

POR T CITY INTERNATIONAL UNIVERSITY

Lab-Report: Final Term

Report No: 02

Report Name: Final term report

Course Code: CSE 222

Course Title: Database Management System Sessional

Date Of Submission: 29.09.2024



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Port City International University

Trimester: Summer 2024

Batch: CSE-28th-D-A1

Final Term

Course Code: CSE 435

Course Title: Database Management System Sessional

Department: Computer Science and Engineering

Project Name: Hospital Management System

- 01.** Write the project title.
- 02.** Introduction to Hospital Management System.
- 03.** Write the objective of Hospital Management System.
- 03.** What is the Motivation of Hospital Management System?
- 04.** What is the Purpose of Hospital Management System?
- 05.** Describe the Methodology of Hospital Management System?
- 06.** Draw the ER diagram and describe the ER diagram in Hospital Management System.
- 07.** Describe the Source Code & webpage (Admin Login, Logout, Doctor Account Creation, Doctor Dashboard, Doctor List, Logout, Patient Account Creation, Patient Dashboard, Patient List, Admin Confirmation Form, and About Hospital) in Hospital Management System in PhP.

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Project Title:

Hospital Management System.

Introduction:

In today's fast-paced healthcare environment, efficient management of hospital operations is crucial for delivering high-quality patient care. The Hospital Management System (HMS) is designed to streamline various administrative and clinical processes, thereby enhancing the overall functionality of healthcare facilities. This project aims to create a comprehensive software solution that integrates key components such as patient registration, appointment scheduling, and medical records management into a cohesive platform.

By leveraging PHP and a MySQL database, this system not only simplifies the workflow for healthcare professionals but also ensures that patients receive timely and accurate services. Through this documentation, we will explore the features, architecture, and implementation of the system, providing insights into its potential impact on hospital management.

Objectives:

Here are some objectives of Hospital Management System.

- **Enhance Operational Efficiency:** Streamline hospital operations by automating administrative tasks such as patient registration, appointment scheduling, and billing processes, reducing the time and effort required for manual handling.
- **Improve Patient Care:** Provide a user-friendly interface that allows healthcare providers to access patient information quickly, enabling more effective diagnosis and treatment.
- **Centralize Medical Records:** Create a secure and organized database for storing patient medical records, ensuring easy retrieval and management while maintaining patient confidentiality.

- **Facilitate Appointment Management:** Implement a robust scheduling system that minimizes appointment conflicts and improves patient flow within the hospital.
- **Support Data-Driven Decision Making:** Generate reports and analytics that help hospital management assess performance, patient demographics, and resource utilization for informed decision-making.
- **Enhance Communication:** Foster better communication between patients and healthcare staff through features like appointment reminders and notifications.
- **Ensure Scalability:** Design the system to accommodate future growth, allowing for the addition of new features and functionalities as needed.
- **Promote User Accessibility:** Develop an intuitive interface that is accessible to both staff and patients, ensuring ease of use for individuals with varying levels of technical expertise.

Motivation:

The motivation behind developing the Hospital Management System stems from the pressing need for improved efficiency and patient care in healthcare environments. As hospitals face increasing demands and complexities, the ability to manage operations seamlessly becomes paramount. This system aims to bridge the gap between healthcare providers and patients, ensuring that every individual receives timely and accurate care.

With the rapid advancement of technology, there is an opportunity to leverage digital solutions to enhance the healthcare experience. By automating administrative tasks and centralizing medical records, the HMS seeks to alleviate the burden on healthcare staff, allowing them to focus on what truly matters—patient well-being.

Moreover, the project is driven by the vision of fostering better communication within the healthcare ecosystem. By empowering patients with easy access to their information and appointments, we aim to create a more transparent and responsive healthcare system. Ultimately, this project aspires to contribute to a

future where technology enhances healthcare delivery, making it more efficient, accessible, and patient-centered.

Methodology:

The development of the Hospital Management System (HMS) follows a systematic approach to ensure effective planning, execution, and evaluation. The methodology encompasses several phases:

1. Requirement Analysis:

- Conduct meetings with stakeholders, including healthcare professionals and administrative staff, to gather requirements.
- Identify key features necessary for the system, such as patient registration, appointment scheduling, and billing processes.

2. System Design:

- Create a comprehensive design document outlining the architecture, user interfaces, and database schema.
- Utilize UML diagrams to visualize system components and their interactions.

3. Technology Stack Selection:

- Choose appropriate technologies: PHP for server-side scripting, MySQL for database management, and HTML/CSS for front-end development.
- Ensure compatibility with existing systems and scalability for future enhancements.

4. Development:

- Implement the system in phases, focusing on core functionalities first.
- Use version control systems like Git to manage code changes and facilitate collaboration.

5. Testing:

- Conduct unit testing to ensure individual components function correctly.
- Perform integration testing to validate interactions between different system modules.
- Carry out user acceptance testing (UAT) with stakeholders to gather feedback and make necessary adjustments.

6. Deployment:

- Set up the server environment and deploy the application.

- Provide training sessions for hospital staff to familiarize them with the system.

7. Maintenance and Support:

- Establish a support plan for troubleshooting and resolving issues post-deployment.
- Regularly update the system based on user feedback and evolving requirements.

ER Diagram:

ER Diagram of Hospital Management System

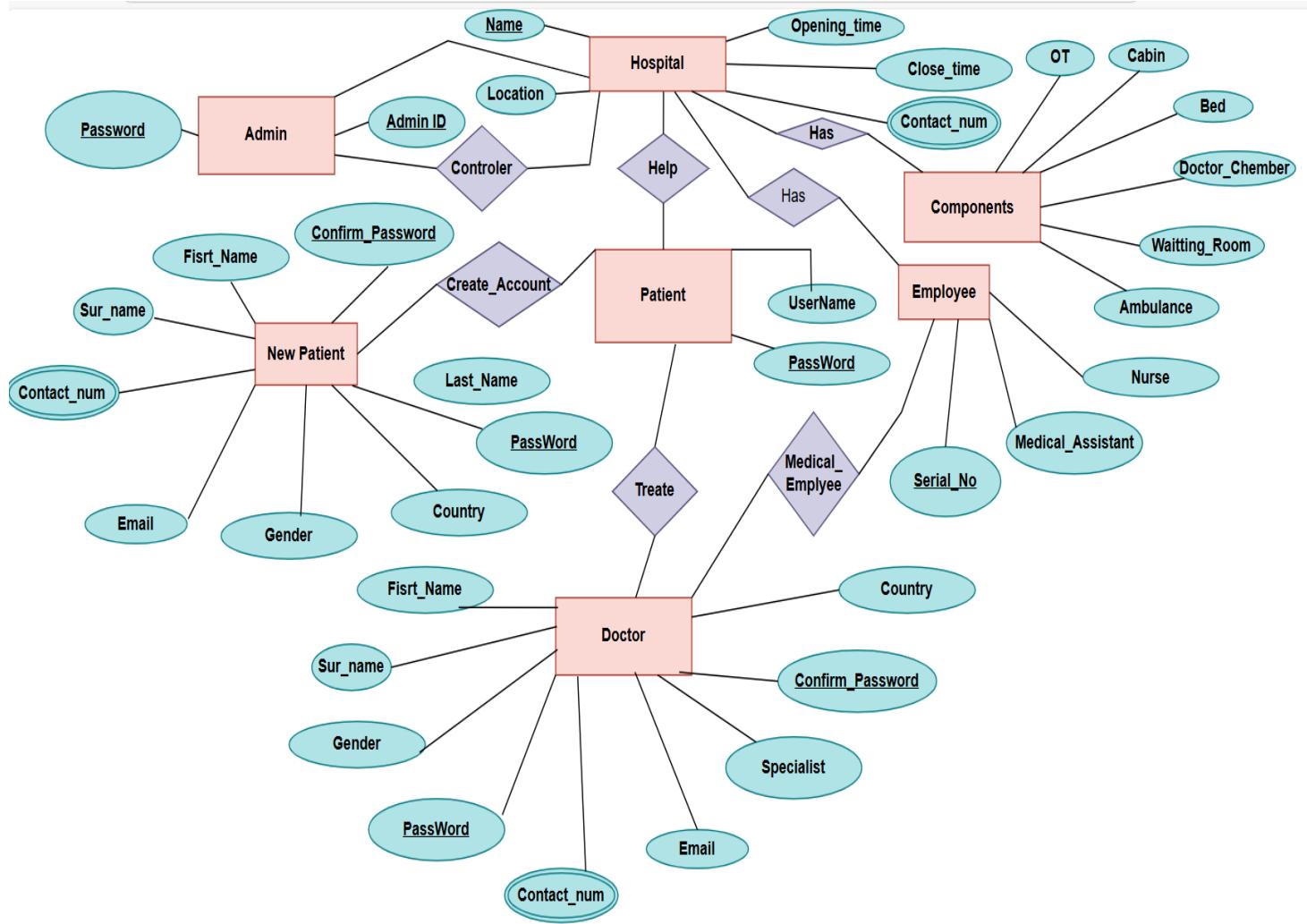
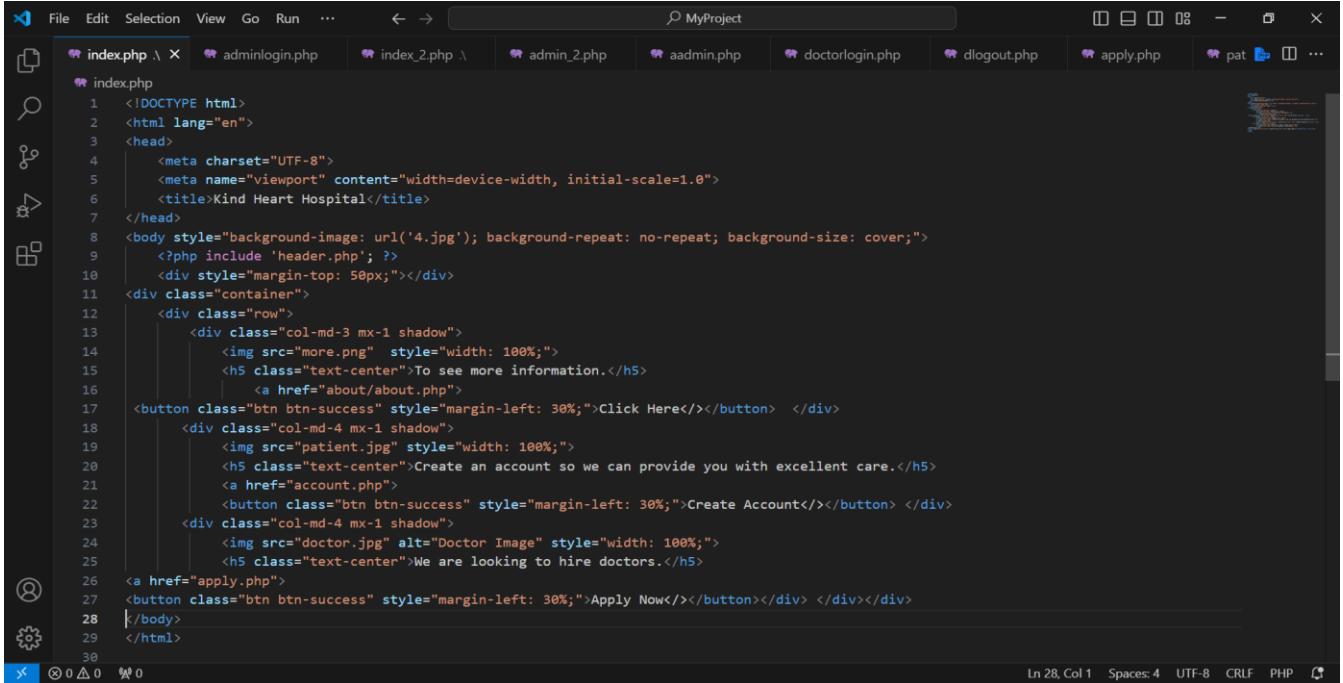


Figure no: 01: ER diagram.

Code and Webpages:

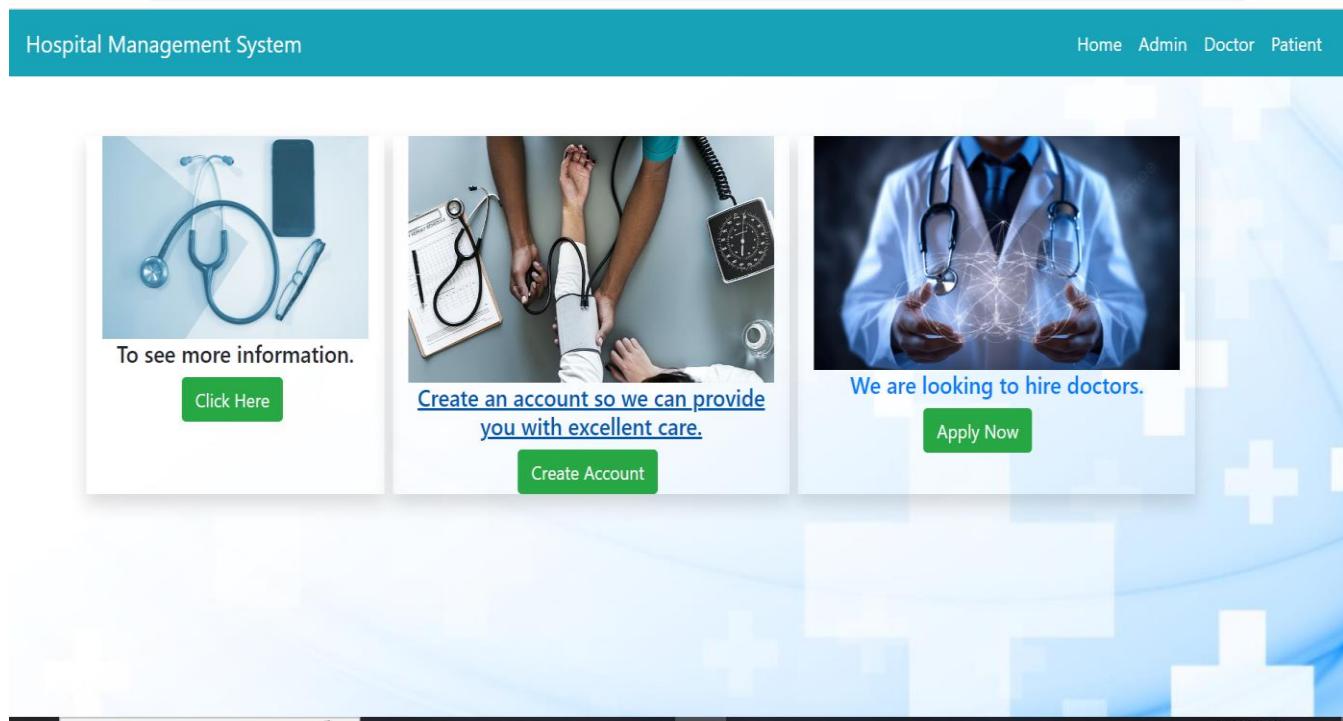
• Project Index:



The screenshot shows a code editor window titled "MyProject". The current file is "index.php", which contains the following HTML and PHP code:

```
File Edit Selection View Go Run ... ⏪ MyProject
index.php X adminlogin.php index_2.php X admin_2.php aadmin.php doctorlogin.php dlogout.php apply.php pat ...
index.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Kind Heart Hospital</title>
7 </head>
8 <body style="background-image: url('4.jpg'); background-repeat: no-repeat; background-size: cover;">
9     <?php include 'header.php'; ?>
10    <div style="margin-top: 50px;"></div>
11    <div class="container">
12        <div class="row">
13            <div class="col-md-3 mx-1 shadow">
14                To see more information.</h5>
16                <a href="about/about.php">
17                    <button class="btn btn-success" style="margin-left: 30%;">Click Here</button>
18                </div>
19            <div class="col-md-4 mx-1 shadow">
20                Create an account so we can provide you with excellent care.</h5>
22                <a href="account.php">
23                    <button class="btn btn-success" style="margin-left: 30%;">Create Account</button>
24                </div>
25            <div class="col-md-4 mx-1 shadow">
26                We are looking to hire doctors.</h5>
28            <a href="apply.php">
29                <button class="btn btn-success" style="margin-left: 30%;">Apply Now</button>
30            </a>
31        </div>
32    </div>
33 </body>
34 </html>
```

Ln 28, Col 1 Spaces: 4 UTF-8 CRLF PHP

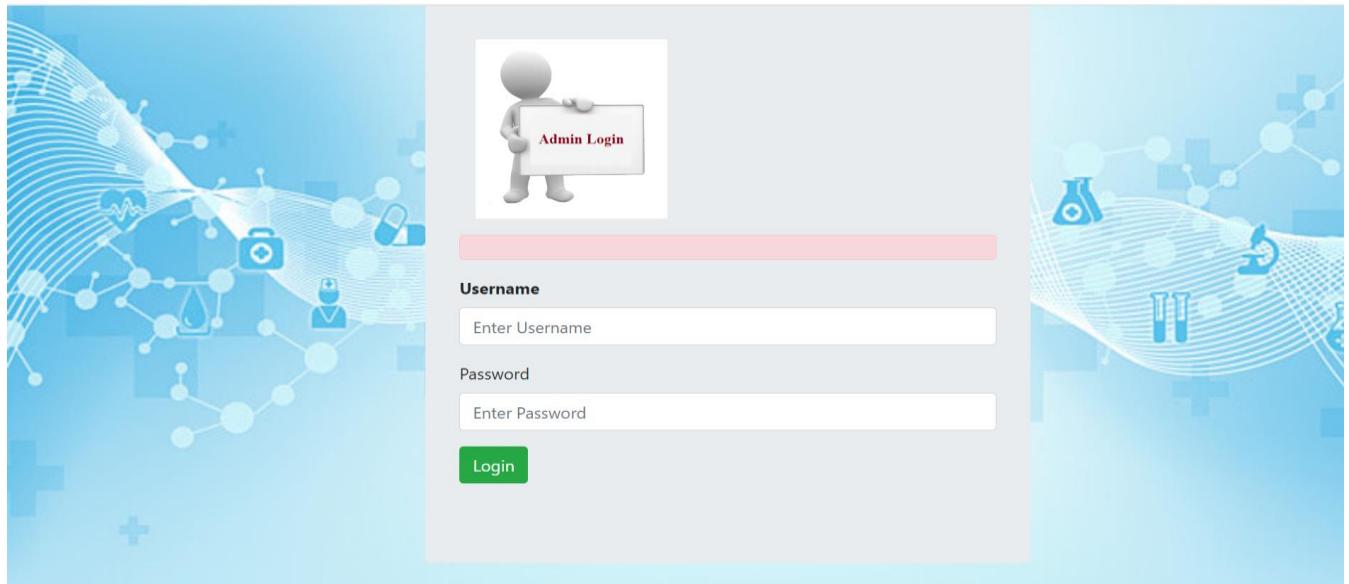


● Admin Login:

```

index.php | adminlogin.php | index_2.php | admin_2.php | aadmin.php | doctorlogin.php | logout.php | apply.php | P
  ↴
  ↵ aadmin.php
1  <?php
2  session_start();
3  include 'connection.php';
4  if (isset($_POST['add'])) {
5      $uname = $_POST['uname'];
6      $pass = $_POST['pass'];
7      $image = $_FILES['img']['name'];
8      $imageTmpName = $_FILES['img']['tmp_name'];
9      $imageError = $_FILES['img']['error'];
10     $error = array();
11     if (empty($uname)) {
12         $error['u'] = "Enter Admin Username";
13     if (empty($pass)) {
14         $error['p'] = "Enter Admin Password";
15     if (empty($image)) {
16         $error['i'] = "Add Admin Picture";
17     if ($imageError != UPLOAD_ERR_OK) {
18         $error['img'] = "File upload error: " . $imageError;
19     } else { if ($_FILES['img']['size'] > 5242880) {
20         $error['img'] = "File size exceeds the maximum limit of 5MB.";
21     }
22     $allowedTypes = array('image/jpeg', 'image/png');
23     if (!in_array($_FILES['img']['type'], $allowedTypes)) {
24         $error['img'] = "Invalid file type. Only JPG and PNG files are allowed.";
25     if (count($error) == 0) {
26         $hashed_pass = password_hash($pass, PASSWORD_BCRYPT);
27         $q = "INSERT INTO admin (username, password, profile) VALUES (?, ?, ?)";
28         if ($stmt = mysqli_prepare($connect, $q)) {
29             mysqli_stmt_bind_param($stmt, 'sss', $uname, $hashed_pass, $image);
30             if (mysqli_stmt_execute($stmt)) {

```



```

index.php | adminlogin.php | index_2.php | admin_2.php | aadmin.php | doctorlogin.php | logout.php | apply.php | P
  ↴
  ↵ index_2.php
1  <?php session_start();?>
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body style="background-image:url('10.jpg');background-repeat:no-repeat;background-size: cover;">
10     <?php include 'header.php'; include 'connection.php'; ?>
11     <div class="container-fluid">
12         <div class="col-md-12">
13             <div class="row">
14                 <div class="col-md-2" style="margin-left: -30px;">
15                     <?php include 'asidenav.php'; ?> </div>
16                     <div class="col-md-10">
17                         <h4 class="my-2">Admin Dashboard</h4>
18                     <div class="col-md-12 my-1">
19                         <div class="row">
20                             <div class="col-md-3 bg-success mx-1" style="height: 130px;">
21                                 <a href="aadmin.php"></a>
22                             </div>
23                             <div class="col-md-12">
24                                 <div class="row">
25                                     <div class="col-md-8">
26                                         <?php
27                                         $ad = mysqli_query($connect, "SELECT * FROM admin");
28                                         $num = mysqli_num_rows($ad);
29                                         ?>

```

• Admin's Dashboard:

Hospital Management System

user Logout

Dashboard Admin Dashboard

Administrators	4 Total Admin	9 Total Doctors	3 Total Patient
----------------	------------------	--------------------	--------------------

Doctors Patient

index.php adminlogin.php index_2.php admin_2.php admin.php X doctorlogin.php dlogout.php

```

admin.php
1  <?php
2  session_start();
3  include 'connection.php';
4  if (isset($_POST['add'])) {
5      $uname = $_POST['uname'];
6      $pass = $_POST['pass'];
7      $image = $_FILES['img']['name'];
8      $imageTmpName = $_FILES['img']['tmp_name'];
9      $imageError = $_FILES['img']['error'];
10     $error = array();
11     if (empty($uname)) {
12         $error['u'] = "Enter Admin Username";
13     if (empty($pass)) {
14         $error['p'] = "Enter Admin Password";
15     if (empty($image)) {
16         $error['i'] = "Add Admin Picture";
17     if ($imageError !== UPLOAD_ERR_OK) {
18         $error['img'] = "File upload error: " . $imageError;
19     } else { if ($_FILES['img']['size'] > 5242880) {
20         $error['img'] = "File size exceeds the maximum limit of 5MB.";
21     $allowedTypes = array('image/jpeg', 'image/png');
22     if (!in_array($_FILES['img']['type'], $allowedTypes)) {
23         $error['img'] = "Invalid file type. Only JPG and PNG files are allowed.";
24     if (count($error) == 0) {
25         $hashed_pass = password_hash($pass, PASSWORD_BCRYPT);
26         $q = "INSERT INTO admin (username, password, profile) VALUES (?, ?, ?)";
27         if ($stmt = mysqli_prepare($connect, $q)) {
28             mysqli_stmt_bind_param($stmt, 'sss', $uname, $hashed_pass, $image);
29             if (mysqli_stmt_execute($stmt)) {
30                 $uploadDir = 'img/4.jpg';

```

Line 20 Col 75 Spaces: 4 UFT-8 CR LF PHP

Hospital Management System

user Logout

Dashboard Administrators Doctors Patient

All Admins

ID	Username	Action
2	janie	<button>Remove</button>
1	mim	<button>Remove</button>
	ili	<button>Remove</button>

Add Admin

Username:

Password:

Add Admin Picture: Choose File No file chosen

Add New Admin

● Doctor Login:

The screenshot shows a code editor with two tabs open: 'doctorlogin.php' and 'index.php'. The 'doctorlogin.php' tab contains PHP code for handling user login. It includes session management, form validation, and database queries to check if the provided credentials exist in the database. If successful, it sets a session variable and redirects to 'dindex.php'. If unsuccessful, it displays an error message. The 'index.php' tab contains the HTML and CSS for the login page, featuring a background image of a hand holding a stethoscope.

```
<?php
session_start();
include 'connection.php';
if (isset($_POST['login'])) {
    $username = $_POST['uname'];
    $password = $_POST['pass'];

    $error = array();

    if (empty($username)) {
        $error['doctor'] = "Enter Username";
    }

    if (empty($password)) {
        $error['doctor'] = "Enter Password";
    }

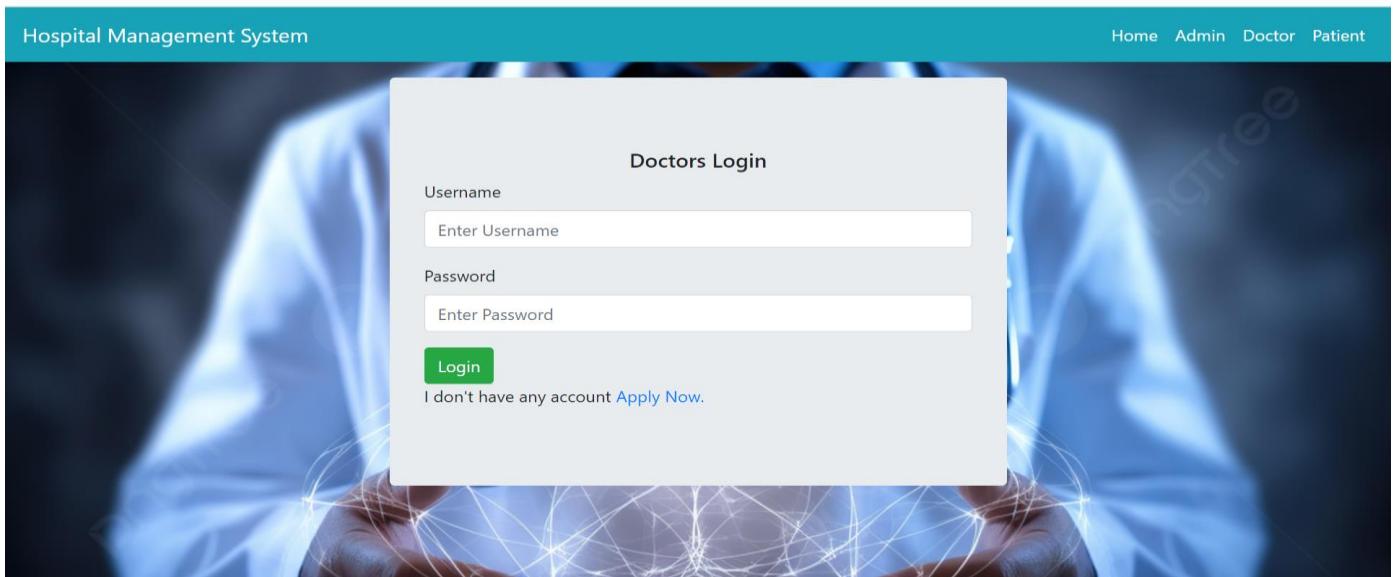
    if (count($error) == 0){
        $query = "SELECT * FROM doctor WHERE username='$username' AND pass='$password'";
        $result = mysqli_query($connect, $query);

        if ($result && mysqli_num_rows($result) == 1) {
            echo "<script>alert('You have logged in as a doctor')</script>";
            $_SESSION['doctor'] = $username;
            header("Location:dindex.php");
            exit();
        } else {
            echo "<script>alert('Invalid Username or Password')</script>";
        }
    }
}
```

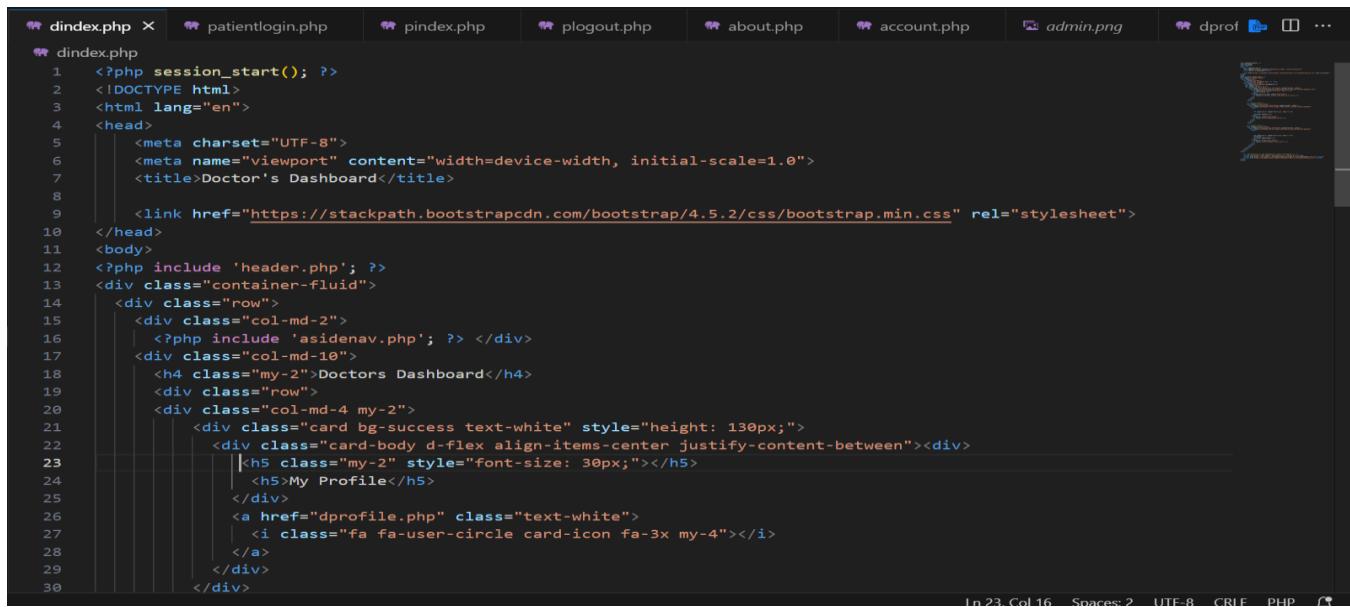
This screenshot shows the same code editor as above, but the 'doctorlogin.php' tab is active. It displays the full HTML and CSS code for the 'doctorlogin.php' file. The code includes a header inclusion, a container div with a centered form, and a footer note about account creation. A tooltip at the bottom right indicates an error occurred during PHP spawning.

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Doctor Login Page</title>
</head>
<body style="background-image: url('doctor.jpg'); background-repeat: no-repeat; background-size: cover;">
<?php include 'header.php'; ?>

<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-6 jumbotron my-3">
            <h5 class="text-center my-2">Doctors Login</h5>
            <form method="post">
                <div class="form-group">
                    <label for="uname">Username</label>
                    <input type="text" id="uname" name="uname" class="form-control" autocomplete="off" placeholder="Enter Username" required>
                </div>
                <div class="form-group">
                    <label for="pass">Password</label>
                    <input type="password" id="pass" name="pass" class="form-control" autocomplete="off" placeholder="Enter Password" required>
                </div>
                <div class="form-group">
                    <input type="submit" name="login" class="btn btn-success" value="Login" required>
                </div>
                <p> I don't have any account <a href="apply.php">Apply Now.</a></p>
            </form>
        </div>
    </div>
</body>
</html>
```

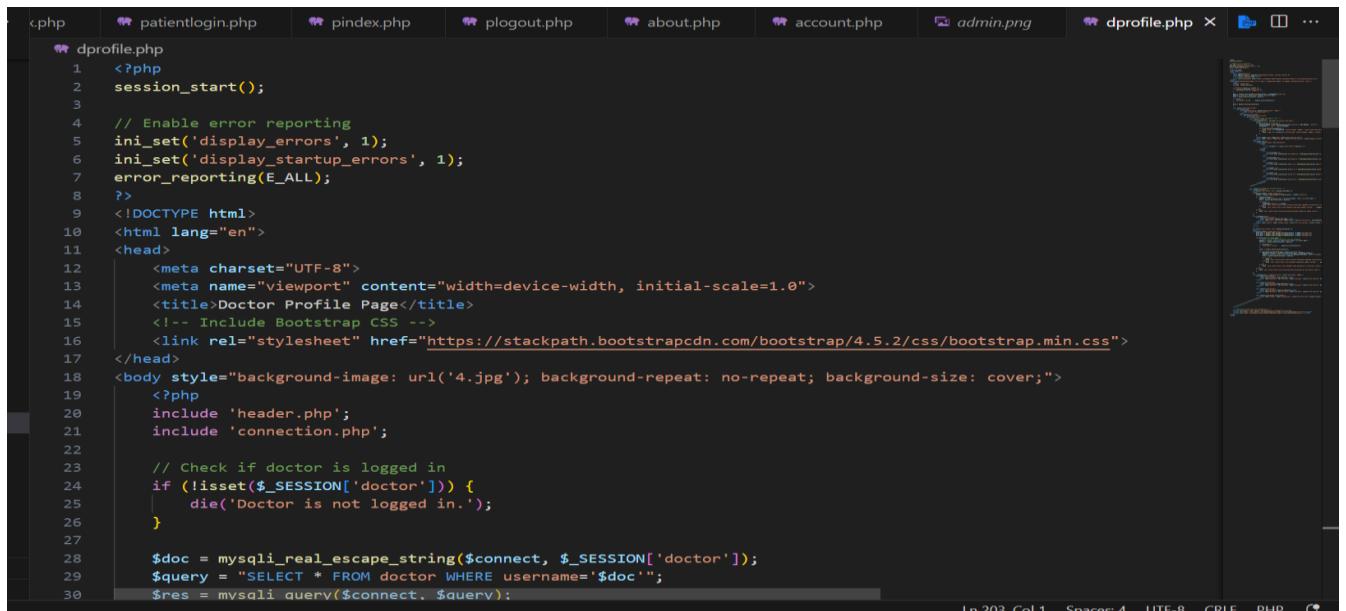
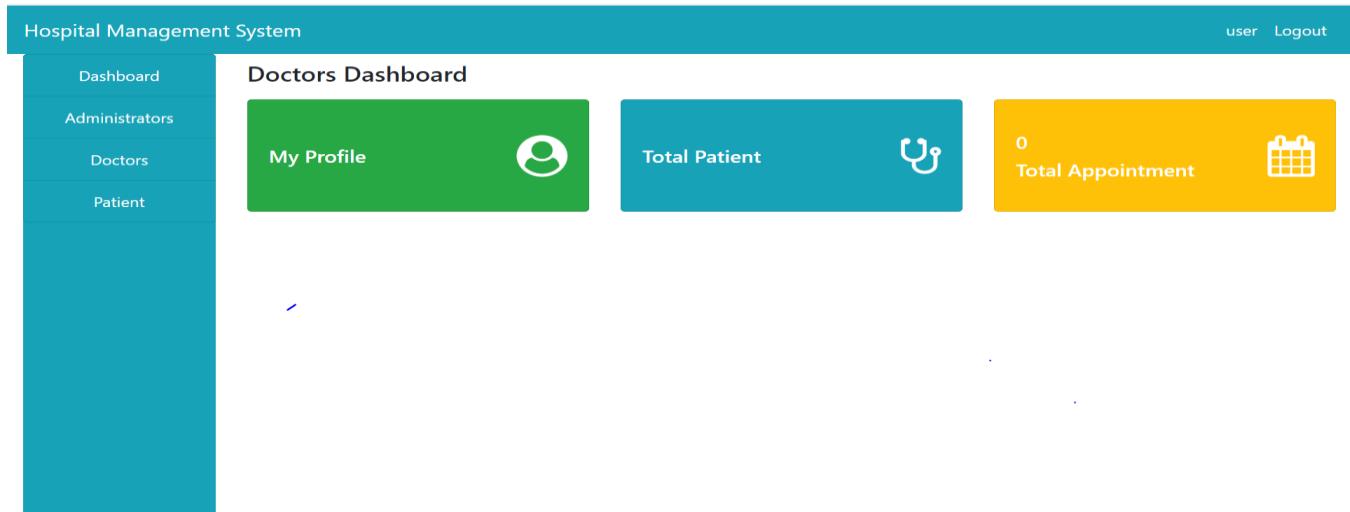


Doctor's Dashboard:



A screenshot of a code editor showing the `dindex.php` file. The file contains PHP code for a dashboard page. It includes meta tags for charset and viewport, a title, and a link to a Bootstrap CSS file. The main content features a row with three columns: one for the doctor's profile (My Profile), one for total patients (Total Patient), and one for total appointments (Total Appointment). The code uses Bootstrap classes like `col-md-2`, `col-md-10`, and `col-md-4` to layout the dashboard.

```
<?php session_start(); ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Doctor's Dashboard</title>
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<?php include 'header.php'; ?>
<div class="container-fluid">
    <div class="row">
        <div class="col-md-2">
            <?php include 'asidenav.php'; ?>
        <div class="col-md-10">
            <h4>Doctors Dashboard</h4>
            <div class="row">
                <div class="col-md-4 my-2">
                    <div class="card bg-success text-white" style="height: 130px;">
                        <div class="card-body d-flex align-items-center justify-content-between"><div>
                            <h5>My Profile</h5>
                        </div>
                            <a href="dprofile.php" class="text-white">
                                <i class="fa fa-user-circle card-icon fa-3x my-4"></i>
                            </a>
                        </div>
                    </div>
                </div>
                <div class="col-md-4 my-2">
                    <div class="card bg-primary text-white" style="height: 130px;">
                        <div class="card-body d-flex align-items-center justify-content-between"><div>
                            <h5>Total Patient</h5>
                        </div>
                            <img alt="User icon" data-bbox="668 438 698 458" style="width: 20px; height: 20px;"/>
                        </div>
                    </div>
                </div>
                <div class="col-md-4 my-2">
                    <div class="card bg-warning text-white" style="height: 130px;">
                        <div class="card-body d-flex align-items-center justify-content-between"><div>
                            <h5>Total Appointment</h5>
                        </div>
                            <img alt="Calendar icon" data-bbox="898 438 928 458" style="width: 20px; height: 20px;"/>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```



A screenshot of a code editor showing the `dprofile.php` file. The file contains PHP code for a doctor profile page. It includes session start, error reporting, and connection to a MySQL database. The page checks if a doctor is logged in and retrieves their information from the database. The code uses Bootstrap for styling.

```
<?php
session_start();
// Enable error reporting
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Doctor Profile Page</title>
    <!-- Include Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body style="background-image: url('4.jpg'); background-repeat: no-repeat; background-size: cover;">
    <?php
        include 'header.php';
        include 'connection.php';

        // Check if doctor is logged in
        if (!isset($_SESSION['doctor'])) {
            die('Doctor is not logged in.');
        }

        $doc = mysqli_real_escape_string($connect, $_SESSION['doctor']);
        $query = "SELECT * FROM doctor WHERE username='$doc'";
        $res = mysqli_query($connect, $query);
    </?php>
</body>
```

● Doctor's Profile:

```


```

18 <body style="background-image: url('4.jpg'); background-repeat: no-repeat; background-size: cover;">
36 $row = mysqli_fetch_array($res);
37 ?>
38
39 <div class="container-fluid">
40 <div class="row">
41 <div class="col-md-2" style="margin-left: -30px;">
42 <?php include 'dsidenav.php'; ?>
43 </div>
44 <div class="col-md-10">
45 <div class="container-fluid">
46 <div class="row">
47 <!-- Profile Image and Update Form -->
48 <div class="col-md-6">
49 <form method="post" enctype="multipart/form-data">
50 <?php
51 if (isset($row['profile'])) {
52 $profileImage = htmlspecialchars($row['profile'], ENT_QUOTES, 'UTF-8');
53 $imagePath = 'img/' . $profileImage;
54
55 if (file_exists($imagePath)) {
56 echo "";
57 } else {
58 echo "";
59 }
60 }
61 </?>
62 <input type="file" name="img" class="form-control my-1">
63 <input type="submit" name="upload" class="btn btn-success" value="Update Profile">
64 </form>

```



Ln 203, Col 1 Spaces: 4 UTF-8 CRLF PHP


```

Change Username

Change Username
Enter Username
Change Username

Change Password

Old Password
Enter Old Password
New Password
Enter New Password
Confirm Password
Enter Confirm Password
Change Password

Details

Firstname	fg
Username	jj
Email	fff@ghh.nhhj
Gender	Female
Phone	57667
Profile	doctor.jpg

information_schema

firstname	surname	username	email	gender	phone	country	pass	salary	date_reg	status	profile
faria	jahan	janie	hghh@gmail.com	Female	786767	asia	123	0	2024-09-08 23:16:38	pendding	doctor.jpg
fg	hh	jj	fff@ghh.nhhj	Female	57667	asia	99	0	2024-09-08 23:18:35	pendding	doctor.jpg
hgh	ghy	tt	fgg@jj.bik	Female	789	russia	00	0	2024-09-08 23:19:15	pendding	doctor.jpg
farhana	jahan	anie	hgfgf@gmail.com	Male	88	Europe	88	0	2024-09-08 23:20:29	pendding	doctor.jpg
israt	arefin	mazumder	dfgg@hgg.com	Female	4546757	asia	000	0	2024-09-09 19:51:08	pendding	doctor.jpg
fatema	begum	fatema	fdsf@gmail.com	Female	6577	asia	123	0	2024-09-10 21:57:51	pendding	doctor.jpg
ma	a	a	dfs@h.vhgj	Female	546	asia	11	0	2024-09-11 01:10:47	pending	doctor.jpg
hi	hh	hh	chg@rcr.com	Female	55	russia	11	0	2024-09-11 09:11:54	pending	doctor.jpg
rok	j	j	f@fd.u	Female	45	Europe	111	0	2024-09-11 09:37:39	pending	doctor.jpg

● About Hospital:

```
• <!DOCTYPE html>
• <html lang="en">
•   <head>
•     <meta charset="UTF-8">
•     <meta name="viewport" content="width=device-width, initial-scale=1.0">
•     <title>Kind Hart Hospital</title>
•     <link rel="stylesheet"
•           href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
•           >
•   </head>
•   <body>
•     <div class="container mt-5">
•       <div class="hospital-intro text-center">
•         <h1>Welcome to Kind Hart Hospital</h1>
•         <p>At Kind Hart Hospital, we are dedicated to providing
•             compassionate and comprehensive medical care. Our team of experienced
•             healthcare professionals is committed to ensuring that each patient receives
•             personalized attention in a welcoming and supportive environment.</p>
•         <p>Located in the heart of the community, our state-of-the-art
•             facility offers a range of services including emergency care, surgical
•             procedures, maternity services, and specialized treatments. With a focus on
•             advanced medical technology and holistic patient care, we strive to deliver
•             exceptional outcomes and improve the well-being of those we serve.</p>
•         <p>Our mission is to foster a culture of kindness and excellence,
•             ensuring that every visit to Kind Hart Hospital is met with warmth, respect,
•             and the highest standard of medical practice.</p>
•       </div>
•
•       <!-- Highlighted Information Sections -->
•       <div class="section-header text-center">
•         <h2>Important Information</h2>
•       </div>
•       <div class="row">
•         </div>
•         <div class="col-md-4">
•           <div class="highlight-card">
•             <h3>Blood Bank</h3>
•             <p>Our blood bank is open 24/7. We accept donations and
•                 provide blood for emergency and scheduled procedures.</p>
•           </div>
•         </div>
•         <div class="col-md-4">
•           <div class="highlight-card">
•             <h3>Facility Capacity</h3>
•             <p>Beds: 150</p>
•             <p>Cabins: 20</p>
•           </div>
•         </div>
•       </div>
•     </div>
```

```
•
•          <!-- Additional Information Sections -->
•          <div class="section-header text-center">
•              <h2>Our Services</h2>
•          </div>
•          <div class="row">
•              <div class="col-md-4">
•                  <div class="info-card p-3">
•                      <h3>Emergency Care</h3>
•                      <p>Our emergency department is equipped with the latest
• technology to handle urgent medical situations with speed and efficiency.</p>
•                  </div>
•              </div>
•              <div class="col-md-4">
•                  <div class="info-card p-3">
•                      <h3>Surgical Procedures</h3>
•                      <p>We offer a range of surgical services, from minor
• procedures to major operations, all performed by our skilled surgeons.</p>
•                  </div>
•              </div>
•              <div class="col-md-4">
•                  <div class="info-card p-3">
•                      <h3>Maternity Services</h3>
•                      <p>Our maternity unit provides comprehensive care for
• mothers and newborns, including prenatal, delivery, and postnatal support.</p>
•                  </div>
•              </div>
•          </div>
•
•          <div class="section-header text-center">
•              <h2>Contact Us</h2>
•          </div>
•          <div class="info-card p-3">
•              <h3>Get in Touch</h3>
•              <p>For more information about our services or to schedule an
• appointment, please contact us at (123) 456-7890 or email us at
• contact@kindhart.com.</p>
•              <p>Visit us at 123 Kind Hart Lane, Hometown, ST 12345.</p>
•          </div>
•      </div>
•
•      <!-- Footer -->
•      <footer class="footer">
•          <p>&copy; 2024 Kind Hart Hospital. All rights reserved.</p>
•          <p><a href="#">Privacy Policy</a> | <a href="#">Terms of
• Service</a></p>
•      </footer>
•
•      </body>
•  </html>
```

Welcome to Kind Hart Hospital

At Kind Hart Hospital, we are dedicated to providing compassionate and comprehensive medical care. Our team of experienced healthcare professionals is committed to ensuring that each patient receives personalized attention in a welcoming and supportive environment.

Located in the heart of the community, our state-of-the-art facility offers a range of services including emergency care, surgical procedures, maternity services, and specialized treatments. With a focus on advanced medical technology and holistic patient care, we strive to deliver exceptional outcomes and improve the well-being of those we serve.

Our mission is to foster a culture of kindness and excellence, ensuring that every visit to Kind Hart Hospital is met with warmth, respect, and the highest standard of medical practice.

Important Information

Opening Hours

Monday - Friday: 8:00 AM - 8:00

PM

Saturday: 8:00 AM - 6:00 PM

Blood Bank

Our blood bank is open 24/7. We accept donations and provide blood for emergency and

Facility Capacity

Beds: 150

Cabins: 20

Important Information

Opening Hours

Monday - Friday: 8:00 AM - 8:00

PM

Saturday: 8:00 AM - 6:00 PM

Sunday: Closed

Blood Bank

Our blood bank is open 24/7. We accept donations and provide blood for emergency and scheduled procedures.

Facility Capacity

Beds: 150

Cabins: 20

Our Services

Emergency Care

Our emergency department is equipped with the latest technology to handle urgent medical situations with speed and efficiency.

Surgical Procedures

We offer a range of surgical services, from minor procedures to major operations, all performed by our skilled surgeons.

Maternity Services

Our maternity unit provides comprehensive care for mothers and newborns, including prenatal, delivery, and postnatal support.

Emergency Care

Our emergency department is equipped with the latest technology to handle urgent medical situations with speed and efficiency.

Surgical Procedures

We offer a range of surgical services, from minor procedures to major operations, all performed by our skilled surgeons.

Maternity Services

Our maternity unit provides comprehensive care for mothers and newborns, including prenatal, delivery, and postnatal support.

Contact Us

Get in Touch

For more information about our services or to schedule an appointment, please contact us at (123) 456-7890 or email us at contact@kindhart.com.

Visit us at 123 Kind Hart Lane, Hometown, ST 12345.

© 2024 Kind Hart Hospital. All rights reserved.

[Privacy Policy](#) | [Terms of Service](#)

● Patient Account Creation:

File Explorer:

- MYPROJECT
 - 12.webp
 - 22.jpg
 - admin.php
 - account.php**
 - admin.jpg
 - admin.png
 - adminlogin.php
 - logout.php
 - apply.php
 - apu.pdf
 - asidenav.php
 - connection.php
 - dindex.php
 - doctor.jpg
 - doctorlogin.php
 - dprofile.php
 - dsidenav.php
 - g.webp
 - header.php
 - hos.webp
 - hospital.jpg
 - index_2.php
 - index_2.php

Code Editor (account.php):

```

<?php include 'connection.php';
if (isset($_POST['create'])) {
    $firstname = $_POST['fname'];
    $surname = $_POST['sname'];
    $username = $_POST['uname'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $gender = $_POST['gender'];
    $country = $_POST['country'];
    $password = $_POST['pass'];
    $confirm_password = $_POST['con_pass'];
    $error = array();
    if (empty($firstname)) {
        $error['ac'] = "Enter Firstname";
    } elseif (empty($surname)) {
        $error['ac'] = "Enter Surname";
    } elseif (empty($username)) {
        $error['ac'] = "Enter Username";
    } elseif (empty($email)) {
        $error['ac'] = "Enter Email Address";
    } elseif (empty($phone)) {
        $error['ac'] = "Enter Phone Number";
    } elseif (empty($gender)) {
        $error['ac'] = "Select Your Gender";
    } elseif (empty($country)) {
        $error['ac'] = "Select Country";
    } elseif (empty($password)) {
        $error['ac'] = "Enter Password";
    } elseif ($confirm_password != $password) {
        $error['ac'] = "Both Passwords do not match";
    }
}

```

Bottom Status Bar: In 2, Col 1 | Spaces: 4 | UTF-8 | CRLF | PHP

File Explorer:

- MYPRO...
 - 12.webp
 - 22.jpg
 - admin.php
 - account.php**
 - admin.jpg
 - admin.png
 - adminlogin.php
 - logout.php
 - apply.php
 - apu.pdf
 - asidenav.php
 - connection.php
 - dindex.php
 - doctor.jpg
 - doctorlogin.php
 - dprofile.php
 - dsidenav.php
 - g.webp
 - header.php
 - hos.webp
 - hospital.jpg
 - index_2.php
 - index_2.php

Code Editor (account.php):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Create Account</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body style="background-image:url('9.webp');background-repeat:no-repeat;background-size: cover;">
<?php include 'header.php' ;?>
<div class="container-fluid">
    <div class="row">
        <div class="col-md-3"></div>
        <div class="col-md-6 my-2 jumbotron">
            <h5 class="text-center text-info my-2">Create Account</h5>
            <form method="post">
                <div class="form-group">
                    <label for="firstname" ><b>Firstname</b></label>
                    <input type="text" id="firstname" name="fname" class="form-control" autocomplete="off" placeholder="First Name" required>
                </div>
                <div class="form-group">
                    <label for="surname" ><b>Surname</b></label>
                    <input type="text" id="surname" name="sname" class="form-control" autocomplete="off" placeholder="Last Name" required>
                </div>
                <div class="form-group">
                    <label for="username" ><b>Username</b></label>
                    <input type="text" id="username" name="uname" class="form-control" autocomplete="off" placeholder="Username" required>
                </div>
                <div class="form-group">
                    <label for="email" ><b>Email</b></label>

```

Bottom Status Bar: In 2, Col 1 | Spaces: 4 | UTF-8 | CRLF | PHP

File Explorer:

- MYPROJECT
 - 12.webp
 - 22.jpg
 - admin.php
 - account.php**
 - admin.jpg
 - admin.png
 - adminlogin.php
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 - doctor.jpg
 - doctorlogin.php
 - dprofile.php
 - dsidenav.php
 - g.webp
 - header.php
 - hos.webp
 - hospital.jpg
 - index_2.php
 - index_2.php

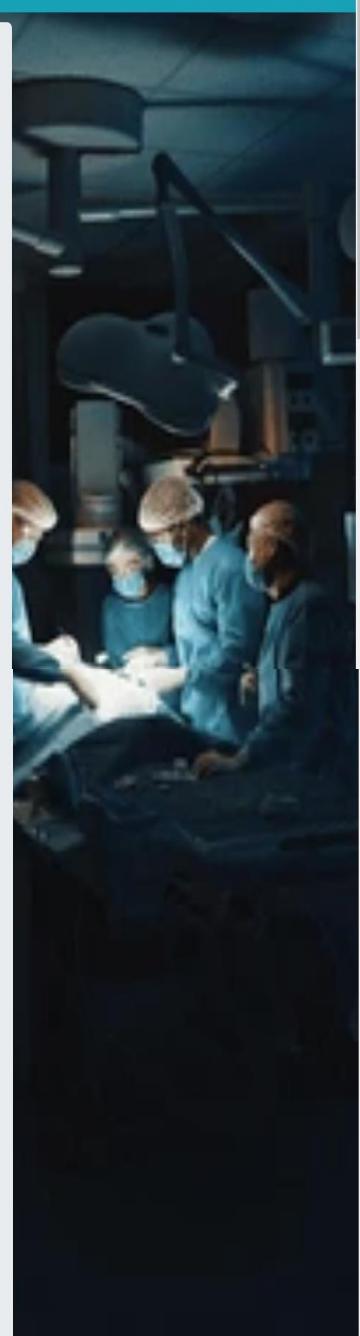
Code Editor (account.php):

```

<div class="container-fluid">
    <div class="row">
        <div class="col-md-6 my-2 jumbotron">
            <form method="post">
                <div class="form-group">
                    <label for="country" ><b>Country</b></label>
                    <select id="country" name="country" class="form-control">
                        <option value="">Select Your Country</option>
                        <option value="asia">Asia</option>
                        <option value="russia">Russia</option>
                        <option value="Europe">Europe</option>
                    </select>
                </div>
                <div class="form-group">
                    <label for="password" ><b>Password</b></label>
                    <input type="password" id="password" name="pass" class="form-control" autocomplete="off" placeholder="Password" required>
                </div>
                <div class="form-group">
                    <label for="con_pass" ><b>Confirm Password</b></label>
                    <input type="password" id="con_pass" name="con_pass" class="form-control" autocomplete="off" placeholder="Confirm Password" required>
                </div>
                <input type="submit" name="create" value="Create Account" class="btn btn-info" style="color: black;">I already have an account <a href="patient.php">Click here</a>
            </form>
        </div>
    </div>

```

Bottom Status Bar: In 2, Col 1 | Spaces: 4 | UTF-8 | CRLF | PHP



Create Account

Firstname

Enter Firstname

Surname

Enter Surname

Username

Enter Username

Email

Enter Email

Phone No

Enter Phone Number

Gender

Select Your Gender

Country

Select Your Country

Password

Enter Password

Confirm Password

Enter Confirm Password

Create AccountI already have an account [Click here](#)

Screenshot of a MySQL database table named 'users' showing three rows of data.

firstname	surname	username	email	phone	Gender	country	password	date_reg	profile
gh	gh	gh	hg@jj.igf	43536	Male	Europe	\$2y\$10\$C5PldFJEtwG8MFEf3cFz/O0oTPJnoY0o6YOFJ5mENPd...	2024-09-02:13:15	doctor.
ki	ki	ki	g@fcg.y	456	Female	Europe	\$2y\$10\$PuNLRbu23J899B7IOjCcC.QxEGuHmlAQvd7/rNGB7N0...	2024-09-09:26:51	doctor.
farhana	jahan	anie	df@jj.cook	67	Female	asia	\$2y\$10\$4qixulS1edGWsCbuf9xxe.5UJs9MUvs6qxMJFAaXxTU...	2024-09-11:13:17	doctor.

● Doctor's Apply Form:

EXPLORER ... Untitled-1 index.php doctorlogin.php account.php apply.php x

```
<?php
include 'connection.php';
if (isset($_POST['apply'])) {
    $firstname = $_POST['fname'];
    $surname = $_POST['sname'];
    $username = $_POST['uname'];
    $email = $_POST['email'];
    $gender = $_POST['gender'];
    $phone = $_POST['phone'];
    $country = $_POST['country'];
    $password = $_POST['pass'];
    $confirm_password = $_POST['con_pass'];
    $error = array();
    if (empty($firstname)) {
        $error['apply'] = "Enter Firstname";
    } elseif (empty($surname)) {
        $error['apply'] = "Enter Surname";
    } elseif (empty($username)) {
        $error['apply'] = "Enter Username";
    } elseif (empty($email)) {
        $error['apply'] = "Enter Email Address";
    } elseif (empty($phone)) {
        $error['apply'] = "Enter Phone Number";
    } elseif ($gender == "") {
        $error['apply'] = "Select Your Gender";
    } elseif ($country == "") {
        $error['apply'] = "Select Country";
    } elseif (empty($password)) {
        $error['apply'] = "Enter Password";
    } elseif ($confirm_password != $password) {
        $error['apply'] = "Both Passwords do not match";
    }
    if (count($error) == 0) {
        $query = "INSERT INTO doctor (firstname, surname, username, email, gender, phone, country, pass, salary, date_joined) VALUES (?, ?, ?, ?, ?, ?, '0', NOW(), 'pending', 'doctor.jpg')";
        if ($stmt = mysqli_prepare($connect, $query)) {
            mysqli_stmt_bind_param($stmt, 'ssssssss', $firstname, $surname, $username, $email, $gender, $phone, $country, $password);
            if (mysqli_stmt_execute($stmt)) {
                echo "<script>alert('You have successfully applied')</script>";
                header("Location: doctorlogin.php");
                exit();
            } else {
                echo "<script>alert('Failed to insert data: " . mysqli_stmt_error($stmt) . "')</script>";
            }
            mysqli_stmt_close($stmt);
        } else {
            echo "<script>alert('Failed to prepare the SQL statement: " . mysqli_error($connect) . "')</script>";
        }
    }
    if (isset($error['apply'])) {
        $s = $error['apply'];
        $show = "<h5 class='text-center alert alert-danger'>$s</h5>";
    } else {
        $show = "";
    }
}
```

ln 32, Col 6 Spaces: 4 UTF-8 CRLF PHP

PROJECT apply.php

```
if (isset($_POST['apply'])) {
    $firstname = $_POST['fname'];
    $surname = $_POST['sname'];
    $username = $_POST['uname'];
    $email = $_POST['email'];
    $gender = $_POST['gender'];
    $phone = $_POST['phone'];
    $country = $_POST['country'];
    $password = $_POST['pass'];
    $confirm_password = $_POST['con_pass'];
    $error = array();
    if (empty($firstname)) {
        $error['apply'] = "Enter Firstname";
    } elseif (empty($surname)) {
        $error['apply'] = "Enter Surname";
    } elseif (empty($username)) {
        $error['apply'] = "Enter Username";
    } elseif (empty($email)) {
        $error['apply'] = "Enter Email Address";
    } elseif (empty($phone)) {
        $error['apply'] = "Enter Phone Number";
    } elseif ($gender == "") {
        $error['apply'] = "Select Your Gender";
    } elseif ($country == "") {
        $error['apply'] = "Select Country";
    } elseif (empty($password)) {
        $error['apply'] = "Enter Password";
    } elseif ($confirm_password != $password) {
        $error['apply'] = "Both Passwords do not match";
    }
    if (count($error) == 0) {
        $query = "INSERT INTO doctor (firstname, surname, username, email, gender, phone, country, pass, salary, date_joined) VALUES (?, ?, ?, ?, ?, ?, '0', NOW(), 'pending', 'doctor.jpg')";
        if ($stmt = mysqli_prepare($connect, $query)) {
            mysqli_stmt_bind_param($stmt, 'ssssssss', $firstname, $surname, $username, $email, $gender, $phone, $country, $password);
            if (mysqli_stmt_execute($stmt)) {
                echo "<script>alert('You have successfully applied')</script>";
                header("Location: doctorlogin.php");
                exit();
            } else {
                echo "<script>alert('Failed to insert data: " . mysqli_stmt_error($stmt) . "')</script>";
            }
            mysqli_stmt_close($stmt);
        } else {
            echo "<script>alert('Failed to prepare the SQL statement: " . mysqli_error($connect) . "')</script>";
        }
    }
    if (isset($error['apply'])) {
        $s = $error['apply'];
        $show = "<h5 class='text-center alert alert-danger'>$s</h5>";
    } else {
        $show = "";
    }
}
```

ln 34, Col 7 Spaces: 4 UTF-8 CRLF PHP

```
<head>
</head>
<body style="background-image: url('9.webp'); background-repeat: no-repeat; background-size: cover;">
    <?php include 'header.php'; ?>
    <div class="container-fluid">
        <div class="col-md-12">
            <div class="row">
                <div class="col-md-3"></div>
                <div class="col-md-6 my-3 jumpbotron">
                    <h5 class="text-center" style="color: cyan;">Apply Now</h5>
                    <div>
                        <?php echo $show; ?>
                    </div>
                    <form method="post">
                        <div class="form-group">
                            <label for="firstname" style="color: cyan;"><b>Firstname</b></label>
                            <input type="text" id="firstname" name="fname" class="form-control" autocomplete="off" placeholder="First Name" required>
                        </div>
                        <div class="form-group">
                            <label for="surname" style="color: cyan;"><b>Surname</b></label>
                            <input type="text" id="surname" name="sname" class="form-control" autocomplete="off" placeholder="Last Name" required>
                        </div>
                        <div class="form-group">
                            <label for="username" style="color: cyan;"><b>Username</b></label>
                            <input type="text" id="username" name="uname" class="form-control" autocomplete="off" placeholder="Username" required>
                        </div>
                        <div class="form-group">
                            <label for="email" style="color: cyan;"><b>Email</b></label>
                            <input type="email" id="email" name="email" class="form-control" autocomplete="off" placeholder="Email" required>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </body>
```

Apply Now

Firstname
Imran

Surname
Hossain

Username
Dr.Imran

Email
hossain213@gmail.com

Phone No
+90578443879858

Gender
Select Your Gender

Country
Europe

Password

Confirm Password

Create Account

I already have an account [Click here](#)

Welcome to XAMPP

localhost / 127.0.0.1 / hms / doctor

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=hms&table=doctor

Server: 127.0.0.1 | Database: hms | Table: doctor

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | More

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 8 (9 total, Query took 0.0005 seconds.)

SELECT * FROM `doctor`

Profiling | Edit inline | Edit | Explain SQL | Create PHP code | Refresh

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

firstname	surname	username	email	gender	phone	country	pass	salary	date_reg	status	profile
faria	jahan	janie	hghh@gmail.com	Female	786767	asia	123	0	2024-09-08 23:16:38	pendding	doctor.jpg
fg	hh	jj	fff@ghh.nhhj	Female	57667	asia	99	0	2024-09-08 23:18:35	pendding	doctor.jpg
hgh	ghy	tt	fgg@jj.bik	Female	789	russia	00	0	2024-09-08 23:19:15	pendding	doctor.jpg
farhana	jahan	anie	hgfgf@gmail.com	Male	88	Europe	88	0	2024-09-08 23:20:29	pendding	doctor.jpg
israt	arefin	mazumder	dfgg@hgg.com	Female	4546757	asia	000	0	2024-09-09 19:51:08	pendding	doctor.jpg
fatema	begum	fatema	fdsl@gmail.com	Female	6577	asia	123	0	2024-09-10 21:57:51	pendding	doctor.jpg
ma	a	a	dfs@h.vhgj	Female	546	asia	11	0	2024-09-11 01:10:47	pendding	doctor.jpg
hi	hh	hh	chg@rcr.com	Female	55	russia	11	0	2024-09-11 09:11:54	pendding	doctor.jpg
rok	j	j	f@fd.u	Female	45	Europe	111	0	2024-09-11 09:37:39	pendding	doctor.jpg

Show all | Number of rows: 25 | Filter rows: Search this table

Conclusion:

The Hospital Management System developed in PHP effectively addresses the critical needs of modern healthcare facilities. By streamlining processes such as patient registration, appointment scheduling, and record management, this system enhances operational efficiency and improves the overall patient experience. The user-friendly interface ensures ease of use for both medical staff and patients, while robust security measures safeguard sensitive information.

Through this project, I have gained valuable insights into software development, database management, and the importance of user-centered design. The implementation of this system not only optimizes hospital workflows but also lays the foundation for future enhancements, such as telemedicine features and advanced analytics. Ultimately, this Hospital Management System stands as a vital tool for healthcare providers, aiming to deliver high-quality care and improve patient outcomes.

