TeamID	PNT2022TMID23181
ProjectName	Emerging methods for early detection of forest fire.

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"</pre>
rel="stylesheet">
  <!--/Style-CSS -->
  k rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//StyleCSS</pre>
-->
  <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">
               <img src="login1.jpeg" alt="">
             </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>
               <a href="forgot-password.php" style="margin-bottom: 15px; display: block;</p>
textalign: right;">Forgot Password?</a>
               <button name="submit" name="submit" class="btn" type="submit">Login</button>
             </form>
             <div class="social-icons">
               Create Account! <a href="register.php">Register</a>.
             </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
```

```
//These must be at the top of your script, not inside a function use
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"</pre>
rel="stylesheet">
```

<!--/Style-CSS -->

```
k rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//StyleCSS</pre>
-->
  <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">
               <img src="reg1.jpeg" alt="">
             </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">
               Have an account! <a href="index.php">Login</a>.
            </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
                                                                                                                                                                               if
     session_start();
(!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'])) \ \{ \quad header("Location: \ he
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; 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
                                                 //Enable SMTP authentication
        $mail->SMTPAuth = true;
                                                                                      $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"</pre>
rel="stylesheet">
  <!--/Style-CSS -->
  k rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//StyleCSS</pre>
-->
  <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">
               <img src="fog1.jpeg" alt="">
             </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">
               Back to! <a href="index.php">Login</a>.
             </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\text{-relative} \ \{
position: relative;
}
. p\text{-}absolute \ \{
position: absolute;
```

```
}
.p-fixed {
position: fixed;
}
. p\text{-sticky} \ \{
position: sticky;
}
.btn, button,
.actionbg, input {
border-radius: 4px;
  -webkit-border-radius:
4рх;
  -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:
Opx; flex-basis: 50%; -
webkit-flex-basis: 50%;
background: #eba134;
padding: 100px 50px;
border-top-left-radius:
8px;
  border-bottom-
leftradius: 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-rightradius:
8px;
}
. w3 l-working hny-form\\
.logo { text-align:
center;
}
. w3l\hbox{-}mockup\hbox{-}form \ .mainmockup
{
```

```
position: relative;
display: -webkit-box;
display: -moz-box;
display: -ms-flexbox;
display: -webkit-flex;
display: flex; margin:
40px 0;
}
.w3l-mockup-form
.alertclose { 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;
}
. w3 l-mockup-form\\
.socialicons 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
.socialicons ul span.fa {
color: #696687; font-
size: 18px; opacity: .8;
}
.w3l-mockup-form .socialicons
ul li a.facebook span
```

```
{
  color: #3b5998;
}
.w3l-mockup-form .socialicons
ul li a.twitter span { color:
#1da1f2;
}
.w3l-mockup-form .socialicons
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-leftradius:
8px;
    border-bottom-rightradius:
8рх;
  }
  . content\text{-}wthree \, \{
    order: 1;
                  border-
radius: 0;
    border-top-left-radius: 8px;
    border-top-rightradius:
8рх;
  }
}
@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-
          padding: 40px
form {
30px;
  }
}
@media (max-
width:384px) { .w3l-mockup-
form {
          padding: 30px 15px;
  }
```

```
. content\text{-}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 --*/
```