**State wise farmers adopted/ benefitted from Micro Irrigation**



**BTech/II Year CSE/III Semester**

**19CSE202/Database Management Systems**

**Case Study Report**

|  |  |
| --- | --- |
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**Connectivity Code:**

<?php

$hostName = "localhost";

$userName = "root";

$password = "";

$databaseName = "farmer";

$conn = new mysqli($hostName, $userName, $password, $databaseName);

// Check connection

if ($conn->connect\_error) {

  die("Connection failed: " . $conn->connect\_error);

}

?>

Climate Page:

<!DOCTYPE html>

<html>

<head>

<style>

    body {

  background-repeat: no-repeat;

  background-attachment: fixed;

  background-size: cover;

}

table, th, td {

  border: 1px solid black;

}

</style>

</head>

<body  background="https://static.eos.com/wp-content/uploads/2020/10/drought-on-the-corn-field.jpg">

<form action="climate.php" method="post">

<h1 align="center"><font color="black"> Climate Details Table</font></h1>

<table style="width:500px;height: 80px" align="center">

  <tr style="height: 20px">

    <th>Temperature</th>

    <th>Precipitation</th>

    <th>Relative\_humidity</th>

  </tr>

  <tr>

    <td><input type="text" name="temperature"></td>

    <td><input type="text" name="precipitation"></td>

    <td><input type="text" name="relative\_humidity"></td>

  </tr>

</table>

<p align="center">

    <button type="submit">Submit</button>

</p>

</form>

</body>

</html>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "farmer";

// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

// Get form data

$temperature = $\_POST["temperature"];

$precipitation = $\_POST["precipitation"];

$relative\_humidity = $\_POST["relative\_humidity"];

// Query the database for the user

// $result = $conn->query("INSERT INTO register ( first\_name,last\_name,email\_id,password,confirm\_password) VALUES ('$first\_name', '$last\_name', '$email\_id', '$password', '$confirm\_password')");

$sql = "INSERT INTO climate (temperature,precipitation,relative\_humidity) VALUES ('$temperature','$precipitation','$relative\_humidity')";

if ($conn->query($sql) === TRUE) {

    header("Location:climate\_details.php");

  } else {

    echo "Error: " . $sql . "<br>" . $conn->error;

  }

$conn->close();

?

Firm page:

<?php

include('farmer.php');

$query = "SELECT firm\_name, sector, irrigation\_type,farmer\_type, fund FROM firm";

$result = $conn->query($query);

?>

<body style="background-color: #20f4df99">

<div>

<table border="1" cellspacing="0" cellpadding="10" align="center">

  <tr>

    <th>firm\_name</th>

    <th>sector</th>

    <th>irrigation\_type</th>

    <th>farmer\_type</th>

    <th>fund</th>

  </tr>

<center><a href="delete.html"> Click here to delete records </a></center>

</div>

</body>

<?php

if ($result->num\_rows > 0) {

  $sn=1;

  while($data = $result->fetch\_assoc()) {

 ?>

 <div background="https://i.gifer.com/origin/f6/f6597675d7799379b6d61bdeb79a91b9.gif">

  <tr>

   <td><?php echo $data['firm\_name']; ?> </td>

   <td><?php echo $data['sector']; ?> </td>

   <td><?php echo $data['irrigation\_type']; ?> </td>

   <td><?php echo $data['farmer\_type']; ?> </td>

   <td><?php echo $data['fund']; ?> </td>

 <tr>

 </div>

 <?php

  $sn++;}} else { ?>

    <tr>

     <td colspan="8">No data found</td>

    </tr>

 <?php } ?>

 </table

<?php

    $servername = "localhost";

    $username = "root";

    $password = "";

    $dbname = "farmer";

    // Create connection

    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection

    if ($conn->connect\_error) {

        die("Connection failed: " . $conn->connect\_error);

    }

    // sql to delete a record

    $farmer\_type = $\_POST["farmer\_type"];

    $irrigation\_type = $\_POST["irrigation\_type"];

    $sql = "DELETE FROM firm WHERE farmer\_type='$farmer\_type' and irrigation\_type='$irrigation\_type'";

    // $result = $conn->query("DELETE FROM firm WHERE farmer\_type='$farmer\_type' and irrigation\_type='$irrigation\_type'");

    if ($conn->query($sql) === TRUE) {

       header("Location:card.html");

    } else {

        echo "Error deleting record: " . $conn->error;

    }

    /\*if ($result->num\_rows > 0) {

        header("Location:irrigation.html");

    } else {

        // If the user does not exist, show an error message

        echo "Incorrect login information";

    }\*/

    $conn->close();

?>

**Html code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <link href="card.css" rel="stylesheet">

<section class="hero-section">

  <div class="card-grid">

    <a class="card" href="home\_pg\_new.html">

        <div class="card\_\_background" style="background-image: url(https://3.bp.blogspot.com/-D4wJz\_k2SWE/Vwe-lWxvHEI/AAAAAAAAGCg/vcNPwyWG0YQsToem4aWIngHZojIIjoCJg/s1600/shutterstock\_56180707.jpg)"></div>

        <div class="card\_\_content">

          <p class="card\_\_category">Details</p>

          <h3 class="card\_\_heading">HOME</h3>

        </div>

      </li>

      <a class="card" href="contact.html">

        <div class="card\_\_background" style="background-image: url(https://thumbs.dreamstime.com/b/indian-farmer-using-mobile-phone-chickpea-field-indian-farmer-using-mobile-phone-chickpea-field-139745313.jpg)"></div>

        <div class="card\_\_content">

          <p class="card\_\_category">Details</p>

          <h3 class="card\_\_heading">CONTACT</h3>

        </div>

      </a>

    <a class="card" href="register.html">

      <div class="card\_\_background" style="background-image: url(https://tse4.mm.bing.net/th?id=OIP.sMTMb5kcJyyqgQdt2LgvMwHaD2&pid=Api&P=0)"></div>

      <div class="card\_\_content">

        <p class="card\_\_category">Details</p>

        <h3 class="card\_\_heading">REGISTER</h3>

      </div>

    </a>

    <a class="card" href="irrigation.html">

      <div class="card\_\_background" style="background-image: url(https://tse3.mm.bing.net/th?id=OIP.HlSLio-rYbpoPgH8HjNEhgHaEK&pid=Api&P=0)"></div>

      <div class="card\_\_content">

        <p class="card\_\_category">Details</p>

        <h3 class="card\_\_heading">IRRIGATION</h3>

      </div>

    </a>

    <a class="card" href="climate.html">

      <div class="card\_\_background" style="background-image: url(https://tse4.mm.bing.net/th?id=OIP.2ksTaugCz84UiwntY1iVOQHaE7&pid=Api&P=0)"></div>

      <div class="card\_\_content">

        <p class="card\_\_category">Details</p>

        <h3 class="card\_\_heading">CLIMATE</h3>

      </div>

    </li>

    <a class="card" href="soil.html">

      <div class="card\_\_background" style="background-image: url(https://static.independent.co.uk/s3fs-public/thumbnails/image/2016/04/05/19/pp-soil-rf-gettyc.jpg)"></div>

      <div class="card\_\_content">

        <p class="card\_\_category">Details</p>

        <h3 class="card\_\_heading">SOIL</h3>

      </div>

    </a>

    <a class="card" href="firm.html">

        <div class="card\_\_background" style="background-image: url(https://tse2.mm.bing.net/th?id=OIP.2IcOlQamFOpGzfZ\_DcUrUAHaE8&pid=Api&P=0)"></div>

        <div class="card\_\_content">

          <p class="card\_\_category">Details</p>

          <h3 class="card\_\_heading">FIRM</h3>

        </div>

      </a>

      <a class="card" href="state.html">

        <div class="card\_\_background" style="background-image: url(https://www.researchgate.net/publication/325067830/figure/download/fig8/AS:624784899596298@1525971736458/The-major-crop-growing-areas-of-India-Growing-regions-for-the-primary-crop-of-rice.png)"></div>

        <div class="card\_\_content">

          <p class="card\_\_category">Details</p>

          <h3 class="card\_\_heading">STATE</h3>

        </div>

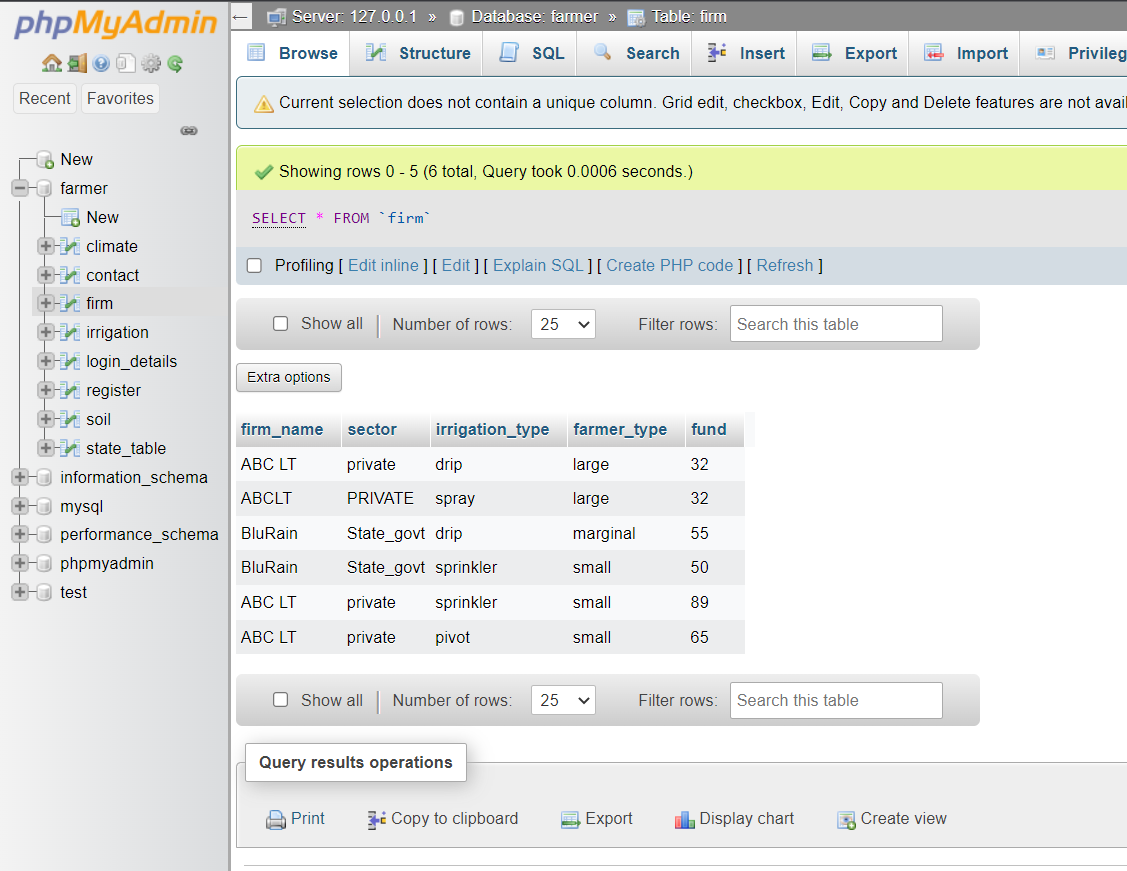
      </a>

  <div>

</section>

</body>

</html>

****