

## ProjectDevelopment-DeliveryOfSprint-1

Date	14-11-2022
TeamID	PNT2022TMID26473
ProjectName	Project-IoT Based Safety Gadget ForChildSafetyMonitoring& Notification

### REGISTRATION

#### HTMLCODE:

```
<!DOCTYPEhtml>
```

```
<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="/LOGIN.css">
```

```
  <title>SignUp</title>
```

```
  <script>
```

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

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

```
      location.replace(
```

```
        `https:${location.href.substring(location.protocol.length
        th
        )}`
    )
}
}
</script>
<scriptsrc="./localforage.js"></script>
</head>
<body>
    <divclass="wrapper">
        <divclass="loginContainer">
            <span>LogintoContinue</span>
            <divclass="traditionalLoginContainer">
                <formclass="signupForm"action="/"method="post">
                    <input type="text"
name="firstName"placeholder="First
Name"id="firstName">
                    <input type="text" name="lastName"
placeholder="LastName"id="lastName">
                    <input type="text"
name="username"placeholder="UserName"id="
username">
                    <input type="email" name="email"
placeholder="Email"id="email">
                    <input type="password"
name="password"placeholder="Password"
id="password">
```

```

        <inputclass="loginButton"type="submit"value="Sign
Up">

        </form>

    </div>

    <divclass="loginWithFireContainer">

        <buttontype="button"class="fire"title="Loginwith
SAFETY"id="fire">LoginwithSAFETY</button>

    </div>

    <aclass="hyperLink"href="/login">AlreadyhaveanAccount?
Login↗</a>

    </div>

</div>

<script>

    // Necessary for Fire OAuth to
    FunctionconstfireBroadcastingChannel

    =new
BroadcastChannel('fireOAuthChannel');

    fireBroadcastingChannel.addEventListener('message',asynce
vent =>{

        letdata=event.data

        /**

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

        * @property {boolean} success - Whether the login
wassuccessful

        * @property {string} token - The data returned from
thelogini.e.FireToken

```

**\*/**

**// data.token is the message sent from  
thefireOAuthChannelafterverification**

**// data.success is a boolean that indicates whether  
theverificationwassuccessful**

**//data.tokenisthefiretoken**

**//WhattodowiththeFireToken?**

**// \* Fire Token is an unique token which uniquely  
identifiesthe user whoauthorized your login attemptwith Fire**

**// \* You can use this token ONLY ONCE as it will  
bedestroyed afterthefirstuse**

**//1. Sendthefiretoken to theFireServer toverifytheuser**

**// -Youcando thatclientsided orserversided**

**// - You need to send a POST Request to the Fire  
Serverwith thefiretoken**

**// attheURL:http://localhost:3003/api/tokens/verify**

**// - The Fire Server will verify the fire token and return  
aresponse**

**// - If the verification was successful - CODE (200), the  
FireServer willreturn aresponsewiththeuser'sdata**

**// - 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({tok**

**en:data.token**

**})**

**})**

**// get the response**

**const responseData = await response.json()**

**// console.log the response**

**console.log(responseData)**

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

```

//Addingtheuserdata totheuserDatabase
let database = await
localforage.getItem("userDatabase")if(database==null){
    database=[]
}
database.push(responseData)
awaitlocalforage.setItem("userDatabase",database)
// redirect to the home
pagewindow.location.href='
/'

})

```

```

function popupwindow(url, title, w, h)
{varleft= (screen.width/2)-(w/2);
vartop=(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",functi
on() {
    popupwindow("/fireoauth.html","FireOAuth",450,600)

})

```

**</script>**

**<script>**

**//this.Website'sScripts/AppLogic**

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

**e.preventDefault()**

**let firstName=document.getElementById("firstName").value**  
**e**

**let lastName=document.getElementById("lastName").value**

**let username**  
**=document.getElementById("username").value**

**let email=document.getElementById("email").value**

**let password =**

**document.getElementById("password").valuelet 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>
```

## OUTPUT:

Login to Continue

First Name

Last Name

User Name

Email

Password

Sign Up

Login with SAFETY

[Already have an Account? Login ↗](#)