

FINAL DELIVERABLES

FINAL CODE

DATE	19 NOVEMBER 2022
TEAM ID	PNT2022TMID17007
PROJECT NAME	IoT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

Python code:

```
print("Welcome !!This is your child location")

import time

import wiotp.sdk.application

myConfig = {
    "identity":{
        "orgId" : "o99vwg",
        "typeId" : "CHILDTRACKING",
        "deviceId" : "TRACK",
    },
    "auth": {
        "token": "CHILDTRACKING123"
    }
}

client= wiotp.sdk.device.DeviceClient (config= myConfig, logHandlers = None)

client.connect()

while True:

    name = "Child"

    latitude = 11.020503

    longitude = 76.935123

    myData = {'name': name, 'lat': latitude, 'lon': longitude}
```

```
client.publishEvent (eventId = "status", msgFormat = "json", data = myData, qos = 0, onPublish = None)
```

```
print("Data published to IBM IoT Platform:", myData)
```

```
time.sleep (5)
```

client.disconnect()

Login page code:

DASHBOARD

```
<!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<title>Tracking Website</title>
<link rel="stylesheet" href="dashboard.css">
</head>
<style>
  body {
    background-image: url('Adrian---Child-Safe-School.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: 1500px;
    background-position-x: cover;
    width: 1000px;
    height: 1000px;
  }
</style>
<body>
<div class="wrapper">
<nav class="navbar">
<ul>
<li><a href="#">About</a></li>
<li><a href="#">Track your child</a></li>
<li><a href="#">Support</a></li>
<li><a href="#">History</a></li>
</ul>
</nav>
<div class="center">
<h1>Welcome...</h1>
<h2>Your Child Will be safe always</h2>
<div class="buttons">
</div>
</div>
</body>
</html>
```

ALERT PAGE

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>Warning Alert Notification</title>
<link rel="stylesheet" href="style1.css">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/5.15.3/css/all.min.css"/>
</head>
<style>
  body {
    background-image: url('cartoon-muslim-man-announcing-loudhailer-character-design-illustration-cartoon-muslim-man-announcing-loudhailer-191430322.jpg');
  }
</style>
<body>
  <CENTER><button><h2>Show Alert</h2></button></CENTER><br>
<div class="alert hide">
  <span class="fas fa-exclamation-circle"></span>
  <CENTER><span class="msg"><h4>Warning: Your Child is Unsafe!</h4></span></CENTER>
  <div class="close-btn">
    <span class="fas fa-times"></span>
  </div>
</div>

</body>

</html>
```

USER PAGE

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style1.css">
  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0-10/css/all.min.css">
  <title>Sign up</title>
</head>
<body>
<style>
  body {
    background-image: url('Adrian---Child-Safe-School.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: 1500px;
    background-position-x: cover;
    width: 1000px;
    height: 1000px;
  }
  th, td {
    padding: 10px;
  }
</style>
<body>
  <div class="wrapper">
    <div class="loginContainer">
      <center><span><h1>Login to Continue</h1></span><br></center>
      <div class="traditionalLoginContainer">
        <form>
          <center>
            <table>
              <tr><td><h3><b>Name : </b></h3></td>
                <td><input type="text" name="firstName" placeholder="First Name" id="firstName"></td><br>
              </tr>
              <tr><td><h3><b>UserName : </b></h3></td>
                <td><input type="text" name="firstNme" placeholder="User Name" id="userName"></td><br>
              </tr>
              <tr><td><h3><b>Email : </b></h3></td>
                <td><input type="email" name="Email" placeholder="Email" id="email"></td><br>
              </tr>
              <tr><td><h3><b>Password : </b></h3></td>
                <td><input type="password" name="password" placeholder="password" id="password"></td><br>
              </tr>
            </table>
          </center>
        </form>
      </div>
      <div class="loginWithFireContainer"><br>

      <center><button type="button" class="fire" title="Login with SAFETY" id="fire">Login with SAFETY</button><br><center>
    </div>
    <div>
      <center><a class="hyperLink" href="/login">Already have an Account? Login ↗</a><br></center>
    </div>
    <script src="./localforage.js"></script>
  </body>

</html>
```