

Date	01 November 2022
TeamID	PNT2022TMID49498
ProjectName	Real Time River Water Quality Monitoring and Control System
MaximumMarks	8Marks

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);

```



```

        </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 = 'poqxoihjlzvvac';           //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" />    <!--//Style-  
CSS -->
```

```
    <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! Login.</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  = 'bdzqxzgumyibikbel';           //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" />    <!--//Style-
CSS -->

    <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>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! Login.</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>
```

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 {    max-  
width: 890px;  
margin: 0 auto;  
}
```

```
.w3l_form {    padding: 0px;  
flex-basis: 50%;    -webkit-flex-  
basis: 50%;    background:  
#FFFFFF; padding: 100px 50px;  
border-top-left-radius: 8px;  
border-bottom-left-radius: 8px;  
    display: flex;  
    justify-content: center;    align-  
items: center;  
}
```

```
.content-wthree {  
    flex-basis: 60%;  -webkit-flex-basis: 60%;  box-  
sizing: 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; border-  
radius: 50px;  
    color: #fff;  text-  
align: center;
```

```
}
```

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

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

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

```
.w3l-mockup-form h2 {  
    display: inline-block;  
font-size: 25px; line-  
height: 35px; margin-  
bottom: 5px; font-  
weight: 600; color:  
#3b3663;  
}
```

```
.w3l-mockup-form input {  
    outline: none; margin-  
bottom: 15px;  
    font-size: 16px;  
color: #999; text-  
align: 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 { border-
color: #00c16e;
}
```

```
.w3l-mockup-form button {
font-size: 18px;
color: #fff;
width: 100%;
background: #87CEEB;
border: none; padding:
14px 15px; font-
weight: 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; font-
```

```
size: 17px; line-  
height: 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 { background-  
color: #42ba96;  
}
```

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

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

```
}
```

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

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

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

```
.w3l_form { order: 2; padding: 50px; border-radius: 0; border-bottom-left-radius: 8px; border-bottom-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 { font-  
size: 16px;
```

```
}  
}
```

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

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