PROJECT DEVELOPMENT PHASE

SPRINT-4

LOGIN HTML

```html
<!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>
    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">
```

```html
<div class="loginContainer">
    <span>SignUp To Continue</span>
    <div class="traditionalLoginContainer">
        <form class="signupForm" action="/" method="post">
            <input type="email" name="email" placeholder="Email" id="email">
            <input type="password" name="password" placeholder="Password" id="password">
            <input class="loginButton" type="submit" value="Login">
        </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="/register">Don't have an Account? Register ↗</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
```

```javascript
      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 = '/'


    })
```

```javascript
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 email = document.getElementById("email").value
    let password = document.getElementById("password").value
    let flag = false
    let userData = await localforage.getItem("userDatabase")
    if(userData) {

        userData.forEach(e => {
            if(e.email === email) {
                if(e.password === password || e.isFire === true) {
```

```
                    localforage.setItem("userData", e)

                    flag = true

                    window.location.href = "/"

                }

            }

        })


        } else {

            alert("User Not Found")

        }


        if(!flag) {

            alert("Invalid Credentials")

        }

    })

  </script>

</body>

</html>
```

REGISTERATION

```html
<!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>
      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">
```

```html
<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
Fire 🔥" id="fire">Login with Fire 🔥</button>
    </div>
    <a class="hyperLink" href="/login">Already have an
Account? Login ↗</a>
</div>
</div>
<script>
```

```javascript
// 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
        })
      })
```

```javascript
        // 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);
    }
```

```javascript
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("sub
mit" , 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=variant0
3`
```

```
        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>
```

DASHBOARD

```html
<!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/dashboard.css">
    <title>Dashboard</title>
    <script src="./localforage.js"></script>
</head>
<body>
    <div class="wrapper">
        <div class="header">
            <span class="heading">Dashboard</span>
            <span class="right">
                <span class="username">Hello User</span>
                <span>
                    <img class="profilePic" src="https://avatars.dicebear.com/api/avataaars/asdfasdfds.svg" alt="User Profile" height="30" width="30">
                </span>
            </span>
        </div>
```

```html
    <div class="actionCenter">
      <div class="action">
        <span>Create Child Card</span>
      </div>
      <div class="action">
        <span class="logout">Log out</span>
      </div>
    </div>


    <div class="childCardContainer">
      <div class="childCard">
        <div class="childCardHeader">
          <span>Child Name</span>
          <span>Age 12</span>
        </div>
        <div class="actions">
          <span>View</span>
          <span>GeoFence</span>
        </div>
      </div>
    </div>
  </div>
  <script>
    async function main() {
      let userData = await localforage.getItem('userData')
```

```
        if(userData == null) {
            window.location.href = "/login"
        }

        document.querySelector(".username").innerHTML =
`Hello ${userData.firstName}`

        document.querySelector(".profilePic").src =
userData.profilePic
    }
    main()

document.querySelector(".logout").addEventListener("click",
async () => {
        await localforage.setItem('userData', null)
        window.location.href = "/login"
    })
  </script>
</body>
</html>
```

INDEX

```html
<!DOCTYPE html>
<html lang="en" style="height: 100%; margin: 0;">
    <head>
        <meta charset="UTF-8" />
        <meta name="description" content="The Home Page
after Logged In" />
        <meta name="viewport" content="width=device-
width, initial-scale=1.0" />
        <title>IOT Based Safety Gadget for Child Safety
Monitoring and Notification</title>
    <script src="./localforage.js"></script>
        <script>
            if (window.location.hostname !== "localhost") {
                if (location.protocol !== "https:") {
                    location.replace(
                        `https:${location.href.substring(
                            location.protocol.length
                        )}`
                    )
                }
            }

            async function check() {
        let data = localforage.getItem("userData")
        if (data == null) {
```

```
                window.location.href = "/login"
            }
        }
        check()
        </script>
    </head>
    <body
        style="
                height: 100%;
                margin: 0;
                font-weight: 300;
                font-family: -apple-system, BlinkMacSystemFont,
'Segoe UI', Roboto,
                    Oxygen, Ubuntu, Cantarell, 'Open Sans',
'Helvetica Neue',
                    sans-serif;
        "
    >
        <div
                class="wrapper"
                style="
                    height: 90%;
                    display: flex;
                    flex-direction: column;
                    align-items: center;
```

```
                    justify-content: center;
        text-align: center;
            "
    >
            <div
                class="details"
                style="
                    display: flex;
                    flex-direction: column;
                    align-items: center;
                    gap: 20px;
                    padding: 1rem;
                    border-radius: 5px;
                    box-shadow: 0 0 8px 0px #44444444;
        max-width: 80%;
                "
        >
                <h1 class="name" style="margin: 0"></h1>
                <div
                    class="imageContainer"
                    style="padding: 10px; height: 10rem;
width: 10rem"
                >
                    <img class="image" alt="profile
picture" />
```

```
            </div>
            <h2 class="email" style="margin: 0"></h2>


    <a style="text-decoration: none;text-align: center;font-size: 1.2rem;color: #0070f3;font-weight: 400;" href="./dashboard">Go to Dashboard ↗</a>
        </div>
     </div>
     <script>
         async function main() {
    let name = document.querySelector(".name")
    let image = document.querySelector(".image")
    let email = document.querySelector(".email")
    let userData = await localforage.getItem("userData")
    if(userData == null) {
       window.location.href = "/login"
    }
    name.innerHTML = `Welcome ${userData.firstName} ${userData.lastName}!`
    image.src = userData.profilePic
    email.innerHTML = `Your email is: <a style="text-decoration: none;color: #0072B5;" href="mailto:${userData.email}">${userData.email}</a>`
   }
   main()
     </script>
```

```
        </body>
</html>
```