

# Code Description

## Introduction:

The report shows our hospital management that is done by php and the MySQL. The decision stem from MySQL's enhanced attachment performance within the PHP framework.

The hospital managements plays a big efficient role in managing and organizing work and performance in a hospitals patients records can be traced easily and also doctors can see their patients easily since they have schedules that are organized well in the hospital management system.

## User login:

Creates the login part of the patient.They can login in the hospital site and can see their profile and schedule their appointments with the doctors. And could be able to see the appointment history and medical history.

```
<?php
session_start();
error_reporting(0);
include("include/config.php");
if(isset($_POST['submit']))
{
    $pname=$_POST['username'];
    $ppwd=md5($_POST['password']);
    $ret=mysqli_query($con,"SELECT * FROM users WHERE email='$pname' and password='$ppwd'");
    $num=mysqli_fetch_array($ret);
    if($num>0)
    {
        $_SESSION['login']=$_POST['username'];
        $_SESSION['id']=$num['id'];
        $pid=$num['id'];
        $host=$_SERVER['HTTP_HOST'];
        $uip=$_SERVER['REMOTE_ADDR'];
        $status=1;
        // For stroing log if user login successfull
        $log=mysqli_query($con,"insert into userlog(uid,username,userip,status) values('$pid','$pname','$uip','$status')");
        header("location:dashboard.php");
    }
    else
    {
        // For stroing log if user login unsuccessful
        $_SESSION['login']=$_POST['username'];
        $uip=$_SERVER['REMOTE_ADDR'];
        $status=0;
        mysqli_query($con,"insert into userlog(username,userip,status) values('$pname','$uip','$status')");
        $_SESSION['errmsg']="Invalid username or password";
        header("location:user-login.php");
    }
}
?>
```

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <title>User-Login</title>

    <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" ty
    <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
    <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
    <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
    <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
    <link rel="stylesheet" href="assets/css/styles.css">
    <link rel="stylesheet" href="assets/css/plugins.css">
    <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
  </head>
  <body class="login">
    <div class="row">
      <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
        <div class="logo margin-top-30">
          <a href=".." />index.php</h2> HMS | Patient Login</h2></a>
        </div>

        <div class="box-login">
          <form class="form-login" method="post">
            <fieldset>
              <legend>
                Sign in to your account
              </legend>
              <p>
                Please enter your name and password to log in.<br />
                <span style="color:red;"><?php echo $_SESSION['errmsg']; ?><?php echo $_SESSION['errmsg']=""; ?></span>
              </p>
              <div class="form-group">
                <span class="input-icon">

```

## Registration of patient

The patient then registers to the web application if he or she is new and his or her details are stored in the database of the system. After registering patient can login to the hospital site by giving their email and password.

```

<?php
include_once('include/config.php');
if(isset($_POST['submit']))
{
    $fname=$_POST['full_name'];
    $address=$_POST['address'];
    $city=$_POST['city'];
    $gender=$_POST['gender'];
    $email=$_POST['email'];
    $password=md5($_POST['password']);
    $query=mysql_query("insert into users(fullname,address,city,gender,email,password) values('$fname','$address','$city','$gender','$email','$password')");
    if($query)
    {
        echo "<script>alert('Successfully Registered. You can login now');</script>";
    }
}
?>

<!DOCTYPE html>
<html lang="en">

  <head>

    <title>User Registration</title>

    <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" ty
    <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
    <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
    <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
    <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
    <link rel="stylesheet" href="assets/css/styles.css">
    <link rel="stylesheet" href="assets/css/plugins.css">
    <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

```

```

</head>

<body class="login">
  <!-- start: REGISTRATION -->
  <div class="row">
    <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
      <div class="logo margin-top-30">
        
      </div>
      <!-- start: REGISTER BOX -->
      <div class="box-register">
        <form name="registration" id="registration" method="post">
          <fieldset>
            <legend>
              Sign Up
            </legend>
            <p>
              Enter your personal details below:
            </p>
            <div class="form-group">
              <input type="text" class="form-control" name="full_name" placeholder="Full Name" required>
            </div>
            <div class="form-group">
              <input type="text" class="form-control" name="address" placeholder="Address" required>
            </div>
            <div class="form-group">
              <input type="text" class="form-control" name="city" placeholder="City" required>
            </div>
            <div class="form-group">
              <label class="block">
                Gender
              </label>
              <div class="clip-radio radio-primary">
                <input type="radio" id="rg-female" name="gender" value="female" >
                <label for="rg-female">

```

## Doctor Login:

Creates the login part of the doctor. For the doctor login admin should give the access. They can login to the login to the hospital site and they can add the patients and can see the appointments of the patients.

index - Notepad

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```

<?php
session_start();
include("include/config.php");
error_reporting(0);
if(isset($_POST['submit']))
{
$username=$_POST['username'];
$password=md5($_POST['password']);
$ret=mysqli_query($con,"SELECT * FROM doctors WHERE docEmail='$username' and password='$password'");
$num=mysqli_fetch_array($ret);
if($num>0)
{
$_SESSION['dlogin']=$_POST['username'];
$_SESSION['id']=$num['id'];
$uid=$num['id'];
$uip=$_SERVER['REMOTE_ADDR'];
$status=1;
//Code Logs
$log=mysqli_query($con,"insert into doctorslog(uid,username,userip,status) values('$uid','$username','$uip','$status')");

header("location:dashboard.php");
}
}

```

```
index - Notepad
File Edit Format View Help
}
else
{
$uip=$_SERVER['REMOTE_ADDR'];
$status=0;
mysql_query($con,"insert into doctorslog(username,userip,status) values('$uname','$uip','$status')");
$_SESSION['errmsg']="Invalid username or password";
header("location:index.php");
}
}
?>

<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Doctor Login</title>

    <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="sty
    <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
    <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
    <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
    <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
    <link rel="stylesheet" href="assets/css/styles.css">
    <link rel="stylesheet" href="assets/css/plugins.css">
    <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

  </head>
  <body class="login">
    <div class="row">
      <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
```

```
index - Notepad
File Edit Format View Help
  </head>
  <body class="login">
    <div class="row">
      <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
        <div class="logo margin-top-30">
          <a href="../../index.php"> <h2> HMS | Doctor Login</h2></a>
        </div>

        <div class="box-login">
          <form class="form-login" method="post">
            <fieldset>
              <legend>
                Sign in to your account
              </legend>
              <p>
                Please enter your name and password to log in.<br />
                <span style="color:red;"><?php echo $_SESSION['errmsg']; ?><?php echo $_SESSION['errmsg']="";
              </p>
              <div class="form-group">
                <span class="input-icon">
                  <input type="text" class="form-control" name="username" placeholder="Username">
                  <i class="fa fa-user"></i> </span>
              </div>
              <div class="form-group form-actions">
                <span class="input-icon">
                  <input type="password" class="form-control password" name="password" placeholder="Pas
                  <i class="fa fa-lock"></i>
                </span>
                <a href="forgot-password.php">
                  Forgot Password ?
                </a>
              </div>
            </div>
          </div>
        </div>
```

```

        <button type="submit" class="btn btn-primary pull-right" name="submit">
            Login <i class="fa fa-arrow-circle-right"></i>
        </button>
    </div>

    </fieldset>
</form>

<div class="copyright">
<span class="text-bold text-uppercase"> Hospital Management System</span>
</div>

</div>
</div>
</div>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/modernizr/modernizr.js"></script>
<script src="vendor/jquery-cookie/jquery.cookie.js"></script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
<script src="vendor/switchery/switchery.min.js"></script>
<script src="vendor/jquery-validation/jquery.validate.min.js"></script>

<script src="assets/js/main.js"></script>

<script src="assets/js/login.js"></script>
<script>
    jQuery(document).ready(function() {
        Main.init();
        Login.init();
    });
</script>

    </fieldset>
</form>

<div class="copyright">
<span class="text-bold text-uppercase"> Hospital Management System</span>
</div>

</div>
</div>
</div>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/modernizr/modernizr.js"></script>
<script src="vendor/jquery-cookie/jquery.cookie.js"></script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
<script src="vendor/switchery/switchery.min.js"></script>
<script src="vendor/jquery-validation/jquery.validate.min.js"></script>

<script src="assets/js/main.js"></script>

<script src="assets/js/login.js"></script>
<script>
    jQuery(document).ready(function() {
        Main.init();
        Login.init();
    });
</script>

</body>
<!-- end: BODY -->
</html>
```

## Adding patient

The patient records is then added to the hospital database. Then the doctor can be able to see his/her patients in their profile.

```
<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id'])==0) {
    header('location:logout.php');
} else{

if(isset($_POST['submit']))
{
    $docid=$_SESSION['id'];
    $patname=$_POST['patname'];
    $patcontact=$_POST['patcontact'];
    $patemail=$_POST['patemail'];
    $gender=$_POST['gender'];
    $pataddress=$_POST['pataddress'];
    $patage=$_POST['patage'];
    $medhis=$_POST['medhis'];
    $sql=mysqli_query($con,"insert into tblpatient(Docid,PatientName,PatientContno,PatientEmail,PatientGender,PatientAdd,PatientAge,PatientMedhis) values ($sql)");
    if($sql)
    {
        echo "<script>alert('Patient info added Successfully');</script>";
        header('location:add-patient.php');
    }
}
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Doctor | Add Patient</title>

        <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic"
        <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
        <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
        <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
```

---

```

<link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
<link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
<link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
<link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
<link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
<link href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css" rel="stylesheet" media="screen">
<link rel="stylesheet" href="assets/css/styles.css">
<link rel="stylesheet" href="assets/css/plugins.css">
<link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

<script>
function userAvailability() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'email='+$("#patemail").val(),
type: "POST",
success:function(data){
$("#user-availability-status1").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
</script>
</head>
<body>
<div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>

<div class="main-content" >
<div class="wrap-content container" id="container">

```

## Patient Dashboard:

The information of the patient is then displayed to the patient dashboard which includes appointment scheduling, appointment history and patient profile.

```

<!-- end: TOP NAVBAR -->
<div class="main-content" >
<div class="wrap-content container" id="container">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">User | Dashboard</h1>
</div>
<ol class="breadcrumb">
<li>
<span>User</span>
</li>
<li class="active">
<span>Dashboard</span>
</li>
</ol>
</div>
</section>
<!-- end: PAGE TITLE -->
<!-- start: BASIC EXAMPLE -->
<div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-sm-4">
<div class="panel panel-white no-radius text-center">
<div class="panel-body">
<span class="fa-stack fa-2x"><i class="fa fa-square fa-stack-2x text-primary"><
<h2 class="StepTitle">My Profile</h2>
<p class="links cl-effect-1">
<a href="edit-profile.php">
Update Profile
</a>
</p>

```

```

<?php
session_start();
//error_reporting(0);
include('include/config.php');
include('include/checklogin.php');
check_login();

?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>User | Dashboard</title>

        <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" ty
        <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
        <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
        <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
        <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
        <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
        <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
        <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css" rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

    </head>
    <body>
        <div id="app">
<?php include('include/sidebar.php');?>
            <div class="app-content">

```

## Appointment Scheduling:

The patient can then book an appointment with the doctor by logging in to their profile and navigating to book my appointment upon giving all the fields they can successfully book appointment with doctor. After booking was successful they can see the pop-up that booking was successful.

```

<?php
session_start();
error_reporting(0);
include('include/config.php');
if(strlen($_SESSION['id'])==0) {
    header('location:logout.php');
} else{

if(isset($_GET['cancel']))
{
    mysqli_query($con,"update appointment set doctorStatus='0' where id='".$_GET['id']."'");
    $_SESSION['msg']="Appointment canceled !!";
}

?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Doctor | Appointment History</title>

        <link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,700|Crete+Round:400italic" rel="stylesheet" ty
        <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
        <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
        <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
        <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
        <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
        <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet" media="screen">
        <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-datepicker/bootstrap-datepicker3.standalone.min.css" rel="stylesheet" media="screen">
        <link href="vendor/bootstrap-timepicker/bootstrap-timepicker.min.css" rel="stylesheet" media="screen">
        <link rel="stylesheet" href="assets/css/styles.css">
        <link rel="stylesheet" href="assets/css/plugins.css">
        <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />

    </head>
    <body>
        <div id="app">

```



```
<?php include('include/sidebar.php');?>
<div class="app-content">

    <?php include('include/header.php');?>
    <!-- end: TOP NAVBAR -->
    <div class="main-content" >
        <div class="wrap-content container" id="container">
            <!-- start: PAGE TITLE -->
            <section id="page-title">
                <div class="row">
                    <div class="col-sm-8">
                        <h1 class="mainTitle">Doctor | Appointment History</h1>
                    </div>
                    <div class="col-sm-4">
                        <ol class="breadcrumb">
                            <li>
                                <span>Doctor </span>
                            </li>
                            <li class="active">
                                <span>Appointment History</span>
                            </li>
                        </ol>
                    </div>
                </div>
            </section>
            <!-- end: PAGE TITLE -->
            <!-- start: BASIC EXAMPLE -->
            <div class="container-fluid container-fullw bg-white">

                <div class="row">
                    <div class="col-md-12">

                        <p style="color:red;"><?php echo htmlentities($_SESSION['msg']);?>
                        <?php echo htmlentities($_SESSION['msg']);?></p>
                        <table class="table table-hover" id="sample-table-1">
                            <thead>


```

**Log out:** Patients or doctors are able to log out without any difficulties after offering service or after being attended to if he or she is a doctor.

```
logout - Notepad
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<?php
session_start();
include('include/config.php');
$_SESSION['dlogin']='';
date_default_timezone_set('Asia/Kolkata');
$date=date( 'd-m-Y h:i:s A', time () );
$did=$_SESSION['id'];
mysqli_query($con,"UPDATE doctorslog SET logout = '$date' WHERE uid = '$did' ORDER BY i
session_unset();
//session_destroy();
$_SESSION['errmsg']="You have successfully logout";
?>
<script language="javascript">
document.location="../../index.php";
</script>
```

