SPRINT – 1

PROJECT NAME	INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT
TEAM ID	PNT2022TMID10980
IBM ID	IBM-Project-6098-1658823524

PROGRAM:

```html
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">


<head>

 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

 <title>Welcome To Login Form</title>

 <script type="text/javascript" src="http://code.jquery.com/jquery-1.6.min.js"></script>

 <script type="text/javascript"
src="https://fastly.jsdelivr.net/npm/echarts@5.4.0/dist/echarts.min.js"></script>

 <!-- Complete css for whole page. -->

 <style type="text/css">

  /* body css for whole page */

  body {

    margin: 0px;

    background-color: black;

    color: #f9fcf5;

    font-family: Arial, Helvetica, sans-serif;

  }


  body.login {
```

```css
  background-image: url(https://images.unsplash.com/photo-1634468413956-831adf9d5a06?ixlib=rb-4.0.3&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&w=387&q=80);

  background-repeat: no-repeat;

  background-size: cover;

}


#main {

  max-width: 600px;

  height: 260px;

  margin-left: auto;

  margin-right: auto;

  border-radius: 5px;

  padding-left: 10px;

  margin-top: 100px;

  border-top: 3px double #f1f1f1;

  border-bottom: 3px double #f1f1f1;

  border-right: 3px double #f1f1f1;

  border-left: 3px double #f1f1f1;

  padding-top: 20px;

  background: #fff;

}


#main table {

  font-family: "Comic Sans MS", cursive;

}
```

```css
/* css code for textbox */

#main .tb {

  height: 28px;

  border: 1px solid #262b28;

  font-weight: bold;

  opacity: 0.9;

  padding: 0 10px;

}
```

```css
/* css code for button*/

#main .btn {

  width: 60%;

  height: 32px;

  outline: none;

  font-weight: bold;

  border: 0px solid #27a465;

  text-shadow: 0px 0.5px 0.5px #fff;

  border-radius: 2px;

  font-weight: 600;

  color: white;

  letter-spacing: 1px;

  font-size: 14px;
```

```css
  background-color: black;

  -webkit-transition: 1s;

  -moz-transition: 1s;

  transition: 1s;

}


#main .btn:hover {

  background-color: white;

  outline: none;

  border-radius: 2px;

  color: black;

  border: 1px solid black;

  -webkit-transition: 1s;

  -moz-transition: 1s;

  transition: 1s;

}


#temprature-section,

.w3-container {

  margin-top: 30px;

  background-color: black;

  width: 100vw;

  display: flex !important;

  align-items: center;

  justify-content: center;
```

```css
  height: 100%;

}


#GasSensor.show {

  justify-content: space-around;

}


@media (max-width: 600px) {

  #GasSensor {

    flex-direction: column;

    justify-content: space-around;

    align-items: center;

  }


  body.login {

    background-repeat: repeat;

  }
}


#temperature-infos {

  margin-top: 10px;

}


.info-section {

  display: flex;
```

```css
  justify-content: space-between;

  margin-bottom: 10px;

}


.indicator {

  width: 10px;

  height: 10px;

  background: red;

  border-radius: 100%;

}


.w3-black {

  background-color: black;

  width: 100vw;

  display: flex;

  align-items: center;

  gap: 1rem;

  justify-content: center;

}


.w3-black button.w3-button {

  margin: 10px 0px;

  padding: 5px 10px;

}
```

```css
.w3-button.active {

  background-color: red;

  color: white;

  border: 1px solid red;

  padding: 6px 10px !important;

}


.w3-container {

  display: none !important;

}


.w3-container.active {

  display: flex !important;

}


.alerting {

  border: 1px solid red;

  padding: 16px;

  font-weight: bold;

  background-color: rgb(238, 123, 123);

  color: black;

  text-align: center;

}
```

```css
  .alerting .info-msg {

    font-size: 14px;

    font-weight: 400;

    margin-top: 10px;

    opacity: 0.8;

  }
</style>
```

<!-- Css ending here. -->

<!-- Complete javascript for login. -->

<!-- Add url of javascript -->

<!-- Java Script -->

```javascript
<script>


  function login() {

    var uname = document.getElementById("email").value;

    var pwd = document.getElementById("pwd1").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");

    }
```

```javascript
  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");
```

```javascript
    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", "918925174052");

    urlencoded.append("api_key", "b88f337d");

    urlencoded.append("api_secret", "Tg8ZCh1NlGxKsz01");


    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>

 <!-- Javascript ending here.. -->

</head>


<body class="login">
```

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

  <div class="h-tag">

    <h2>

      <center style="color: black;">Login Form</center>

    </h2>

  </div>

  <div class="login">

    <table cellspacing="2" align="center" cellpadding="8" border="0">

      <tr>

        <td style="color: black;">User Name :</td>

        <td><input type="text" placeholder="Enter User Name" id="email" class="tb" /></td>

      </tr>

      <tr>

        <td style="color: black;">Password :</td>

        <td><input type="password" placeholder="Enter Password" id="pwd1" class="tb" /></td>

      </tr>

      <tr>

        <td></td>

        <td>

          <input type="submit" value="Login" class="btn" onClick="login()" />

        </td>

      </tr>

    </table>

  </div>

</div>
```

```html
<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;">
```

```html
        </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 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;">
```

```html
          </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, 'dark', {
      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

      }

    ]

  },

  {

    type: 'gauge',

    center: ['50%', '60%'],

    startAngle: 200,

    endAngle: -20,

    min: 0,

    max: 60,

    itemStyle: {

      color: '#FD7347'
```

```
        },
        progress: {
          show: true,
          width: 8
        },
        pointer: {
          show: false
        },
        axisLine: {
          show: false
        },
        axisTick: {
          show: false
        },
        splitLine: {
          show: false
        },
        axisLabel: {
          show: false
        },
        detail: {
          show: false
        },
        data: [
          {
```

```
      value: 30

      }

    ]

  }

 ]

};

setInterval(function () {

  const random = Math.floor(Math.random() * 5) + 30;

  myChart.setOption({

   series: [

    {

     data: [

      {

       value: random

      }

     ]

    },

    {

     data: [

      {

       value: random

      }

     ]

    }

   ]
```

```javascript
    });

  }, 2000);


  if (option && typeof option === 'object') {

    myChart.setOption(option);

  }


  window.addEventListener('resize', myChart.resize);

}


function n2oGasCensorChart() {


  var dom = document.getElementById('n2o-chart-container');

  var myChart = echarts.init(dom, 'dark', {

    renderer: 'canvas',

    useDirtyRect: false

  });

  var app = {};


  var option;

  option = {

    series: [

      {

        type: 'gauge',

        axisLine: {
```

```
      lineStyle: {

        width: 30,

        color: [

          [0.3, '#67e0e3'],

          [0.7, 'orange'],

          [1, '#fd666d']

        ]

      }

    },

    pointer: {

      itemStyle: {

        color: 'auto'

      }

    },

    axisTick: {

      distance: -30,

      length: 8,

      lineStyle: {

        color: '#fff',

        width: 2

      }

    },

    splitLine: {

      distance: -30,

      length: 30,
```

```
        lineStyle: {

          color: '#fff',

          width: 4

        }

      },

      axisLabel: {

        color: 'auto',

        distance: 40

      },

      detail: {

        valueAnimation: true,

        formatter: '{value} °C',

        color: 'auto',

        fontSize: 14

      },

      data: [

        {

          value: 85

        }

      ]

    }

  ]

};

setInterval(function () {

  myChart.setOption({
```

```
        series: [

          {

            data: [

              {

                value: Math.floor(Math.random() * 5) + 80

              }

            ]

          }

        ]

      });

    }, 2000);


    if (option && typeof option === 'object') {

      myChart.setOption(option);

    }


    window.addEventListener('resize', myChart.resize);

  }


  function cmoGasCensorChart() {

    var dom = document.getElementById('cmo-chart-container');

    var myChart = echarts.init(dom, 'dark', {

      renderer: 'canvas',

      useDirtyRect: false
```

```javascript
});

var app = {};


var option;

option = {
  series: [
    {
      type: 'gauge',
      axisLine: {
        lineStyle: {
          width: 30,
          color: [
            [0.3, '#67e0e3'],
            [0.7, 'orange'],
            [1, '#fd666d']
          ]
        }
      },
      pointer: {
        itemStyle: {
          color: 'auto'
        }
      },
      axisTick: {
        distance: -30,
```

```
    length: 8,

    lineStyle: {

      color: '#fff',

      width: 2

    }

  },

  splitLine: {

    distance: -30,

    length: 30,

    lineStyle: {

      color: '#fff',

      width: 4

    }

  },

  axisLabel: {

    color: 'auto',

    distance: 40

  },

  detail: {

    valueAnimation: true,

    formatter: '{value} °C',

    color: 'auto',

    fontSize: 14

  },

  data: [
```

```
        {
          value: 30
        }
      ]
    }
  ]
};
setInterval(function () {
  myChart.setOption({
    series: [
      {
        data: [
          {
            value: Math.floor(Math.random() * 5) + 50
          }
        ]
      }
    ]
  });
}, 2000);


if (option && typeof option === 'object') {
  myChart.setOption(option);
}
```

```javascript
    window.addEventListener('resize', myChart.resize);

}


function co2GasCensorChart() {


  var dom = document.getElementById('co2-chart-container');

  var myChart = echarts.init(dom, 'dark', {

    renderer: 'canvas',

    useDirtyRect: false

  });

  var app = {};


  var option;

  option = {

   series: [

    {

      type: 'gauge',

      axisLine: {

       lineStyle: {

        width: 30,

        color: [

          [0.3, '#67e0e3'],

          [0.7, 'orange'],

          [1, '#fd666d']

        ]
```

```
      }
    },
    pointer: {
      itemStyle: {
        color: 'auto'
      }
    },
    axisTick: {
      distance: -30,
      length: 8,
      lineStyle: {
        color: '#fff',
        width: 2
      }
    },
    splitLine: {
      distance: -30,
      length: 30,
      lineStyle: {
        color: '#fff',
        width: 4
      }
    },
    axisLabel: {
      distance: 40,
```

```
        fontSize: 10

      },

      detail: {

        valueAnimation: true,

        formatter: '{value} °C',

        color: 'auto',

        fontSize: 14

      },

      data: [

        {

          value: 78

        }

      ]

    }

  ]

};

setInterval(function () {

  myChart.setOption({

    series: [

      {

        data: [

          {

            value: Math.floor(Math.random() * 10) + 75

          }

        ]
```

```
        }

      ]

    });

  }, 2000);



  if (option && typeof option === 'object') {

    myChart.setOption(option);

  }



  window.addEventListener('resize', myChart.resize);

}



temperatureChart();



function gasCensor() {

  n2oGasCensorChart();

  cmoGasCensorChart();

  co2GasCensorChart();

}



gasCensor();



</script>

</body>

</html>
```
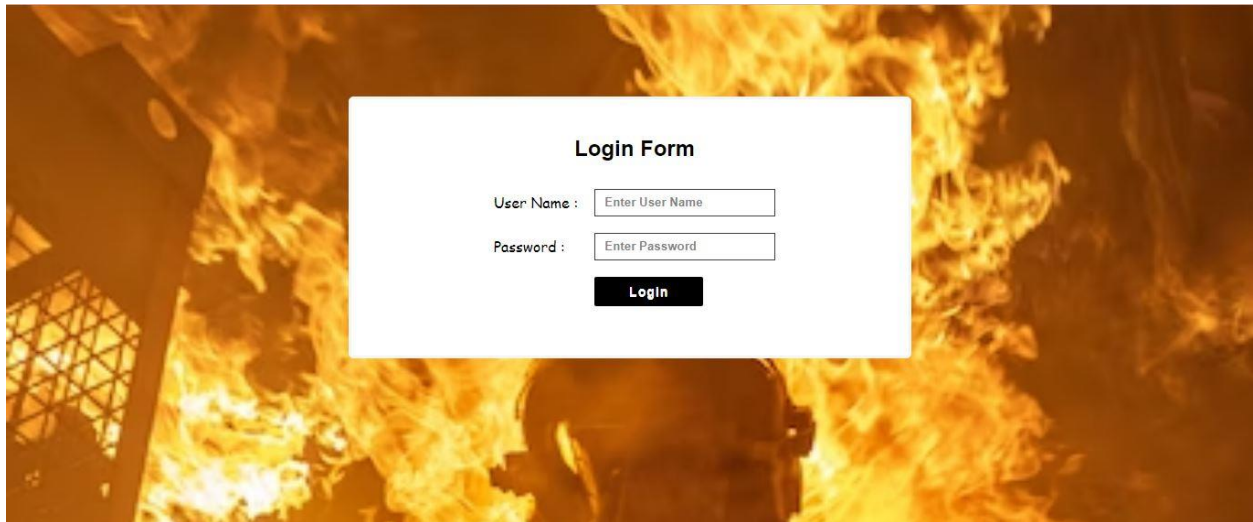
LOGIN PAGE: