**SMART WATER MANAGEMENT**

|  |  |
| --- | --- |
| **Date** | **26-10-2023** |
| **Team ID** | **3927** |
| **Project Name** | **Smart Water MANAGEMENT** |

**WEB DEDVELPOMENT:**

**HTML:**

<html lang ="en">

<head>

<meta charset="UTF-8">

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

<title>Smart Water Management</title>

<style>

body{

font-family: Arial, sans-serif;

background-color: rgb(249, 188, 138);

}

.container{

max width: 800px;

margin: 0 auto;

padding: 20px;

text-align: center;

}

h1{

color: #000000;

}

.status{

font\_size: 1.2em;

margin-top: 20px;

}

.control-buttons{

margin-top: 30px;

}

.control-buttons button{

padding: 10px 20px;

font-size: 1em;

background-color: #ea6161;

color:#fff;

border: none;

cursor: pointer;

}

. control.buttons button: hover{

background-color: #0056b3;

}

</style>

</head>

<body>

<div class="container">

<h1><center>Smart Water Mangement</center></h1>

<div class="status">

<p><center>Current Status: <span id="status">Idle</span></center></p>

</div>

<div class="control-buttons">

<button id="start button">Tank Motor on </button>

<button id="stop button">Tank Motor off </button>

<button id="water level">Water level</button>

<button id="start "> ON </button>

<button id="stop "> OFF </button>

</div>

</div>

<script>

// JavaScript code for handling water

const statusElement = document. getElementById("status");

const startButton = document. GetElementById("startButton");

const stopButton = document. GetElementById("stopButton");

const stopButton = document. GetElementById("start");

const stopButton = document. GetElementById("stop");

startButton.addEventListener("click", () => {

// Send a command to start the garden watering(you can implement this part)

statusElement.textContent = "water flow is on";

});

stopButton.addEventListener("click", () => {

// Send a command to stop the garden watering (you can implement this part)

statusElement.textContent = "water flow is stopped";

});

</script>

</body>

</html>

**OUTPUT:**



**CONCLUSION:**

Here is an HTML ,CSS, JAVA Script to develop an Web Application for Smart water managemenet . From this application we can access the water flow for tank and the flow from tank to gardens . The IOT devices will be linked with this application.