

Date	19 November 2022
TeamID	PNT2022TMID47227
ProjectName	Emerging methods for early detection of forest fire.
MaximumMarks	8Marks

CODE

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) {
$q = mysqli_query($conn, "UPDATE users SET code=" WHERE
code='{$_GET['verification']}'");
if ($q) {
$message = "<div class='alert alert-success'>Account verification has been successfully
completed.</div>";
}
} else {
header("Location: index.php");
}
}
if (isset($_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 {
$message= "<div class='alert alert-info'>First verify your account and try again.</div>";
}
} else {

```

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$message= "<div class='alert alert-danger'>Email or password do not match.</div>";
}
}
?>
<!DOCTYPE html>
<html lang="zxx">
<head>
<title>Forest fire detection</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>
<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
session_start();
if (isset($_SESSION['SESSION_EMAIL'])) {
header("Location: welcome.php");
die();
}
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;'>";
$mail = new PHPMailer(true);
try {
$mail->SMTPDebug = SMTP::DEBUG_SERVER;
$mail->isSMTP();
$mail->Host = 'smtp.gmail.com';
$mail->SMTPAuth = true; //Enable SMTP authentication
$mail->Username = 'forestfiredetection13@gmail.com'; //SMTP username
$mail->Password = 'nolubeunltmkypfl';
$mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
$mail->Port = 465; //TCP port to connect to; use 587 if you have set `SMTPSecure
=PHPMailer::ENCRYPTION_STARTTLS`
$mail->setFrom('smartroadsafety247@gmail.com'); $mail->addAddress($email);
$mail->isHTML(true); //Set email format to HTML

```

```

$mail->Subject = 'forestfiredetection13 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>Forest fire detection</title>
<!-- Meta tag Keywords -->
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta charset="UTF-8" />
<meta name="keywords" content="Login Form" />
<link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">
<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>
<section class="w3l-mockup-form">
<div class="container">
<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>
</div>
</div>
</section>
<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>";
}
?>

```

Logout.php

```

<?php
session_start(); session_unset(); session_destroy();
header("Location: index.php");

```

Forgetpwd.php

```
<?php
session_start(); if (isset($_SESSION['SESSION_EMAIL'])) {
header("Location: welcome.php");
die();
}
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 = 'forestfiredetection13@gmail.com'; //SMTP username
$mail->Password = 'nolubeunltmkypfl'; //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

$mail->setFrom('forestfiredetection13@gmail.com');
$mail->addAddress($email);
//Content
$mail->isHTML(true); //Set email format to HTML
$mail->Subject = 'smartroadsafety247 reset password';
$mail->Body = 'reset link <b><a
href="http://localhost/login/changepassword.php?reset='.$code.'">http://localhost/login/changepassword.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>Forest fire detection</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">
<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>
```

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-workinghny-form
.logo {
text-align: center;
}
.w3l-mockup-form .main- mockup {
position: relative; display: -webkit-box; display: -moz-box; display: -msflexbox; 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: #eba134; 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: #eba134;
}
.w3l-mockup-form button { font-size: 18px;
color: #fff; width: 100%;
background: #eba134; 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: #FF8C00;
}
.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: #eba134;
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:
#eba134;
}
.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;
}
}
```