

## IMPLEMENTATION

```

crop.php  x  index.php  x  review.php  x
<body>
  <div class="blackbox">
    <div class="container" >
      <div class="navbar">
        
        <nav style="margin-top: -30px;">
          <ul id="menuList">
            <li><a href="admin.php">Admin/అడ్మిన్/వ్యవస్థాపక</a></li>
            <li><a href="farmer.php">Farmer/రైతు/కిసాన్</a></li>
            <li><a href="review.php">Review/సమీక్ష/సమీక్ష</a></li>
          </ul>
        </nav>
        
      </div>

      <div class="row">
        <div class="col-1">
          <h style="font-size: 38px;">CROP:</h><br><h style="font-size: 35px;">
            The cultivated produce of the ground.</h>
          <h3>Let's select good crop and detect the good yield.</h3>
          <p>Hope this helps you 😊!</p>
          <h4>Contact us at:</h4>
          <button type="button" class="button button1">Call/కాల్ చేయండి/కుతానా : 180 300 900</button>
        </div>
        <div class="col-2">
          
        </div>
      </div>
    </div>
  </div>
</body>

```

Fig 9. Home page

```

crop.php  x  admin.php  x  review.php  x
<div class="container">
  <div class="img">
    
  </div>
  <div class="login-content">
    <form action="validate.php" method="POST">
      
      <h2 class="title">Welcome</h2>
      <div class="input-div one">
        <div class="i">
          <i class="fas fa-user"></i>
        </div>
        <div class="div">
          <h5>Username</h5>
          <input name="adminname" type="text" class="input">
        </div>
      </div>
      <div class="input-div pass">
        <div class="i">
          <i class="fas fa-lock"></i>
        </div>
        <div class="div">
          <h5>Password</h5>
          <input name="password" type="password" class="input">
        </div>
      </div>
      <input type="submit" name="login" class="btn" value="Login">
    </form>
  </div>
</div>

```

Fig 10. Admin login page

```

crop.php x admin.php x upload.php x review.php x
<div class="container">
  <br>
  <h1 class="text-white bg-dark text-center" style="background-color: black; color: white">ENTER CROP
  DETAILS</h1>
  <div class="col-lg-12 m-auto d-block">
    <form method="post">

      <div class="form-group">
        <label for="user">CROPNAME : </label>
        <input type="text" name="cropname" id="user" class="form-control" required="CROPNAME">
      </div>

      <div class="form-group">
        <label for="user">pH : </label>
        <input type="text" name="ph" id="user" class="form-control" required="pH">
      </div>

      <div class="form-group">
        <label for="user">SOIL TYPE : </label>
        <input type="text" name="soiltype" id="user" class="form-control" required>
      </div>

      <div class="form-group">
        <label for="user">WATER LEVEL : </label>
        <input type="text" name="waterlevel" id="user" class="form-control" required="">
      </div>

      <div class="form-group">
        <label for="user">SEASON : </label>
        <input type="text" name="season" id="user" class="form-control" required="">
      </div>
    </div>
  </div>

```

Fig 11. Storing crop details data into database page

```

crop.php x admin.php x upload.php x farmer.php x review.php x
<div class="blankbox">
  <div class="container">

    <div>
      <table class="center">
        <tr>
          <td style="" class="buttons"><a href="crop.php"><button class="button1">Select Crop/
          పంటను ఎంచుకోండి/फसल चुने</button></a></td>
          <td style="width: 20px;"></td>
          <td style="" class="buttons"><a href="details.php"><button class="button1">Crop Details
          /పంట వివరాలు/फसल विवरण</button></a></td>
        </tr>
      </table>
    </div>
  </div>
</div>

```

Fig 12. Farmer home page

```

crop.php      admin.php      upload.php      review.php
</div>
</nav>

<div class="container-fluid">
  <br>
  <h1 class="text-white bg-dark text-center" style="background-color: black; color: white">ENTER DETAILS AND PREDICT THE CROP</h1>
  <div class="col-lg-12 m-auto d-block">
    <form method="GET">

      <div class="form-group">
        <label for="user">pH / నేల యొక్క pH / मिट्टी का ph : </label>
        <input type="text" name="ph" id="user" class="form-control" required>
      </div>

      <div class="form-group">
        <label for="user">SOIL TYPE / నేల రకం / मिट्टी के प्रकार : </label>
        <select name="soiltype" class="form-control">
          <option>Select / ఎంచుకోండి / चुनते हैं</option>
          <option value="red/ఎర్ర నేల/लाल मिट्टी">red/ఎర్ర నేల/लाल मिट्टी</option>
          <option value="black/నీల నేల/काली मिट्टी">black/నీల నేల/काली मिट्टी</option>
          <option value="loamy/లోమ నేల/बलुई मिट्टी">loamy/లోమ నేల/बलुई मिट्टी</option>
          <option value="sandy loam/ఇసుక మట్టి/बलुई दोमट मिट्टी">sandy loam/ఇసుక మట్టి/बलुई दोमट मिट्टी</option>
          <option value="alluvial/ఒండ్రు నేల/जलोढ़ मिट्टी">alluvial/ఒండ్రు నేల/जलोढ़ मिट्टी</option>
          <option value="clayey/బంకమట్టి నేల/चिकनी मिट्टी">clayey/బంకమట్టి నేల/चिकनी मिट्टी</option>
          <option value="sandy/ఇసుక నేల/रेत भरी मिट्टी">sandy/ఇసుక నేల/रेत भरी मिट्टी</option>
        </select>
      </div>

      <div class="form-group">
        <label for="user">WATER LEVEL / నీటి పరిమాణం / पानी की मात्रा : </label>
        <select name="waterlevel" class="form-control">
          <option>Select / ఎంచుకోండి / चुनते हैं</option>
          <option value="high/అధిక/उच्च">high/అధిక/उच्च</option>
          <option value="medium/మధ్యస్థ/मध्यम">medium/మధ్యస్థ/मध्यम</option>
          <option value="low/తక్కువ/कम">low/తక్కువ/कम</option>
        </select>
      </div>

      <div class="form-group">
        <label for="user">SEASON / బుతువు / मौसम : </label>
        <select name="season" class="form-control">
          <option>Select / ఎంచుకోండి / चुनते हैं</option>
          <option value="kharif/ఖరీఫ్/खरीफ">kharif/ఖరీఫ్/खरीफ</option>
          <option value="rabi/రబీ/रबी">rabi/రబీ/रबी</option>
          <option value="zaid/జైద్/ज़ैद">zaid/జైద్/ज़ैद</option>
        </select>
      </div>
    </div>
  </div>

```

Fig 13. Crop predict page

```

crop.php      details.php      admin.php      upload.php      review.php
<div class="container-fluid">
  <table id="tabledata" class=" table table-striped table-hover table-bordered">

    <tr class="bg-dark text-white text-center" style="background-color: black;color: white;">
      <th style="text-align: center;"> CROP NAME / పంట పేరు / फसल का नाम </th>
      <th style="text-align: center;"> PH VALUE </th>
      <th style="text-align: center;"> SOIL TYPE / నేల రకం / मिट्टी के प्रकार </th>
      <th style="text-align: center;"> WATER LEVEL / నీటి పరిమాణం / पानी की मात्रा </th>
      <th style="text-align: center;"> SEASON / బుతువు / मौसम </th>
    </tr>

    <?php
    while($res = mysqli_fetch_array($result)){
      >
      <tr class="text-center">
        <td> <b><?php echo $res['cropname']; ></b> </td>
        <td> <b><?php echo $res['ph']; ></b> </td>
        <td> <b><?php echo $res['soiltype']; ></b> </td>
        <td> <b><?php echo $res['waterlevel']; ></b> </td>
        <td> <b><?php echo $res['season']; ></b> </td>
      </tr>

      <?php
    }
    >
  </table>

```

Fig 14. Crop details page

```
crop.php x details.php x admin.php x upload.php x review.php x
<div id="review_modal" class="modal" tabindex="-1" role="dialog">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Submit Review</h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body">
        <h4 class="text-center mt-2 mb-4">
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_1" data-rating="1"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_2" data-rating="2"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_3" data-rating="3"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_4" data-rating="4"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_5" data-rating="5"></i>
        </h4>
        <div class="form-group">
          <input type="text" name="user_name" id="user_name" class="form-control" placeholder="Enter Your Name" />
        </div>
        <div class="form-group">
          <textarea name="user_review" id="user_review" class="form-control" placeholder="Type Review Here"></textarea>
        </div>
        <div class="form-group text-center mt-4">
          <button type="button" class="btn btn-primary" id="save_review">Submit</button>
        </div>
      </div>
    </div>
  </div>
</div>
```

Fig 15. Review page

## RESULT

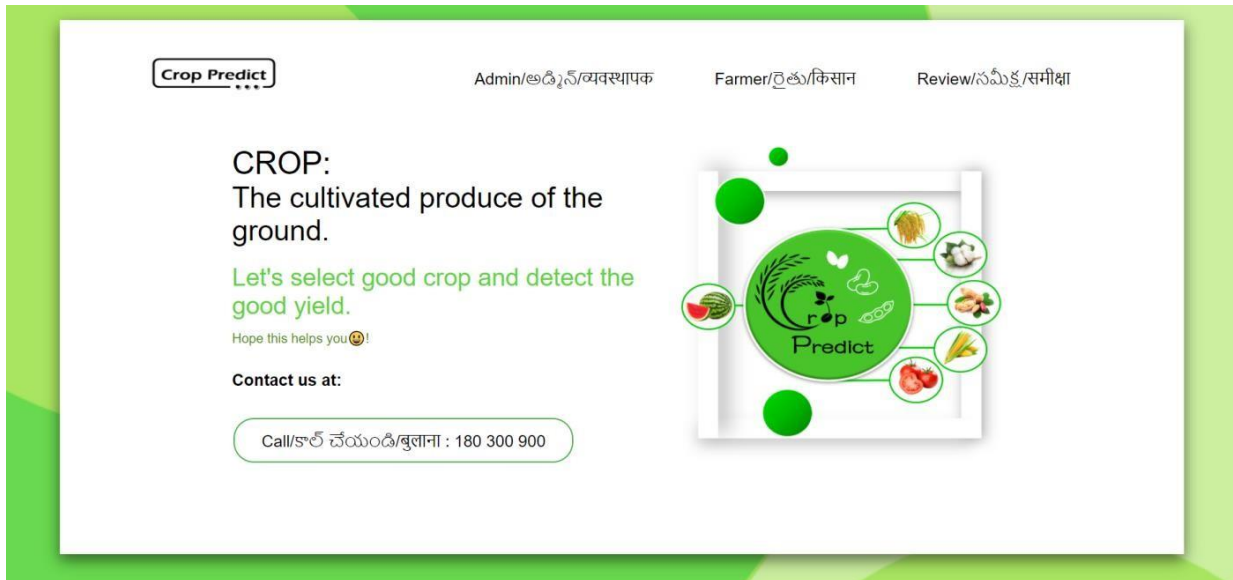


Fig 16. Home page

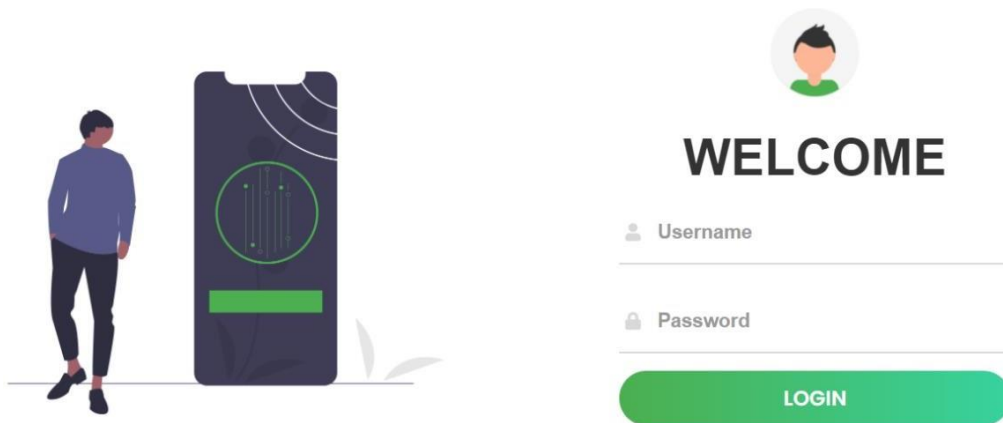


Fig 17. Admin login page

**ENTER CROP DETAILS**

CROPNAME :

pH :

SOIL TYPE :

WATER LEVEL :

SEASON :

Fig 18. Storing crop name and its requirements to grow into database

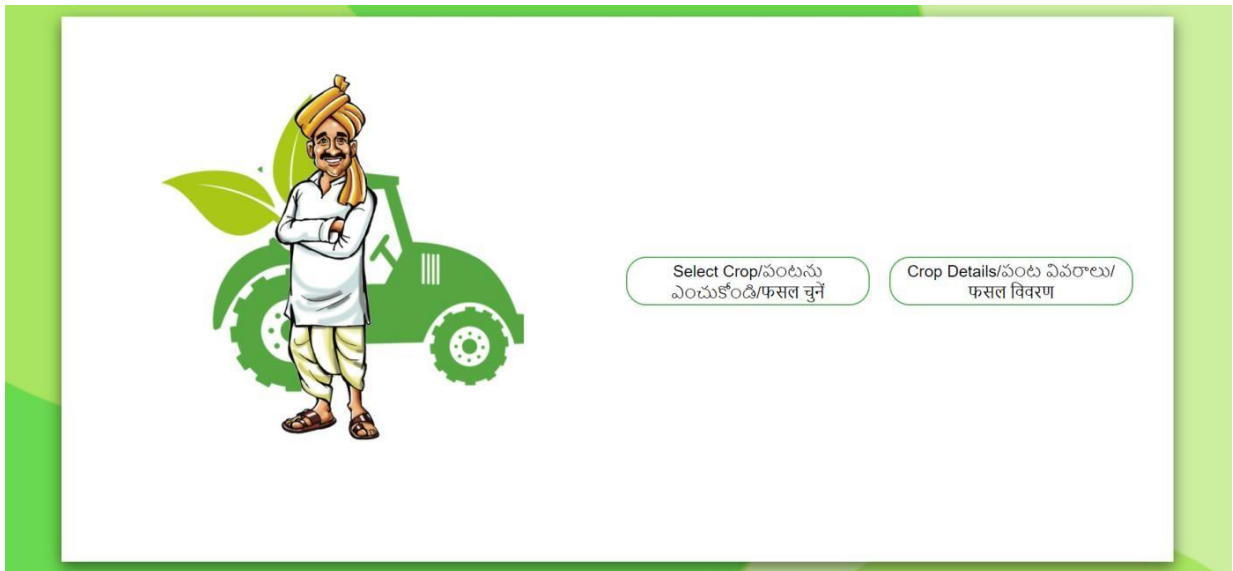


Fig 19. Farmer home page



## ENTER DETAILS AND PREDICT THE CROP

pH / నేల యొక్క pH / मिट्टी का pH :

SOIL TYPE / నేల రకం / मिट्टी के प्रकार :

WATER LEVEL / నీటి పరిమాణం / पानी की मात्रा :

SEASON / ఋతువు / मौसम :

Submit

CROP NAME / పంట పేరు / फसल का नाम	PH VALUE	SOIL TYPE / నేల రకం / मिट्टी के प्रकार	WATER LEVEL / నీటి పరిమాణం / पानी की मात्रा	SEASON / ఋతువు / मौसम
paddy/పరి/धान का खेत	7	red/ఎర్ర నేల/लाल मिट्टी	high/అధిక/उच्च	kharif/ఖరీఫ్/खरीफ
corn/మొక్కజొన్న/मक्का	5	black/నల్ల నేల/काली मिट्टी	medium/మధ్యస్థ/मध्यम	rabi/రబీ/रबी
wheat/గోధుమగొడ్డు	7	loamy/లోమీ నేల/बलुई मिट्टी	medium/మధ్యస్థ/मध्यम	rabi/రబీ/रबी

Fig 20. Crop predict Page

## ENTER CROP NAME

CROP NAME / పంట పేరు / फसल का नाम :

Submit

CROP NAME / పంట పేరు / फसल का नाम	PH VALUE	SOIL TYPE / నేల రకం / मिट्टी के प्रकार	WATER LEVEL / నీటి పరిమాణం / पानी की मात्रा	SEASON / ఋతువు / मौसम
paddy/పరి/धान का खेत	7	red/ఎర్ర నేల/लाल मिट्टी	high/అధిక/उच्च	kharif/ఖరీఫ్/खरीफ
corn/మొక్కజొన్న/मक्का	5	black/నల్ల నేల/काली मिट्टी	medium/మధ్యస్థ/मध्यम	rabi/రబీ/रबी
wheat/గోధుమగొడ్డు	7	loamy/లోమీ నేల/बलुई मिट्टी	medium/మధ్యస్థ/मध्यम	rabi/రబీ/रबी

Fig 21. If farmer select crop name it displays that crop requirements