

```
<!DOCTYPE html>

<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="/css/login.css">

  <title>Sign Up</title>


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

</head>

<body>

  <div class="wrapper">

    <div class="loginContainer">

      <span>Login to Continue</span>

      <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 SAFETY" id="fire">Login with
SAFETY</button>

      </div>

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

    </div>

  </div>

</body>

</html>
```

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</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>
```