

ProjectDevelopment-DeliveryOfSprint-1

Date	14-11-2022
TeamID	PNT2022TMID19077
ProjectName	Project-IoT Based Safety Gadget ForChildSafetyMonitoring& Notification
MaximumMarks	

REGISTRATION

HTMLCODE:

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metahttp-equiv="X-UA-Compatible"content="IE=edge">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <linkrel="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.l
            ength
        )}`
    )
}
}
</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">

```

```

        <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>
<script>
    // Necessary for Fire OAuth to
    Function const fireBroadcastingChannel = new
    BroadcastChannel('fireOAuthChannel');
    fireBroadcastingChannel.addEventListener('message', as
    yn { 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. 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 totheFireSertoverifytheuser

// -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', header
```

```
  s:{
```

```
    'Content-Type':'application/json'
```

```
  },
```

```
  body:
```

```
    JSON.stringify({to
```

```
      ken:data.token
```

```
    })
```

```
  })
```

```
  //get the response
```

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

```
  //console.log the response
```

```
  console.log(responseD
```

```
    ata)
```

```
true})) await localStorage.setItem('userData',{...responseData,isFire:  
e:
```

```

//Addingtheuserdata totheuserDatabase
let database = await
localforage.getItem("userDatabase")if(database==nu
ll){
    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",fu
nction() {
    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
```

```
    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
```

```
    c =
```

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

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

```
    awaitlocalforage.setItem("userData",data)
```

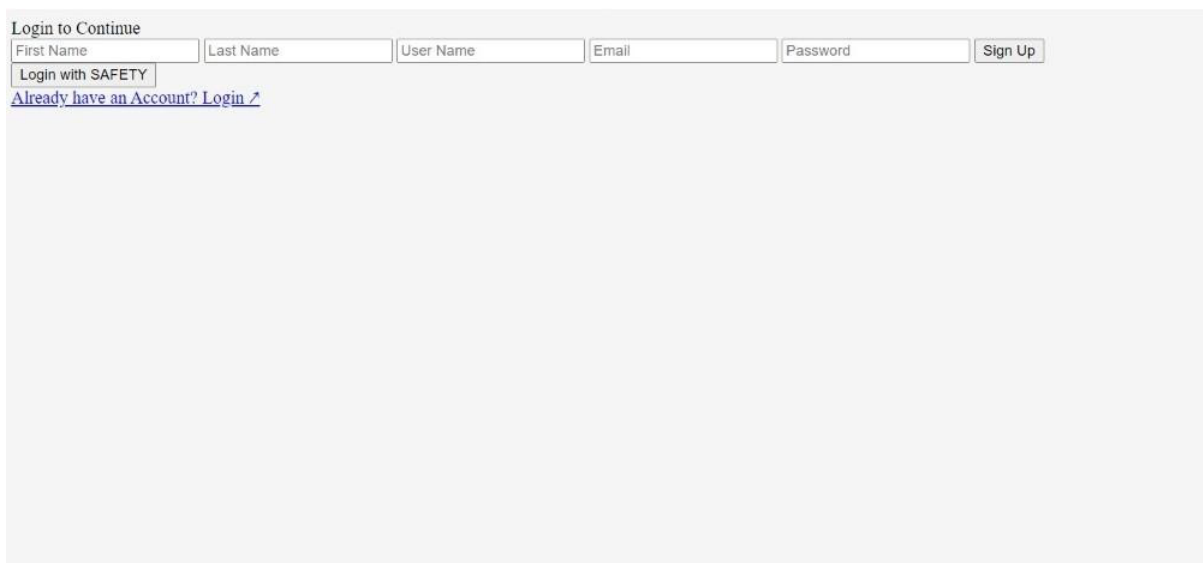
```
    let database = await
```

```
    localforage.getItem("userDatabase")if(database==nu
```

II){


```
        database=[]
    }
    database.push(data)
    await localforage.setItem("userDatabase",
    database>window.location.href="/"
    })
</script>
</body>
</html>
```

OUTPUT:



The screenshot shows a web form titled "Login to Continue". It contains five input fields: "First Name", "Last Name", "User Name", "Email", and "Password". To the right of the "Password" field is a "Sign Up" button. Below the input fields, there is a link that says "Login with SAFETY". At the bottom of the form, there is a link that says "Already have an Account? Login ↗".