

NAAN MUDHALVAN PROJECT FILE FOR PHASE 4:

PROJECT NAME: SMART WATER MANAGEMENT

Creating a web page to display water consumption data involves HTML for structure, CSS for styling, and JavaScript for interactivity.

HTML (index.html):

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <title>Water Consumption Data</title>
</head>
<body>
  <div class="container">
    <h1>Water Consumption Data</h1>
    <table id="data-table">
      <tr>
        <th>Date</th>
        <th>Consumption (gallons)</th>
      </tr>
      <tr>
        <td>2023-10-01</td>
        <td>120</td>
      </tr>
      <!-- Add more data rows as needed -->
    </table>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

CSS (styles.css):

```
body {
  font-family: Arial, sans-serif;
  text-align: center;
}

h1 {
```

```

    color: #0077b6;
}

#data-container {
    background-color: #f0f0f0;
    padding: 20px;
    margin: 20px;
    border: 1px solid #ccc;
}

```

JavaScript (script.js):

```

// Sample water consumption data
const waterData = [
    { date: '2023-10-01', consumption: 250 },
    { date: '2023-10-02', consumption: 220 },
    // Add more data here
];

// Function to display water consumption data
function displayWaterData() {
    const dataContainer = document.getElementById('data-container');
    dataContainer.innerHTML = '<h2>Water Consumption Data</h2>';

    for (const entry of waterData) {
        dataContainer.innerHTML += `
            <p>Date: ${entry.date}</p>
            <p>Consumption: ${entry.consumption} liters</p>
            <hr>
        `;
    }
}

// Call the function to display the data when the page loads
displayWaterData();

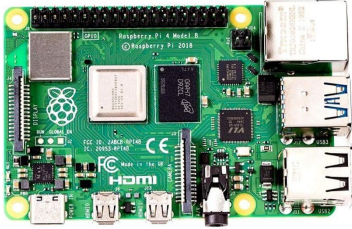
```

This code creates a simple web page that displays water consumption data.

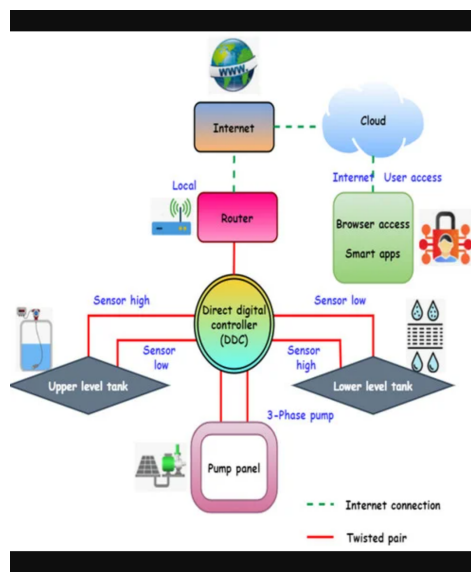
The platform to receive and display water consumption data from IoT sensors;

- 1.IOT sensors network
- 2.Backend system
- 3.Data visualisation
- 4.Feedback mechanism

- 5.Mobile app
- 6.Feedback loop
- 7.Raspberry pi



Smart Water Management based on IOT:



END OF THE FILE

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