

SPRINT-2

TEAM ID	PNT2022TMID10960
PROJECT NAME	INDUSTRY - SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
IBM ID	IBM-Project-6081-1658823192

PROGRAM:

```
.alerting {  
    border: 1px solid red;  
    padding: 16px;  
    font-weight: bold;  
    background-color: rgb(238, 123, 123);  
    color: black;  
    text-align: center;  
}  
  
.alerting .info-msg {  
    font-size: 14px;  
    font-weight: 400;  
    margin-top: 10px;  
    opacity: 0.8;  
}  
</style>  
<script>
```

```
function login() {  
    var uname = document.getElementById("email").value;  
    var pwd = document.getElementById("pwd").value;  
    var filter = /^[a-zA-Z0-9_\.\\-]+\@((([a-zA-Z0-9\\-]+\\.)+([a-zA-Z0-9]{2,4})+$/;  
    if (uname == '') {  
        alert("please enter user name.");  
    }  
    else if (pwd == '') {  
        alert("enter the password");  
    }  
    else if (pwd == "Admin" && uname == "Admin") {  
        alert('Login Success...Redirecting to Dashboard');  
        $("body").removeClass("login");  
        $(".login-page").hide();  
        $(".chart-page").show();  
        try{  
            sendSMS();  
        }  
        catch(e){  
            console.log(e);  
        }  
    }  
    else {  
        alert("Invalid Login Credentials");  
    }  
}
```

```
function clearFunc() {  
    document.getElementById("email").value = "";  
    document.getElementById("pwd1").value = "";  
}
```

```
function sendSMS() {  
    var myHeaders = new Headers();  
    myHeaders.append("Content-Type", "application/x-www-form-  
urlencoded");  
  
    var urlencoded = new URLSearchParams();  
    urlencoded.append("from", "Vonage APIs");  
    urlencoded.append("text", "FIRE ALERT !!!... THE FIRE ALERT HAS BEEN  
ACTIVATED IN THE CANTEEN AREA OF THE OFFICE PLEASE LEAVE THE  
BUILDING IMMEDIATELY");  
    urlencoded.append("to", "917339166505");  
    urlencoded.append("api_key", "9fa0fdcd");  
    urlencoded.append("api_secret", "KQQpdMS00PDZ9xtl");  
  
    var requestOptions = {  
        method: 'POST',  
        headers: myHeaders,  
        body: urlencoded,  
        redirect: 'follow'  
    };  
  
    fetch("https://rest.nexmo.com/sms/json", requestOptions)
```

```
.then(response => response.text())  
.then(result => console.log(result))  
.catch(error => console.log('error', error));  
}
```

```
</script>
```

```
</head>
```

```
<body class="login">
```

```
<div id="main" class="login-page">
```

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

```
<h1>Welcome to fire safety system</h1>
```

```
<h1>Your safety is our priority!</h1><br>
```

```
<h2>Login</h2>
```

```
<button onclick="document.getElementById('id01').style.display='block'"  
style="width:auto;">Login</button>
```

```
<div id="id01" class="modal">
```

```
<form class="modal-content animate" method="post">
```

```
<div class="imgcontainer">
```

```
<span onclick="document.getElementById('id01').style.display='none'"  
class="close"
```

```
title="Close Modal">&times;</span>
```

</div>

<style>

h3 {

text-align: center;

}

</style>

<div class="container">

<div style="font-weight: bold; text-align:center"> Login Please!</div>

<div style=" text-align: center; margin-top: 10px;">

<label for="uname">Email : </label>

<input type="text" placeholder="Enter Email" id="email"
name="uname" required>

<label for="psw">Password : </label>

<input type="password" placeholder="Enter Password" id="pwd"
name="psw" required>

</div>

<div style=" text-align:center">

<button type="button" onclick="login()">Login</button>

</div>

</div>

</form>

</div>

</div>

<div class="chart-page" style="display: none;">

<h1 style="text-align: center;">FIRE ALARM APP</h1>

<div class="alerting">

FIRE ALERT !!!... THE FIRE ALERT HAS BEEN ACTIVATED IN THE CANTEEN
AREA OF THE OFFICE PLEASE LEAVE THE BUILDING

IMMEDIATELY

<div class="info-msg">SMS SENT SUCCESSFULLY ON YOUR MOBILE
NUMBER : XX-XXXX-4052.

IF YOU DID NOT RECEIVE MESSAGE, PLEASE ENABLE CROSS ORIGIN BY
INSTALLING PLUGIN <a target="_blank"

href="https://chrome.google.com/webstore/detail/allow-cors-access-
control/lhobafahddgcelffkeicbaginigeelj?hl=en">Click Here</div>

</div>

<div class="w3-bar w3-black">

<button class="w3-bar-item w3-button tablink active"
onclick="openTab(event,'Temperature')">Temperature</button>

<button class="w3-bar-item w3-button tablink"
onclick="openTab(event,'GasSensor')">Gas Sensor</button>

</div>

<div id="Temperature" class="w3-container w3-border active">

<div id="temprature-section">

<div id="body-section" style="width: 300px;">

```
<header style="font-size: 30px; text-align: center; margin-bottom: 30px;
">Temperature</header>
```

```
<div id="temperature-chart-container" style="width: 300px; height:
300px; text-align: center;">
```

```
</div>
```

```
<div id="temperature-infos">
```

```
<div class="info-section">
```

```
<div class="label">Water Sprinkler</div>
```

```
<div class="indicator"></div>
```

```
</div>
```

```
<div class="info-section">
```

```
<div class="label">Fire Alarm</div>
```

```
<div class="indicator"></div>
```

```
</div>
```

```
<div class="info-section">
```

```
<div class="label">Exhaust Fan</div>
```

```
<div class="indicator"></div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div id="GasSensor" class="w3-container w3-border city">
```

```
<div id="n2o-section">
```

```
<div id="body-section" style="width: 300px;">
```

```
<header style="font-size: 30px; text-align: center; margin-bottom: 30px;
">Nitrogen di Oxide</header>
```

```
<div id="n2o-chart-container" style="width: 300px; height: 300px; text-
align: center;">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div id="cmo-section">
```

```
<div id="body-section" style="width: 300px;">
```

```
<header style="font-size: 30px; text-align: center; margin-bottom: 30px;
">Carbon Mono Oxide</header>
```

```
<div id="cmo-chart-container" style="width: 300px; height: 300px; text-
align: center;">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div id="co2-section">
```

```
<div id="body-section" style="width: 300px;">
```

```
<header style="font-size: 30px; text-align: center; margin-bottom: 30px;
">Carbon di Oxide </header>
```

```
<div id="co2-chart-container" style="width: 300px; height: 300px; text-
align: center;">
```

```
</div>
```



```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Main div ending here... -->
```

```
<script>
```

```
function openTab(evt, cityName) {  
    $(".w3-container,.w3-button").removeClass("active");  
    $(evt.target).addClass("active");  
    $('#${cityName}`).addClass("active");  
}
```

```
function temperatureChart() {
```

```
    var dom = document.getElementById('temperature-chart-container');  
    var myChart = echarts.init(dom, 'null', {  
        renderer: 'canvas',  
        useDirtyRect: false  
    });  
    var app = {};  
  
    var option;
```

```
option = {
  series: [
    {
      type: 'gauge',
      center: ['50%', '60%'],
      startAngle: 200,
      endAngle: -20,
      min: 0,
      max: 60,
      splitNumber: 12,
      itemStyle: {
        color: '#FFAB91'
      },
      progress: {
        show: true,
        width: 30
      },
      pointer: {
        show: false
      },
      axisLine: {
        lineStyle: {
          width: 30
        }
      },
      axisTick: {
```

```
distance: -45,
splitNumber: 5,
lineStyle: {
  width: 2,
  color: '#999'
}
},
splitLine: {
  distance: -52,
  length: 14,
  lineStyle: {
    width: 3,
    color: '#999'
  }
},
axisLabel: {
  distance: -20,
  color: '#999',
  fontSize: 20
},
anchor: {
  show: false
},
title: {
  show: false
},
```

```
detail: {
  valueAnimation: true,
  width: '60%',
  lineHeight: 40,
  borderRadius: 8,
  offsetCenter: [0, '-15%'],
  fontSize: 30,
  fontWeight: 'bolder',
  formatter: '{value} °C',
  color: 'auto'
},
data: [
  {
    value: 30
  }
]
},
```