



KCG COLLEGE OF TECHNOLOGY
KARAPAKKAM
CHENNAI

PROJECT DEVELOPMENT PHASE- SPRINT 1

TOPIC: ESTIMATE THE CROP YIELD USING DATA
ANALYTICS

TEAM ID: PNT2022TMID27387

TEAM MEMBERS:

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1. Dashboard

<!D
OC
TYP
E
html
>

```
<html lang="en">
<head>
  <title>Estimate The Crop Yield Using Data Analytics</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></scrip
t>
  <style>
      body{
          background-align:center;
          background-size: cover;
      }
      a:link, a:visited {
          background-color: #004d26;
          color: white;
          padding: 15px 25px;
          text-align: center;
          text-decoration: none;
          display: inline-block;
          border: white;
          border-width:4px;
          border-style:dashed;
      }
      a:hover, a:active {
          background-color: DarkBlue;
          font-size: 140%;
      }
      h2{
          font-size:35px;
          color: white;
          position: absolute;
          top:20px;
          right: 300px;
      }
  </style>
</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col">
        <h1>Estimate The Crop Yield Using Data Analytics</h1>
      </div>
    </div>
  </div>
</body>
</html>
```

```

        h4{
            font-size:30px;
            color: white;
        }
        p{
            font-size:25px;
            color: white;
        }

</style>
</head>
<body background="3.png">
    <div class="container-md">
        <div class="p-5">
            <div class="p-5">
                <br>
                <h2>ESTIMATE THE CROP YIELD USING DATA
ANALYTICS</h2><br><br>
                <center>
                    <a
href="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders
%2FDashboard%2FEstimate%2BCrop%2BYield%2BUsing%2BData%2BAnalytics&acti
on=view&mode=dashboard&subView=model000001840e8a4ad7_00000002"
target="_self">View Live Dashboard</a><br><br>
                    <p>Or</p>
                    <a
href="https://drive.google.com/file/d/1oG7L7UjUBcWpfH_L_-
wTNHoLVGxmPRGv/view?usp=sharing" target="_self">View Dashboard</a><br><br>
                    <h4><strong>The Dashboard is based on 5
visualizations.<br></h4>

                    <p>
                        They are :<br>
                        1.Average Crop Production by
Seasons<br>
                        2.Yearly usage of Area in Crop
Production<br>
                        3.Top 10 States in Crop Yield Production
by Area<br>
                        4.Crop Production by State<br>
                        5.States with Seasonal Crop Production
using a Text representation<br>
                    </p>
                </center>
            </div>
        </div>
    </div>
</div>

```

```
</body>
</html>
```

2. Registration

```
<!DOCTYPE
html>

<html lang="en">
<head>
  <title>Registration</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
  <style>
    body{
      background-size: cover;
    }
    h2{
      font-size:40px;
      color: white;
    }
    div.mt-3{
      color: white;
      font-size:20px;
    }
    p{
      font-size:25px;
      color:white;
    }
  </style>
</head>
<body background="1.jpg">
  <br><br>
  <h2><center>REGISTRATION</h2>
  <form>
    <div class="d-flex align-items-center justify-content-center">
      <div class="mb-3 mt-3 p-5 text-dark" >
        <div class="p-5">
          <div class='mt-3'>
            <label for="username" class="form-label">Username</label>
```

```

        <input type="text" class="form-control" id="username" placeholder="Enter your
username" maxlength="20" minlength="3" required>
    </div>
    <div class="mt-3" >
        <label for="password" class="form-label" required>Password</label>
        <input type="password" class="form-control" id="password" placeholder="Enter your
password" maxlength="4">
    </div>
    <div class="mt-3" >
        <label for="password1" class="form-label" required>Reconfirm Password</label>
        <input type="password" class="form-control" id="password1" placeholder="Enter your
password">
    </div>
    <div>
        <br>
        <button type="button" onclick="register()" class="btn btn-primary">Submit</button>
        <input type="reset" class="btn btn-primary">
    </div>
    <br>
    <p>Already an user?<a href="Login.html">Login</a></p>
</div>
</div>
</div>
</form>
<script src="javascript.js"></script>
</body>
</html>

```

3. Collecting information from users

```

var
data
= [
    {
        username:"James",
        password:"a1b2c3"
    },
    {
        username:"Revi",
        password:"xyz123"
    },
    {
        username:"Rudra kumar",

```

```

        password:"alpha@1"
    },
    {
        username:"vikram",
        password:"codered1"
    },
    {
        username:"jaidev",
        password:"x1y23z"
    }
]
function login(){
    var uname = document.getElementById("username").value
    var pass = document.getElementById("password").value

    for (i = 0; i<data.length; i++){
        if (uname == data[i].username && pass == data[i].password){
            window.location.replace("Dashboard.html")
            return false
        }
    }
    alert("Incorrect password")
}
function register(){
    var runame = document.getElementById("username").value
    var rpass = document.getElementById("password").value
    var rpass1 = document.getElementById("password1").value
    if (rpass == rpass1){
        var rdata = {
            username: runame,
            password: rpass
        }
    }else{
        alert("password doesn't match")
        return
    }

    for (i = 0; i<data.length; i++){
        if (runame == data[i].username){
            alert("Username not available")
            return false
        }
    }
    data.push(rdata)
    window.location.replace("Dashboard.html")
}

```

```
}
```

4. Log in page

```
<!DOCTYPE
```

```
html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>Login</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"></script>
```

```
<style>
```

```
body{
```

```
background-size: cover;
```

```
}
```

```
h2{
```

```
font-size:40px;
```

```
color:white;
```

```
}
```

```
div.mt-3{
```

```
font-size:20px;
```

```
}
```

```
p{
```

```
font-size:25px;
```

```
color:white;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body background="2.jpg">
```

```
<br><br>
```

```
<h2><center>LOG IN</h2>
```

```
<form>
```

```
<div class="d-flex align-items-center justify-content-center">
```

```
<div class="mb-3 mt-3 p-5 text-dark" >
```

```
<div class="p-5">
```

```
<div class='mt-3'>
```

```
<label for="username" class="form-label">Username</label>
```

```
<input type="text" class="form-control" id="username" placeholder="Enter your
username" required>
```

```
</div>
```

```
<div class="mt-3" >
  <label for="password" class="form-label" required>Password</label>
  <input type="password" class="form-control" id="password" placeholder="Enter
your password">
</div>
<div>
  <br>
  <button type="button" onclick="login()" class="btn btn-
primary">Submit</button>&nbsp;
  <input type="reset" class="btn btn-primary">
</div>
<br>
<p>New user?&nbsp;<a href="Registration.html"
style="color:white">Register</a></p>

</div>
</div>
</div>
</form>
</div>
</div>
<script src="javascript.js"></script>
</body>
</html>
```