

PROJECT DEVELOPMENT PHASE

SPRINT-1

LOGIN 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">
```

```

<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

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

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

```

```
        localStorage.setItem("userData", e)
        flag = true
        window.location.href = "/"
    }
}
})



} else {
    alert("User Not Found")
}

if(!flag) {
    alert("Invalid Credentials")
}
})
</script>
</body>
</html>
```

REGISTRATION

```
<!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">
```

```

<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>

```



```

// 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=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

```
<!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>
```

```
          
```

```
        </span>
```

```
      </span>
```

```
    </div>
```

```
<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 localStorage.setItem('userData', null)  
    window.location.href = "/login"  
})  
</script>  
</body>  
</html>
```


INDEX

```
<!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 ↗**

</div>

</div>

<script>

async function main() {

let name = document.querySelector(".name")

let image = document.querySelector(".image")

let email = document.querySelector(".email")

let userData = await localStorage.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}`

}

main()

</script>

</body>

</html>