DATE	16 November 2022
TEAM ID	PNT2022TMID51523
PROJECT NAME	Emerging method for early detection of forest fire
MAXIMUM MARKS	8 marks

INDEX.PHP

```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);
```

```php
        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">
    <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>
        <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>
<!-- //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
<?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 {
```

```php
        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>';
```

```php
            $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>";

    }

  }

?>
```

```html
<!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 -->
```

```html
    <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">

                            <img src="reg1.jpeg" alt="">

                        </div>

                    </div>

                    <div class="content-wthree">

                        <h2>Register Now</h2>


                        <?php echo $msg; ?>

                        <form action="" method="post">
```

```html
                    <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
</html>
```

WELCOME.PHP

```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
<?php


session_start(); if

(isset($_SESSION['SESSION_EMAIL'])) {

header("Location: welcome.php");

    die();

}
```

```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;


//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
```

```php
        $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>";

  }
}


?>
```

```html
<!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">
```

```html
<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">

      <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) {
```

```javascript
        $('.alert-close').on('click', function (c) {

            $('.main-mockup').fadeOut('slow', function (c) {
                $('.main-mockup').remove();

            });

        });

    });

  </script>
```

```html
</body>


</html>
```

LOGOUT.PHP

```php
<?php


session_start(); session_unset();

session_destroy();



header("Location: index.php");
```

STYLE.CSS

```css
html {

    scroll-behavior: smooth;

}



body,

html {

    margin: 0;
```

```css
    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 {

```css
    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;

}
```

```css
a {

    text-decoration: none;

}


img {

    max-width: 100%;

}


ul {

    margin: 0;

    padding: 0

}


h1,

h2,

h3,

h4,

h5,

h6,

p {

    margin: 0;

    padding: 0

}
```

```css
p {

   color: #666;

   font-size: 16px;

   line-height: 25px;

   opacity: .6;

}


.p-relative

   { position:

   relative;

}


.p-absolute

   { position:

   absolute;

}


.p-fixed

   { position:

   fixed;

}
```

```css
.p-sticky

  { position:

  sticky;

}
```

```css
.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;

}
```

```css
/*-- 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;

    }

}
```

```css
@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;

}
```

```css
/*-- //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;
```

```css
    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;

}
```

```css
.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;
```

```css
    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;

}
```

```css
.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;
```

```css
    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;
```

```css
  -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;
```

```css
  -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;
```

```css
}

.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;
```

```css
    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 {
```

```css
    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 {

```css
      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;

   }
```

```css
.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;

}
```

```css
.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 --*/
```