

SPIRNT-1

Team ID	PNT2022TMID26623
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING NOTIFICATION

<!DOCTYPE html>

<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="/css/login.css">

<title>Sign Up</title>

<script>

if (window.location.hostname !== "localhost") {

if (location.protocol !== "https:") {

location.replace(

`https:\${location.href.substring(

location.protocol.length

))`

)

}

}

</script>

<script src="/localforage.js"></script>

</head>

<body>

<div class="wrapper">

<div class="loginContainer">

Login to Continue

```

<div class="traditionalLoginContainer">

  <form class="signupForm" action="/" method="post">

    <input type="text" name="firstName" placeholder="First Name" id="firstName">

    <input type="text" name="lastName" placeholder="Last Name" id="lastName">

    <input type="text" name="username" placeholder="User Name" id="username">

    <input type="email" name="email" placeholder="Email" id="email">

    <input type="password" name="password" placeholder="Password" id="password">

    <input class="loginButton" type="submit" value="Sign Up">

  </form>

</div>

<div class="loginWithFireContainer">

  <button type="button" class="fire" title="Login with Fire 🔥 " id="fire">Login with Fire
🔥 </button>

</div>

<a class="hyperLink" href="/login">Already have an Account? Login ↗</a>

</div>

</div>

<script>

  // Necessary for Fire OAuth to Function

  const fireBroadcastingChannel = new BroadcastChannel('fireOAuthChannel');

  fireBroadcastingChannel.addEventListener('message', async event => {

    let data = event.data

    /**

    * @typedef {Object<string, any>} Data

    * @property {boolean} success - Whether the login was successful

    * @property {string} token - The data returned from the login i.e. Fire Token

    */

```

```

// data.token is the message sent from the fireOAuthChannel after verification
// data.success is a boolean that indicates whether the verification was successful
// data.token is the fire token

// What to do with the Fire Token?
// * Fire Token is an unique token which uniquely identifies the user who authorized your
login attempt with Fire
// * You can use this token ONLY ONCE as it will be destroyed after the first use

// 1. Send the fire token to the Fire Server to verify the user
// - You can do that client sided or server sided
// - You need to send a POST Request to the Fire Server with the fire token
// at the URL: http://localhost:3003/api/tokens/verify
// - The Fire Server will verify the fire token and return a response
// - If the verification was successful - CODE (200), the Fire Server will return a response
with the user's data
// - If the verification was unsuccessful - CODE (400) or CODE (401), the Fire Server will
return a response with an error 'message'
// - You can use the data returned from the Fire Server to create a new user in your database

// This example will send the token to Fire Servers and console.log the response
console.log("%c" + `Fire Token: ${data.token}`, `color: #f1c40f; font-weight: bold;`);
const response = await fetch('https://fire.adaptable.app/api/tokens/verify', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify({
    token: data.token
  })
})
// get the response

```

```

    const responseData = await response.json()

    // console.log the response
    console.log(responseData)

    await localforage.setItem('userData', {...responseData, isFire: true})

    // Adding the user data to the user Database
    let database = await localforage.getItem("userDatabase")

    if (database == null) {
        database = []
    }

    database.push(responseData)

    await localforage.setItem("userDatabase", database)

    // redirect to the home page
    window.location.href = '/'

})

function popupwindow(url, title, w, h) {
    var left = (screen.width/2)-(w/2);
    var top = (screen.height/2)-(h/2);

    return window.open(url, title, 'toolbar=no, location=no, directories=no, status=no,
menubar=no, scrollbars=no, resizable=no, copyhistory=no, width='+w+', height='+h+', top='+top+',
left='+left);
}

document.getElementById("fire").addEventListener("click", function() {
    popupwindow("/fireoauth.html", "Fire OAuth", 450, 600)

})

</script>

<script>

// this.Website's Scripts / App Logic

document.querySelector(".signupForm").addEventListener("submit" , async (e) => {

```

```
e.preventDefault()

let firstName = document.getElementById("firstName").value
let lastName = document.getElementById("lastName").value
let username = document.getElementById("username").value
let email = document.getElementById("email").value
let password = document.getElementById("password").value

let profilePic = `https://avatars.dicebear.com/api/adventurer-
neutral/${firstName}${lastName}.svg?backgroundColor=variant03`

let data = { firstName, lastName, username, email, password, profilePic }

await localforage.setItem("userData", data)

let database = await localforage.getItem("userDatabase")
if (database == null) {
  database = []
}
database.push(data)
await localforage.setItem("userDatabase", database)

window.location.href = "/"

})
</script>
</body>
</html>
```