PROJECT DEVELOPMENT PHASE

SPRINT-1

Date	07 November 2022
Team ID	PNT2022TMID25946
Project Name	ESTIMATION OF CROP YIELD PREDICTION USING DATA ANALYTICS

REGISTRATION FORM:

CODING:

```
<html>
<head>
   <title>Register</title>
   <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
   <br>
   <center><h1>Registration Form</h1></center>
   <section id="form-details" class="section-p1">

 <center>
   <form action="register.php" method="post" name="form1">
     <table width="100%">
       <tr>
         <td><label class="l1">Name</label></td>
         <td><input type="text" name="name" required></td>
       </tr>
       <tr>
         <td><label class="l1">Email</label></td>
         <td><input type="email" name="email" required></td>
```

```
    </tr>
    <td><label class="l1">Password</label></td>
    <td><input type="password" name="password" required></td>
    </tr>
    <tr>
      <td></td>
      <td><input      type="submit"      class="normal"      name="register"
value="Register"></td>
    </tr>
  </table>
  <a href="login.php">Login</a>

  <?php
  //including the database connection file
  include_once("db-config.php");

  // Check If form submitted, insert user data into database.
  if (isset($_POST['register'])) {
    $name    = $_POST['name'];
    $email   = $_POST['email'];
    $password = $_POST['password'];

    // If email already exists, throw error
    $email_result = mysqli_query($mysqli, "select 'email' from users where
email='$email' and password='$password'");

    // Count the number of row matched
    $user_matched = mysqli_num_rows($email_result);

    // If number of user rows returned more than 0, it means email already exists
    if ($user_matched > 0) {
```

```php
            echo "<br/><br/><strong>Error: </strong> User already exists with the
email id '$email'.";
        } else {
            // Insert user data into database
            $result         =         mysqli_query($mysqli,    "INSERT    INTO
users(name,email,password) VALUES('$name','$email','$password')");

            // check if user data inserted successfully.
            if ($result) {
                echo "<br/><br/>User Registered successfully.";
            } else {
                echo "Registration error. Please try again." . mysqli_error($mysqli);
            }
        }
    }

    ?>
    </form>
    </center>
    <div class="imgsec">
        <div>
            <img class="a1" src="img/reg.jpg">
        </div>
    </div>
</section>
</body>
</html>
```

LOGIN FORM :

CODING:

```php
<?php
// Create database connection using config file
include_once("db-config.php");
// If form submitted, collect email and password from form
if (isset($_POST['login'])) {
  $email    = $_POST['email'];
  $password = $_POST['password'];

  // Check if a user exists with given username & password
  $result = mysqli_query($mysqli, "select 'email', 'password' from users
    where email='$email' and password='$password'");

  // Count the number of user/rows returned by query
  $user_matched = mysqli_num_rows($result);

  // Check If user matched/exist, store user email in session and redirect
  if ($user_matched > 0) {

    $_SESSION["email"] = $email;
    header("location: page-1.php");
  } else {
    echo "User email or password is not matched <br/><br/>";
  }
}
?>
<!DOCTYPE html>
<html>
```

```html
<head>
  <title>Login</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body class="b1">
  <center><h1>Login Form</h1></center>
  <section id="form-details" class="section-p1">
    <center>

    <form action="login.php" method="post" name="form1">
      <table width="100%">
        <tr>
          <td><label class="l1">Email</label></td>
          <td><input type="text" name="email"></td>
        </tr>
        <tr>
          <td><label class="l1">Password</label></td>
          <td><input type="password" name="password"></td>
        </tr>
        <tr>
          <td></td>
          <td><input        type="submit"       class="normal"       name="login"
value="Login"></td>
        </tr>
      </table>

      <a href="register.php">Register</a>

    </form>
    </center>
    <div class="imgsec">
```

```
      <div>
         <img class="a1" src="img/reg.jpg">
      </div>
   </div>
</section>
</body>
</html>
```

AFTER LOGIN:

CODING:

```
<!DOCTYPE html>
<html>
<head>
      <meta charset="UTF-8">
      <meta http-equiv="X-UA-Compatible" content="IE=edge">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Logged in </title>
      <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <center><h1>Crop Yield Prediction</h1>
   <section id="form-details" class="section-p1">
    <h1>Logged in Success</h1>
 </section>
 </center>
   </body>
   </html>
```

DATABASE CONNECTIVITY:

CODING:

```php
<?php

$databaseHost    = 'localhost';
$databaseName    = 'register_login';
$databaseUsername = 'test';
$databasePassword = 'test';

$mysqli      =      mysqli_connect($databaseHost,      $databaseUsername,
$databasePassword, $databaseName);

create database register_login_db;

use register_login_db;

CREATE TABLE IF NOT EXISTS `users` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(100) DEFAULT NULL,
  `email` varchar(100) NOT NULL,
  `password` varchar(100) NOT NULL,
  PRIMARY KEY (ID)
);
```

STYLING:

```css
*{
     margin: 0;
     padding: 0;
     box-sizing: border-box;
     font-family: 'Spartan', sans-serif;
}

h1{
     font-size: 50px;
     line-height: 64px;
     color: #222;
}

h2{
     font-size: 46px;
     line-height: 54px;
     color: #222;
}

h4{
     font-size: 20px;
     color: #222;
}

h6{
     font-weight: 700;
     font-size: 12px;
}

p{
```

```css
        font-size: 16px;
        color: #465b52;
        margin: 15px 0 20px 0;
}


.section-p1{

        padding: 40px 80px;
}



.normal{
font-size: 14px;
font-weight: 600;
padding: 15px 30px;
color: #000;
background-color: #2ddfc3;
border-radius: 4px;
cursor: pointer;
border: none;
outline: none;
transition: 0.2s;

}



body{
        width: 100%;
        background-image: url("img/crop1.jpg");
        background-repeat: no-repeat;
        background-size: cover;
}
```

```css
.b1{
    background-image: url("img/crop2.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}

.section-p1{
    padding: 40px 80px;
}
img.a1 {
    width: 100%;
}

.imgsec {
    width: 30%;
}

.l1 {
    color: aliceblue;
}

/* Form */
#form-details{
    display: flex;
    justify-content: space-between;
    margin: 30px;
    padding: 80px;
}

#form-details form{
    width: 90%;
    display: flex;
```

```css
        flex-direction: column;
        align-items: flex-start;
}


#form-details form span{
        font-size: 12px;

}


#form-details form h2{
        font-size: 26px;
        line-height: 35px;
        padding: 20px 0;
}


#form-details form input{
        width: 100%;
        padding: 12px 15px;
        outline: none;
        margin-bottom: 20px;
        border: 1px solid #e1e1e1;
}



#form-details form button{
        background-color: #088178;
        color: #fff;
}


#form-details .imgsec div{
        padding-bottom: 25px;
}
```