

### SPRINT 1

Date	07 November 2022
Team ID	PNT2022TMID51098
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;
text-align: 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 = ' poqxoihjlzzvvac '; //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">  
  
<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>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>

<!-- //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 { borderradius: 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%; paddingright: 15px;  
padding-left: 15px;  
margin-right: auto;  
margin-left: auto;  
}  
  
@media (min-width: 576px) {  
  .wrapper { maxwidth: 540px;  
  }  
}  
  
@media (min-width: 768px) {  
  .wrapper { maxwidth: 720px;  
  }
```



```
}

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

@media (min-width: 1200px) {
  .wrapper { maxwidth: 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; minheight: 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; align-items: 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; marginbottom: 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 { textalign: center; font-  
size: 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; borderradius: 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-mockupform .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-mockupform 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; lineheight: 32px;  
}  
.copyright p { fontsize: 16px;  
}  
}  
  
/*-- //responsive design --*/  
  
/*-- //form styling --*/
```

