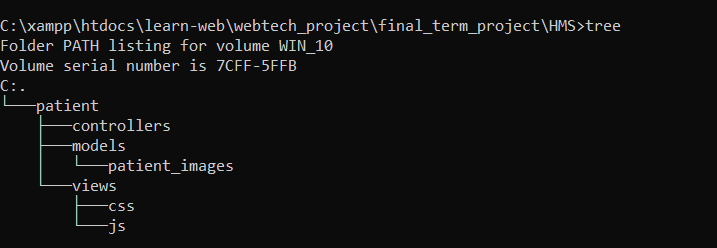
**Project Description:**

HMS provides the ability to manage all the paperwork in one place, reducing the work of staff in arranging and analyzing the paperwork of the patients. HMS does many works like:

* Maintain the medical records of the patient.
* Maintain the contact details of the patient.
* Keep track of the appointment dates.
* Appointment management.
* Prescription management.
* Ambulance management.
* Medicine Shop Management.

With our application, users can easily book doctor’s appointment. The prescription and other details will be stored in database. Doctor can send notification to patients, also can monitor patients' health condition with the data given by patients. With this application, a user can book ambulance online, can find blood donors and also buy medicine from the hospital online. In our proposed application, admin will manage doctor, pharmacist and user.

**Project Folder Structure:**



**Core Modules of the Project:**

***MedicineshopAction\_patient.php***

<?php

session\_start();

include "Validation.php";

if($\_SERVER['REQUEST\_METHOD']==="POST"){

$p\_id=sanitize($\_POST['id']);

$p\_name=sanitize($\_POST['name']);

$p\_price=sanitize($\_POST['price']);

$p\_qty=sanitize($\_POST['qty']);

$isValid=true;

//qty validation

if(empty($p\_qty)){

$isValid=false;

$\_SESSION['msg\_global']="Quantity can't be empty!";

}else{

if($p\_qty<1 or $p\_qty>100){ //assuming maximum quantity limit=100

$isValid=false;

$\_SESSION['msg\_global']="Quantity must be between 1 to 100 !";

}

}

//valid

if($isValid){

if(isset($\_COOKIE['medicine\_cart'])){

//if cookie is set the import cookie data

$cookie\_data=stripslashes($\_COOKIE['medicine\_cart']);

$cart\_data=json\_decode($cookie\_data, true);

}else{

$cart\_data=array();

}

// checking the duplicate items in cart

$list\_pid=array\_column($cart\_data,"p\_id");

if(in\_array($p\_id,$list\_pid)){

foreach($cart\_data as $keys=>$values){

if($cart\_data[$keys]["p\_id"]===$p\_id){

$cart\_data[$keys]["p\_qty"]+=$p\_qty;

}

}

}else{

//new data

$product\_array=array("p\_id"=>$p\_id, "p\_name"=>$p\_name, "p\_price"=>$p\_price, "p\_qty"=>$p\_qty);

$cart\_data[]=$product\_array;

}

//var\_dump($cart\_data);

$product\_data=json\_encode($cart\_data);

setcookie("medicine\_cart",$product\_data,time()+(86000\*7),'/'); //7 days

echo '1';

//header("Location:../views/Medicineshop\_patient.php");

}else{

echo '0';

//header("Location: ../views/Medicineshop\_patient.php");

}

}else{

$\_SESSION['msg\_global']="Something went wrong!";

header("Location: ../views/Medicineshop\_patient.php");

}

?>

***Bookappointment\_patient.php***

<?php

session\_start();

if(!isset($\_SESSION['email'])){

$\_SESSION['global\_msg']="Please login first!";

header("Location: Login\_patient.php");

}

include "Header.php";

require "../models/BookappointmentDB\_patient.php";

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Doctor's Appointment</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>

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

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

</head>

<body>

<div class="main">

<h3>Book Doctor's Appointment</h3>

<div class="s">

<input type="search" name="search" id="search" placeholder="Search..">

</div>

<div class="b">

<a href="Appointmenthistory\_patient.php"><button id="but">Appointment History</button></a>

</div>

<br>

<br>

<table class="doc">

<thead>

<tr>

<th>Doctor Name</th>

<th>Degree</th>

<th>Speciality</th>

<th>Appointment Date</th>

<th>Appointment Time</th>

<th>Status</th>

<th>Action</th>

</tr>

</thead>

<tbody id='tdata'>

<?php

$result=appointmentData();

if($result->num\_rows>0){

while($row=mysqli\_fetch\_assoc($result)){

$idx= $row['d\_id'];

echo"

<tr>

<td>".$row['d\_name']."</td>

<td>".$row['d\_degree']."</td>

<td>".$row['d\_dept']."</td>

<td>".$row['adate']."</td>

<td>".$row['atime']."</td>

<td>".$row['status']."</td>

<td>

<a href='../controllers/BookappointmentAction\_patient.php?idx=".$idx."'>Book</a>

</td>

</tr>

";

}

}

?>

</tbody>

</table>

</div>

</body>

<?php

include "Footer.php";

?>

</html>

***Doctorlist.php***

<?php

session\_start();

define('DB\_SERVER','localhost');

define('DB\_USER','root');

define('DB\_PASS' ,'');

define('DB\_NAME', 'hms');

$con = mysqli\_connect(DB\_SERVER,DB\_USER,DB\_PASS,DB\_NAME);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Doctor List</title>

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

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

</head>

<body>

<div class="main">

<div class="logo">

<img src="../models/hms\_logo.png" alt="HMS Logo">

</div>

<h3>Doctor List</h3>

<?php

$sql=mysqli\_query($con,"select \* from doctor\_data");

$cnt=1;

while($row=mysqli\_fetch\_array($sql))

{

?>

<tr>

<td class="center"><?php echo $cnt;?></td>

<td><?php echo $row['d\_fname'];?></td>

<td><?php echo $row['d\_lname'];?></td>

<td><?php echo $row['d\_phn'];?></td>

<td><button onclick="location.href='Editdoctor.php?id=<?php echo $row['d\_id'];?>'">Update</button></td>

<td><button onclick="ajaxDelete(<?php echo $row['d\_id'];?>)">Delete</button></td>

</tr>

<br>

<?php

$cnt=$cnt+1;

}?>

<span id="global\_msg" style="color:red"></span>

<?php

if(isset($\_SESSION['global\_msg'])){

echo $\_SESSION['global\_msg'];

unset($\_SESSION['global\_msg']);

}

?>

</div>

<script>

function ajaxEdit(id) {

console.log('sadi edit ' + id);

const xmlhttp = new XMLHttpRequest();

xmlhttp.onload = function() {

//document.getElementById("txtHint").innerHTML = this.responseText;

}

xmlhttp.open("GET", "../controllers/EditdoctorAction\_admin.php?id="+id);

xmlhttp.send();

}

function ajaxDelete(id) {

console.log('sadi del ' + id);

const xmlhttp = new XMLHttpRequest();

xmlhttp.onload = function() {

//document.getElementById("txtHint").innerHTML = this.responseText;

}

xmlhttp.open("GET", "../controllers/DeletedoctorAction\_admin.php?id="+id);

xmlhttp.send();

location.reload();

}

</script>

</body>

</html>