

Date	01 November 2022
Team ID	PNT2022TMID12298
Project Name	Real Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

INDEX.PHP

```

<?php
    session_start();  if
(isset($_SESSION['SESSION_EMAIL'])) {
header("Location: welcome.php");
die();
}

include 'config.php';
$msg = "";

if (isset($_GET['verification'])) {    if
(mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE
code='{$_GET['verification']}'") > 0) {
    $query = mysqli_query($conn, "UPDATE users SET code=" WHERE
code='{$_GET['verification']}'");

    if ($query) {
        $msg = "<div class='alert alert-success'>Account verification has been successfully
completed.</div>";
    }
    } else {
        header("Location: index.php");
    }
}

if (isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $password = mysqli_real_escape_string($conn, md5($_POST['password']));

```

```

    $sql = "SELECT * FROM users WHERE email='{$email}' AND password='{$password}'";
    $result = mysqli_query($conn, $sql);

    if (mysqli_num_rows($result) === 1) {
    $row = mysqli_fetch_assoc($result);

        if (empty($row['code'])) {
            $_SESSION['SESSION_EMAIL'] = $email;

            header("Location: welcome.php");
        } else {
            $msg = "<div class='alert alert-info'>First verify your account and try again.</div>";
        }
    } else {
        $msg = "<div class='alert alert-danger'>Email or password do not match.</div>";
    }
} ?>

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

<head>
    <title>Login Form -River Water</title>
    <!-- Meta tag Keywords -->
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="UTF-8" />    <meta
name="keywords"
content="Login Form" />    <!--
//Meta tag Keywords -->

    <link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">

    <!--/Style-CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all" />    <!--//StyleCSS
-->

    <script src="https://kit.fontawesome.com/af562a2a63.js" crossorigin="anonymous"></script>

</head>

<body>

    <!-- form section start -->
    <section class="w3l-mockup-form">
        <div class="container">
            <!-- /form -->
            <div class="workinghny-form-grid">
                <div class="main-mockup">
                    <div class="alert-close">

```

```

        <span class="fa fa-close"></span>
    </div>
    <div class="w3l_form align-self">
        <div class="left_grid_info">
            

        </div>
    </div>
    <div class="content-wthree">
        <h2>Login Now</h2>

        <?php echo $msg; ?>
        <form action="" method="post">
            <input type="email" class="email" name="email" placeholder="Enter Your Email"
required>
            <input type="password" class="password" name="password" placeholder="Enter
Your Password" style="margin-bottom: 2px;" required>
            <p><a href="forgot-password.php" style="margin-bottom: 15px; display: block;
textalign: right;">Forgot Password?</a></p>
            <button name="submit" name="submit" class="btn" type="submit">Login</button>
        </form>
        <div class="social-icons">
            <p>Create Account! <a href="register.php">Register</a>.</p>
        </div>
    </div>
</div>
</div>
<!-- //form -->
</div>
</section>
<!-- //form section start -->

<script src="js/jquery.min.js"></script>
<script>
    $(document).ready(function (c) {
        $('alert-close').on('click', function (c) {
            $('.main-mockup').fadeOut('slow', function (c) {
                $('.main-mockup').remove();
            });
        });
    });
</script>

</body>

</html>

```

REGISTER.PHP

```
<?php

    //Import PHPMailer classes into the global namespace
    //These must be at the top of your script, not inside a function    use
    PHPMailer\PHPMailer\PHPMailer;    use
    PHPMailer\PHPMailer\SMTP;    use
    PHPMailer\PHPMailer\Exception;

    session_start();    if
(isset($_SESSION['SESSION_EMAIL'])) {        header("Location:
welcome.php");
        die();
    }

    //Load Composer's autoloader
    require 'vendor/autoload.php';

    include 'config.php';
    $msg = "";

    if (isset($_POST['submit'])) {
        $name = mysqli_real_escape_string($conn, $_POST['name']);
        $email = mysqli_real_escape_string($conn, $_POST['email']);
        $password = mysqli_real_escape_string($conn, md5($_POST['password']));
        $confirm_password = mysqli_real_escape_string($conn, md5($_POST['confirm-password']));
        $code = mysqli_real_escape_string($conn, md5(rand()));

        if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE email='{$_email}'")) >
0)
        {
            $msg = "<div class='alert alert-danger'>{$_email} - This email address has been already
exists.</div>";
```

```

    } else {
        if ($password === $confirm_password) {
            $sql = "INSERT INTO users (name, email, password, code) VALUES ('{$name}', '{$email}',
 '{$password}', '{$code}')";

            $result = mysqli_query($conn, $sql);

            if ($result) {
                echo "<div style='display:
none;'>";

                //Create an instance; passing `true` enables exceptions
                $mail = new PHPMailer(true);

                try
                {
                    //Server settings

                    $mail->SMTPDebug = SMTP::DEBUG_SERVER;           //Enable verbose debug
output

                    $mail->isSMTP();                                   //Send using SMTP

                    $mail->Host      = 'smtp.gmail.com';              //Set the SMTP server to send through

                    $mail->SMTPAuth  = true;                          //Enable SMTP authentication

                    $mail->Username  = 'wartech2022mce@gmail.com

';                          //SMTP username

                    $mail->Password  = 'poqxoihjhlzzvvac';           //SMTP password

                    $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;  //Enable implicit TLS
encryption

                    $mail->Port      = 465;                          //TCP port to connect to; use 587 if you have
set `SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

                    //Recipients

                    $mail->setFrom('wartech2022mce@gmail.com');

                    $mail->addAddress($email);

                    //Content

                    $mail->isHTML(true);                             //Set email format to HTML

                    $mail->Subject = 'wartech2022mce@gmail.com register form';

```

```
        $mail->Body = ' click here to login <b><a  
href="http://localhost/login/?verification='.$code.'">  
http://localhost/login/?verification='.$code.'</a></b>';
```

```
        $mail->send();  
  
echo 'Message has been sent';  
  
        } catch (Exception $e) {            echo "Message could not be  
sent. Mailer Error: {$mail->ErrorInfo}";  
  
        }  
  
        echo "</div>";  
  
        $msg = "<div class='alert alert-info'>We've send a verification link on your email  
address.</div>";  
  
        } else {  
  
        $msg = "<div class='alert alert-danger'>Something wrong went.</div>";  
  
        }  
  
        } else {  
  
        $msg = "<div class='alert alert-danger'>Password and Confirm Password do not  
match</div>";  
  
        }  
  
        }  
  
        }  
?>
```

```
<!DOCTYPE html>
```

```
<html lang="zxx">
```

```
<head>
```

```
    <title>Child Safety</title>
```

```
    <!-- Meta tag Keywords -->
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <meta charset="UTF-8" />    <meta
```

```
name="keywords"
```

```
content="Login Form" />
```

<!-- //Meta tag Keywords -->

<link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap" rel="stylesheet">

<!--/Style-CSS -->

<link rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//StyleCSS
-->

<script src="https://kit.fontawesome.com/af562a2a63.js" crossorigin="anonymous"></script>

</head>

<body>

<!-- form section start -->

<section class="w3l-mockup-form">

<div class="container">

<!-- /form -->

<div class="workinghny-form-grid">

<div class="main-mockup">

<div class="alert-close">

</div>

<div class="w3l_form align-self">

<div class="left_grid_info">

</div>

</div>

<div class="content-wthree">

<h2>Register Now</h2>

```

        <?php echo $msg; ?>

        <form action="" method="post">

            <input type="text" class="name" name="name" placeholder="Enter Your Name"
value="<?php if (isset($_POST['submit'])) { echo $name; } ?>" required>

            <input type="email" class="email" name="email" placeholder="Enter Your Email"
value="<?php if (isset($_POST['submit'])) { echo $email; } ?>" required>

            <input type="password" class="password" name="password" placeholder="Enter
Your Password" required>

            <input type="password" class="confirm-password" name="confirm-password"
placeholder="Enter Your Confirm Password" required>

            <button name="submit" class="btn" type="submit">Register</button>

        </form>

        <div class="social-icons">

            <p>Have an account! <a href="index.php">Login</a>.</p>

        </div>

    </div>

</div>

</div>

<!-- //form -->

</div>

</section>

<!-- //form section start -->

<script src="js/jquery.min.js"></script>

<script>

    $(document).ready(function (c) {

        $(' .alert-close').on('click', function (c) {

            $(' .main-mockup').fadeOut('slow', function (c) {

                $(' .main-mockup').remove();

            });

        });

    });

});

</script>

```


</body>

</html>

WELCOME.PHP

```
<?php
```

```
    session_start();                                if
(!isset($_SESSION['SESSION_EMAIL'])) {    header("Location:
index.php");
        die();
    }
```

```
    include 'config.php';
```

```
    $query = mysqli_query($conn, "SELECT * FROM users WHERE
email='{$_SESSION['SESSION_EMAIL']}'");
```

```
    if (mysqli_num_rows($query) > 0) {
        $row = mysqli_fetch_assoc($query);
```

```
        echo "Welcome " . $row['name'] . " <a href='logout.php'>Logout</a>";
```

```
    }
```

```
?>
```

FORGET PWD.PHP

```
<?php
```

```
session_start(); if
(isset($_SESSION['SESSION_EMAIL'])) {    header("Location:
welcome.php");
        die();
    }
```

```

//Import PHPMailer classes into the global namespace //These
must be at the top of your script, not inside a function use
PHPMailer\PHPMailer\PHPMailer; use
PHPMailer\PHPMailer\SMTP; use
PHPMailer\PHPMailer\Exception;

//Load Composer's autoloader require
'vendor/autoload.php';

include 'config.php';

$msg = "";

if (isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $code = mysqli_real_escape_string($conn, md5(rand()));

    if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE email='{ $email }'")) > 0) {
        $query = mysqli_query($conn, "UPDATE users SET code='{ $code }' WHERE email='{ $email }'");

        if ($query) {
            echo "<div style='display:
            none;'>";

            //Create an instance; passing `true` enables exceptions
            $mail = new PHPMailer(true);

            try
            {
                //Server settings

                $mail->SMTPDebug = SMTP::DEBUG_SERVER;           //Enable verbose debug output

                $mail->isSMTP();           //Send using SMTP

                $mail->Host    = 'smtp.gmail.com';           //Set the SMTP server to send through

                $mail->SMTPAuth = true;           //Enable SMTP authentication

                $mail->Username = 'childsafetymonitoring@gmail.com';           //SMTP username

```

```

        $mail->Password = 'bdzqxzgumybikbel'; //SMTP password

        $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS; //Enable implicit TLS
encryption

        $mail->Port = 465; //TCP port to connect to; use 587 if you have set
`SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

        //Recipients

        $mail->setFrom('wartech2022mce@gmail.com');

        $mail->addAddress($email);

        //Content

        $mail->isHTML(true); //Set email format to HTML

        $mail->Subject = "forget password";

        $mail->Body = 'reset password'; <b><a
href="http://localhost/login/changepassword.php?reset='.$code.'">http://localhost/login/changepas
sword.php?reset='.$code.'</a></b>;

        $mail->send(); echo

'Message has been sent';

    } catch (Exception $e) { echo "Message could not be sent.
Mailer Error: {$mail->ErrorInfo}";

    }

    echo "</div>";

    $msg = "<div class='alert alert-info'>We've send a verification link on your email
address.</div>";

    }

    } else {

        $msg = "<div class='alert alert-danger'>$email - This email address do not found.</div>";

    }

}

?>

<!DOCTYPE html>

```

```
<html lang="zxx">
```

```
<head>
```

```
  <title>Login Form - River Water</title>
```

```
  <!-- Meta tag Keywords -->
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
  <meta charset="UTF-8" />  <meta
```

```
name="keywords"
```

```
content="Login Form" />
```

```
  <!-- //Meta tag Keywords -->
```

```
  <link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap" rel="stylesheet">
```

```
  <!--/Style-CSS -->
```

```
  <link rel="stylesheet" href="css/style.css" type="text/css" media="all" />  <!--//StyleCSS
```

```
-->
```

```
  <script src="https://kit.fontawesome.com/af562a2a63.js" crossorigin="anonymous"></script>
```

```
</head>
```

```
<body>
```

```
  <!-- form section start -->
```

```
  <section class="w3l-mockup-form">
```

```
    <div class="container">
```

```
      <!-- /form -->
```

```
      <div class="workinghny-form-grid">
```

```
        <div class="main-mockup">
```

```
          <div class="alert-close">
```

```
            <span class="fa fa-close"></span>
```

```

    </div>

    <div class="w3l_form align-self">

        <div class="left_grid_info">

            

        </div>

    </div>

    <div class="content-wthree">

        <h2>Forgot Password</h2>

        <?php echo $msg; ?>

        <form action="" method="post">

            <input type="email" class="email" name="email" placeholder="Enter Your Email"
required>

            <button name="submit" class="btn" type="submit">Send Reset Link</button>

        </form>

        <div class="social-icons">

            <p>Back to! <a href="index.php">Login</a>.</p>

        </div>

    </div>

</div>

</div>

</div>

<!-- //form -->

</div>

</section>

<!-- //form section start -->

<script src="js/jquery.min.js"></script>

<script>

$(document).ready(function (c) {

    $('alert-close').on('click', function (c) {

        $('main-mockup').fadeOut('slow', function (c) {

            $('main-mockup').remove();

```

```
    });  
    });  
    });  
</script>
```

```
</body>
```

```
</html>
```

LOGOUT.PHP

```
<?php
```

```
session_start(); session_unset();  
session_destroy();
```

```
header("Location: index.php");
```

STYLE.CSS

```
html { scroll-behavior:  
smooth;  
}
```

```
body, html { margin: 0;
padding: 0; font-family:
'Poppins', sans-serif;
}
```

```
* { box-sizing: border-
box;
}
```

```
.d-grid {
display: grid;
}
```

```
.d-flex { display: flex;
display: -webkit-flex;
}
```

```
.text-center { text-align:
center;
}
```

```
.text-left { text-align:
left;
}
```

```
.text-right { text-align:
right;
}
```

```
button, input, select { -
webkit-appearance: none;
```

```
outline: none; font-family:  
'Poppins', sans-serif;
```

```
button,  
.btn, select {  
cursor:  
pointer;  
  
}
```

```
a {  
text-decoration: none;  
}
```

```
img { max-width:  
100%;  
}
```

```
ul {  
margin: 0;  
padding: 0  
}
```

```
h1, h2,  
h3, h4,  
h5, h6,  
p {  
margin: 0;  
padding: 0  
}
```

```
}
```



```
p { color: #666; font-size: 16px; line-height: 25px; opacity: .6; }
```

```
.p-relative { position: relative; }
```

```
.p-absolute { position: absolute; }
```

```
.p-fixed { position: fixed; }
```

```
.p-sticky { position: sticky; }
```

```
.btn, button, .actionbg, input { border-radius: 4px; -webkit-border-radius: 4px; -moz-border-radius: 4px; -o-border-radius: 4px; -ms-border-radius: 4px; }
```

```
.btn:hover, button:hover
```

```
{  
    transition: 0.5s ease;  
    -webkit-transition: 0.5s ease;  
    -o-transition: 0.5s ease;  
    -ms-transition: 0.5s ease;  
    -moz-transition: 0.5s ease; /*-- wrapper start --  
*/ .wrapper { width: 100%; padding-  
right: 15px; padding-  
left: 15px; margin-right:  
auto; margin-left: auto;  
}
```

```
@media (min-width: 576px) {  
    .wrapper { max-  
width: 540px;  
    }  
}
```

```
@media (min-width: 768px) {  
    .wrapper { max-  
width: 720px;  
    }  
}
```

```
@media (min-width: 992px) {  
    .wrapper { max-  
width: 960px;  
    }  
}
```

```
@media (min-width: 1200px) {  
    .wrapper { max-  
  
    }  
}
```

```
width: 1140px;
    }
}
```

```
.wrapper-full {
width: 100%;
padding-right: 15px;
padding-left: 15px;
margin-right: auto;
margin-left: auto;
}
```

```
/*-- //wrapper start --*/
```

```
/*-- form styling --*/ .w3l-mockup-form
{
    position: relative;    min-
height: 100vh;
    z-index: 0;
    background: rgba(99, 194, 110, 0.1);
padding: 40px 40px;
}
```

```
.container {
maxwidth: 890px;
margin: 0 auto;
}
```

```
.w3l_form {    padding: 0px;
flex-basis: 50%;    -webkit-
flexbasis: 50%;    background:
#FFFFFF; padding: 100px 50px;
```

```
border-top-left-radius: 8px;
border-bottom-left-radius: 8px;
    display: flex;    justify-content:
center;    alignitems: center;

.content-wthree {    flex-basis: 60%;    -webkit-
flex-basis: 60%;    boxsizing: border-box;
padding: 3em 3.5em;    background: #fff;    box-
shadow: 2px 9px 49px 17px rgba(0, 0, 0, 0.1);
border-top-right-radius:
8px;    border-bottom-right-radius: 8px;
}
```

```
.w3l-workinghny-form .logo {    text-
align: center;
}
```

```
.w3l-mockup-form .main-mockup {
    position: relative;
display: -webkit-box;
display: -moz-box;
display: -ms-flexbox;
display: -webkit-flex;
display: flex;
margin: 40px 0;
}
```

```
.w3l-mockup-form .alert-close {
    cursor: pointer; height: 35px;
    width: 35px; line-height:
    35px;    position: absolute;
right: -5px;    top: 5px;
}
```

background: #2e9afe;

borderradius: 50px;

color: #fff; text-

align: center;

```
}
```

```
.w3l-mockup-form form {  margin-  
top: 30px;  marginbottom: 30px;  
}
```

```
.social-icons {  textalign:  
center;  
}
```

```
.w3l-mockup-form h1 {  
    text-align: center;  font-  
size: 40px;  fontweight: 500;  
color:  
#3b3663;  
}
```

```
.w3l-mockup-form h2 {  
    display: inline-block;  
font-size: 25px;  
lineheight: 35px;  
marginbottom: 5px;  
fontweight: 600; color:  
#3b3663;  
}
```

```
.w3l-mockup-form input {  
    outline: none;  margin-  
bottom: 15px;  
    font-size: 16px;  
color: #999;  
textalign: left;  
padding: 14px 20px;  
width: 100%;  display:  
inline-block;  box-
```

```
sizing: border-box;
border: none;
outline: none;
background:
transparent; border:
1px solid #e5e5e5;
transition: 0.3s all
ease;
}
```

```
.w3l-mockup-form input:focus { bordercolor:
#00c16e;
}
```

```
.w3l-mockup-form button {
font-size: 18px;
color: #fff;
width: 100%;
background: #87CEEB;
border: none; padding:
14px 15px; fontweight:
500; transition: .3s
ease;
-webkit-transition: .3s ease;
-moz-transition: .3s ease;
-ms-transition: .3s ease;
-o-transition: .3s ease;
}
```

```
.w3l-mockup-form button:hover {
background: #4ca356;
}
```

```
}
```

```
.w3l-mockup-form .social-icons ul li { list-  
style: none;  
display: inline-block;  
.w3l-mockup-form .social-icons ul li a {  
padding: 8px;  
}
```

```
.w3l-mockup-form .social-icons ul li a:hover {  
    opacity: 0.8;  
transition: 0.5s ease;  
    -webkit-transition: 0.5s ease;  
    -o-transition: 0.5s ease;  
    -ms-transition: 0.5s ease;  
    -moz-transition: 0.5s ease;  
}
```

```
.w3l-mockup-form .social-icons ul span.fa {  
color: #696687; font-size: 18px; opacity:  
.8;  
}
```

```
.w3l-mockup-form .social-icons ul li a.facebook span {  
color:  
    #3b5998;  
}
```

```
.w3l-mockup-form .social-icons ul li a.twitter span {  
color: #1da1f2;  
}
```

```
.w3l-mockup-form .social-icons ul li a.pinterest span {  
color: #e60023;
```



```
}
```

```
.copyright p {  text-align:
center;  fontsize: 17px;
lineheight: 26px;  color:
#607863;  opacity: 1;
}
```

```
p.copy-footer-29 a {
color: #517856;
}
```

```
p.copy-footer-29 a:hover {
color: #00c16e;  transition:
0.5s ease;
  -webkit-transition: 0.5s ease;
  -o-transition: 0.5s ease;
  -ms-transition: 0.5s ease;
  -moz-transition: 0.5s ease;
}
```

```
.alert {
padding: 1rem; border-
radius: 5px; color: white;
margin: 1rem 0;
}
```

```
.alert-success {  backgroundcolor:
#42ba96;
}
```

```
}
```

```
.alert-danger { background-color:
#fc5555;
}
```

```
.alert-info { background-
color: #2E9AFE; .alert-
warning { background-color:
#ff9966;
}
```

```
/*-- responsive design --*/
```

```
@media (max-width:736px) { .w3l-mockupform
.main-mockup {
flex-direction: column;
}
```

```
.w3l_form { order: 2;
padding: 50px;
border-radius: 0; borderbottom-left-radius:
8px; borderbottom-right-radius: 8px;
}
.content-wthree {
order: 1; border-radius:
0; border-top-left-radius:
8px; border-top-right-radius:
8px;
}
}
```

```
@media (max-width:568px) { .w3l-mockup-
```

```
form h1 {
    font-size: 30px;
}

.w3l-mockup-form .main-mockup {
    margin: 30px 0;
}

.content-wthree {
padding: 2.5em;
}
}

@media (max-width: 415px) {
.w3l-mockup-form {    padding:
40px 30px;
}

}

@media (max-width:384px) {
.w3l-mockup-form {    padding:
30px 15px;
}

.content-wthree {
    padding: 2em;
}

.w3l-mockup-form h1 {
    font-size: 28px;
}
```

```
}
```

```
.w3l-mockup-form h2 {  
    font-size: 22px;    line-  
height: 32px;  
}
```

```
.copyright p {    fontsize:  
16px;
```

```
}  
}
```

```
/*-- //responsive design --*/
```

```
/*-- //form styling --*/
```