

Project Development Phase  
Sprint-1: Code

Date	24 October 2022
Team ID	PNT2022TMID41539
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
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>";
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">
```

```

}
} 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;
```

```

<head>
<title>Smart Road Safety Login</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&displa
y=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/af562a
2a63.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>
<!-- //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 =
                    'smartroadsafety247@gmail.com
                    '; //SMTP username
                    $mail->Password = 'uxwlfphdvlzfgebj';
                    //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('smartroadsafety247@gmail.co
    m');
    $mail->addAddress($email);
    //Content
    $mail->isHTML(true); //Set email format
    to HTML
    $mail->Subject = 'smartroadsafety247
    register form';
    $mail->Body = ' click here to login <b><a
    href="http://localhost/login/?verification=
    '.$code.'">
    http://localhost/login/?verification='.$cod
    e.'</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>Login Form - Smart Road
    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&displa
y=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/af562a
2a63.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 =  
'smartroadsafety247@gmail.com';  
//SMTP username  
$mail->Password = 'uxwlfphdvlfzfgbj';  
//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('smartroadsafety247@gmail.co  
        m');  
    $mail->addAddress($email);  
    //Content  
    $mail->isHTML(true); //Set email format  
    to HTML  
    $mail->Subject = 'smartroadsafety247  
        reset password';  
    $mail->Body = 'reset link <b><a  
        href="http://localhost/login/change-  
        password.php?reset='.$code.'">http://loc  
        alhost/login/change-  
        password.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 - Smart Road
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&displa
y=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/af562a
2a63.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>
<!-- //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: #00c16e;
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: #62c16e;
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: #00c16e;
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 --*/
```