

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>
        <br>
        <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/lhobafahddgcelffkeicbaginigeejlf?hl=en">Click Here</a></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>
```

```
    <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  
    }  
],  
},
```