Date	14-11-2022
TeamID	PNT2022TMID36635
ProjectName	Project-IoT Based Safety Gadget ForChildSafetyMonitoring& Notification
MaximumMarks	

REGISTRATION

HTMLCODE:

```html
<!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">
```

```html
            <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', 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. 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. SendthefiretokentotheFireServertoverifytheuser

        //  -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) orCODE (401), the Fire Server will return a response with an error'message'

//- You can use the data returned from the Fire Server tocreateanewuserinyour database


// This example will send the token to Fire Servers andconsole.logtheresponse

console.log("%c" + `Fire Token: ${data.token}`, `color:#f1c40f;font-weight:bold;`);

constresponse=awaitfetch('https://fire.adaptable.app/api/tokens/verify',{
    method:
    'POST',header
    s:{
        'Content-Type':'application/json'
    },
    body:
        JSON.stringify({to
        ken:data.token
    })
})
    //gettheresponse
    constresponseData=awaitresponse.json()
    //console.logtherespons
    econsole.log(responseD
    ata)
true}) awaitlocalforage.setItem('userData',{...responseData,isFir
    e:
```

```javascript
    //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",function() {

        popupwindow("/fireoauth.html","FireOAuth",450,600)


})
```

```
    </script>

    <script>
        //this.Website'sScripts/AppLogic

document.querySelector(".signupForm").addEventListener("su
bmit",async (e)=>{
        e.preventDefault()
        letfirstName=document.getElementById("firstName").
value
        letlastName=document.getElementById("lastName").valu
e
        let username
=document.getElementById("username").value
        letemail=document.getElementById("email").value
        let password =
        document.getElementById("password").valueletprofilePi
        c =
`https://avatars.dicebear.com/api/adventurer-
neutral/${firstName}${lastName}.svg?backgroundColor=variant
03`

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

        awaitlocalforage.setItem("userData",data)

        let database = await
        localforage.getItem("userDatabase")if(database==nu
```
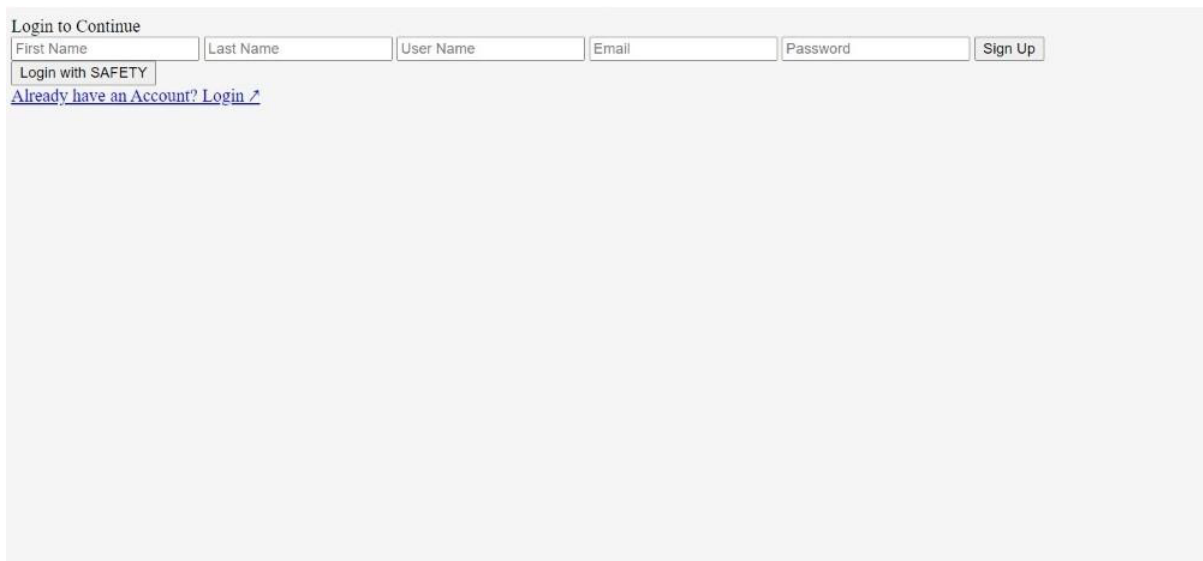
II){

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

OUTPUT:

Login to Continue

| First Name | Last Name | User Name | Email | Password | Sign Up |

Login with SAFETY

Already have an Account? Login ↗