SPRINT 1

Date	11 November 2022
Team ID	PNT2022TMID26095
Project Name	Smart Waste Management System for Metropolitan cities

OBJECTIVE:

A 24×7 monitoring system is designed for monitoring dumpsters. The ultrasonic sensor is used for measuring the level of waste in the dustbin. The DC motor powered platform is used for segregating wet and dry waste. The IR sensor and moisture sensor is used for separating wet and dry waste. If either of the containers is full then an alert message is sent from the dustbin to garbage collector and the cloud. In turn, based on the allotment garbage collector can clear the corresponding dumpster.

CODE FOR REGISTRATION AND LOGIN CREDENTIALS:

```
Code.gs:

function doGet(e) {
    var x = !ttalService.createTemplateFromFile("Index");
    var y = x = variate();
    var y = x = variate();
    var y = x = y.setXFrameOptionsMode(!ttalService.XFrameOptionsMode.ALLOWALL);
    return z;
}

function checkLogin(username, password) {
    var url = https://docs.google.com/spreadsheets/d/Ivi3NN000ANInppSAYIXcr7_xabLCZNCFxMTCU9YTsC
    seditigided of y are webAppSheet = ss.getSheetByName("DATA");
    var webAppSheet = ss.getSheetByName("DATA");
    var getLastRow = webAppSheet.getLastRow();
    var found_record = "";
    for(var i = 1; i <= getLastRow; i++)
    {
        if(webAppSheet.getRange(i, 1).getValue().toUpperCase() == password.toUpperCase())
        {
            found_record = "TRUE";
        }
        if(found_record = "TRUE";
        }
        if(found_record = "FALSE";
        }

        return found_record;

}

function AddRecord(usernamee, passwordd, email, phone) {
        var url = 'https://docs.google.com/spreadsheets/d/lavi3NN000ANInppSAYIXcr7_xabLCZNCFxMTCU9YTsi
        s/editigided';
        var ss spreadsheetApp.openByUrl(url);
        var ss spreadsheetApp.sheet = ss.getSheetByName("DATA");
        verbAppSheet = ss.getSheetByName("DATA");
        verbAppShee
```

index.html:

```
<!DOCTYPE html>
             //style>
<br/>
<br/>
<br/>
cbase target="_top">
<script>
function AddRow()
            function AddRow()
{
var usernamee = document.getElementById("usernamee").value;
var passwordd = document.getElementById("passwordd").value;
var email = document.getElementById("mail").value;
var phone = document.getElementById("phone").value;
if (usernamee==""|| passwordd==""|| email==""|| phone=="") {
    return false;
}
else {
    gongle.scrint.run.addRecord(usernamee.passwordd.email.nbone);
}
                  google.script.run.AddRecord(usernamee,passwordd,email,phone);
                   document.getElementById("page2_id1").className = "page2_id1-off";
document.getElementById("page3_id1").className = "page3_id1";
                  function LoginUser()
                { var username = document.getElementById("username").value; var password = document.getElementById("password").value; google.script.run.withSuccessHandler(function(output) f
                   if(output == 'TRUE')
{
      {
    var urll ='https://node-red-jrfhu-2022-18-86.eu-
gb.mybluemix.net/ui/#1/0?socketid=kVaDwx144Sp25m0ZAAXX';
    var winRef = window.open(url1);
    winRef ? google.script.host.close() : window.onload=function(){document.getElementById
('url').href = url1;}
                   else if(output == 'FALSE')
{
                       document.getElementById("errorMessage").innerHTML = "Invalid data";
                }).checkLogin(username, password);
}
       function function1(){
   document.getElementById("pagel_id1").className = "pagel_class1-off";
   document.getElementById("page2_id1").className = "page2_id1";
           </script>
<style>
        /*page1*/
.page1_class1-off{
    display: none;
       /*page2*/
.page2_class1{
    display: none;
        .page2_id1-off{
              display:none;
       }
       /*page3*/
.page3_class1{
    display:none;
```

```
.page3 id1-off{
               display:none;
  input[type=text]:hover{
    border-bottom:2px solid black;
  input[type=number]:hover{
   border-bottom:2px solid black;
  input[type=password]:hover{
                           border-bottom:2px solid black;
                  1
  </style>
  c/ssystex
creat name="viewport" content="width=device-width, initial-scale=1.0">
c/head>
c/body>
c/body>
   <!--page1-->
 ckpousername
cinput type="text" id="username" placeholder=" Enter Username" style=";outline: none; text-
align: center;font-size:0.9em; width: 50%;font-weight:bold;"/><br/>chy
              <br>Password
chpy
cinput type="submit" value="Login" onclick="LoginUser()" style="float: centre;padding-
top: lpx;padding-bottom: lpx;padding-left; l0px;padding-right: l0px;font-size: 0.9em;font-
weight:bold;" />chr>
chr>chr>
chr>chr
vb:ff you don't have an account,</b>cinput type="button" onclick="function1()" value="Create New" style="margin-top: Spx;font-weight:bold;" />
c/div
    </div>

<div_lass="page2_class1" id="page2_id1" style="background-
cdlor:rgb(135, 207, 235);border:2px solid gray;border-radius: 20px;width: 250px;padding-
top: 10px;padding-bottom: 20px;padding-left: 20px;padding-right: 20px;">
<hl>Register Herec/hl>
    Name
cypName/property
cinput type="text" id="usernamee" placeholder=" Enter Name" style="border-top: none;border-
right: none;border-left: none;outline: none; text-align: center;font-
size:0.9em ;width: 50%;font-weight:bold;"/>cbr>
 Email
  cinput type="text" id="email" placeholder=" Enter Email" style="border-top: none;border-
right: none;border-left: none;outline: none; text-align: center;font-
size:0.9em ;width: 50%;font-weight:bold;"/><br/>chry
 chr>
<input type="number" id="phone" placeholder="Enter number" style="border-top: none;border-right: none;border-left: none;outline: none; text-align: center;font-size:8.9em ;width: 50%;font-weight:bold;" />cbr><br/>
  cinput type="submit" value="Create" onclick="AddRow()" style="float: centre;padding-
top: lpx;padding-bottom: lpx;padding-left: l0px;padding-right: l0px;font-size: 0.9em;font-
weight:bold;" />
  <br></div>
  <!--page3-->
 <!--page3-->
<div-class="page3_class1" id="page3_id1" style="background:none;border:2px solid gray;border-
radius: 20px;width: 250px;padding-top: 10px;padding-bottom: 20px;padding-left: 20px;padding-
right: 20px;"xccenter>
<draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></draw="class"></dr
```

</center> </body> </html>

