

Date	01 November 2022
TeamID	PNT2022TMID13109
ProjectName	Emerging methods for early detection of forest fire.
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);

```

```

        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>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>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>
</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>

```

```
<?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 = '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 `SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

                    //Recipients

                    $mail->setFrom('smartroadsafety247@gmail.com');           $mail-
>addAddress($email);

                    //Content

                    $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" />

```

```

    <!-- //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>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 = '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
`SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

//Recipients

$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/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>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>
```

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: #eba134;
```

```
    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: #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;  
  
}  
  
}  
  
/*-- //responsive design --  
*/  
  
/*-- //form styling --*/
```