Date	01 November 2022
TeamID	PNT2022TMID18626
ProjectName	Fertilizers recommendation system for disease prediction
MaximumMarks	8Marks

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);

    if (mysqli_num_rows($result) === 1) {
$row = mysqli_fetch_assoc($result);
```

```php
        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>";
    }
  }
?>
```

```html
<!DOCTYPE html>
<html lang="zxx">

<head>
   <title>DiseasePrediction</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>
```

```html
            <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>
    </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)
{
```

```php
    $msg = "<div class='alert alert-danger'>{$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   = 'thinkersfree978@gmail.com'
';            //SMTP username

                    $mail->Password   = 'utkffmzzozxoxram';                    //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('thinkersfree978@gmail.com                                ');
$mail>addAddress($email);


                    //Content

                    $mail->isHTML(true);                    //Set email format to HTML
```

```php
        $mail->Subject = 'thinkersfree978register 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>";

    }
   }
 }
?>
```

```html
<!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
```

```html
        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">

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

              </div>

            </div>
```

```html
        <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
<?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
```

```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);
```

```php
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   = 'thinkersfree978@gmail.com ';         //SMTP username

    $mail->Password   = ' utkffmzzozxoxram ';                //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('thinkersfree978@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/chang
epas 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>";
```

```php
        $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>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&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>
```

```html
</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">
              <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
<?php

session_start();                    session_unset();
session_destroy();


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

STYLE.CSS

```css
html {     scroll-behavior:
smooth;
}


body,  html
{    margin:
0;
padding: 0;

  font-family:   'Poppins',   sans-
serif;
}


* {    box-sizing: border-
box;
}


.d-grid          {
display: grid;
}
```

```css
.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;
```

```css
  font-family: 'Poppins', sans-
serif;

}


button, .btn,

select { cursor:

pointer;

}


a { text-decoration:

none;

}


img { max-width:

100%;

}


ul {

margin: 0;

padding: 0

}
```

```css
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;

}
```

```css
.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;
```

```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;

    }

}
@media (min-width:

992px) {     .wrapper {

max-width: 960px;
```

```css
    }

}


@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 {
```

```css
    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:        #1da1f2;

padding:    100px    50px;

border-top-left-radius:

8px;
```

```css
   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;

}


.w3l-workinghny-form
```

```css
.logo {    text-align:

center;

}


.w3l-mockup-form .mainmockup

{

    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:   #1da1f2;

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;
```

```css
    background:
transparent; border: 1px
solid #e5e5e5;

    transition: 0.3s all ease;

}


.w3l-mockup-form

input:focus {     border-

color: #1da1f2;

}


.w3l-mockup-form button {

    font-size:        18px;

color: #fff;        width:

100%;     background:

#1da1f2;        border:

none;    padding: 14px

15px;       font-weight:

500;      transition: .3s

ease;

    -webkit-transition: .3s
ease;

    -moz-transition:        .3s
ease;
```

```css
  -ms-transition: .3s ease; -o-transition: .3s ease;

}


.w3l-mockup-form

button:hover          {

background: #1da1f2;

}


.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

.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 .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;

}
```

```css
p.copy-footer-29    a:hover    {

color: #1da1f2; 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:
#1da1f2;

}
```

```css
.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;

    }
```

```css
.w3l_form {

    order: 2;

padding: 50px;

border-radius: 0;

    border-bottom-leftradius:

8px;

    border-bottom-rightradius:

8px;

    }


    .content-wthree {

    order: 1;        border-

radius: 0;

    border-top-left-radius:

8px;

    border-top-rightradius:

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          {
```

```css
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 --*/
```