# Project Development Phase
## Sprint-1

| TeamID | PNT2022TMID28630 |
|---|---|
| ProjectName | Emerging methods for early detection of forest fire. |

**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>
```

```html
            <div class="w3l_form align-self">

  required>
   <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"

                                            <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
```

```php
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>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");
```

<u>**STYLE.CSS**</u>

```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;

}


.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;
```

```
    -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 --*/
```