

Project Development - Delivery Of Sprint-1

Date	14-11-2022
Team ID	PNT2022TMID47674
ProjectName	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification
MaximumMarks	

REGISTRATION

HTML CODE:

```
<!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="/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">
```

```

Up"      <input class="loginButton" type="submit"
>        value="Sign

        </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('messag
e', 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
```

```
    })
```

```
  })
```

```
)
```

```
true}
```

```

// the response
get console.log(responseD
the ata)
resp
ons await localforage.setItem('userData', {...responseData,
e isFire:
cost
resp
ons
eDat
a =
awai
t
resp
ons
e.js
n()
/
/

c
o
n
s
o
l
e
.
l
o
g

```

```

// 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=variant
03`
```

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

```
await localStorage.setItem("userData", data)
```

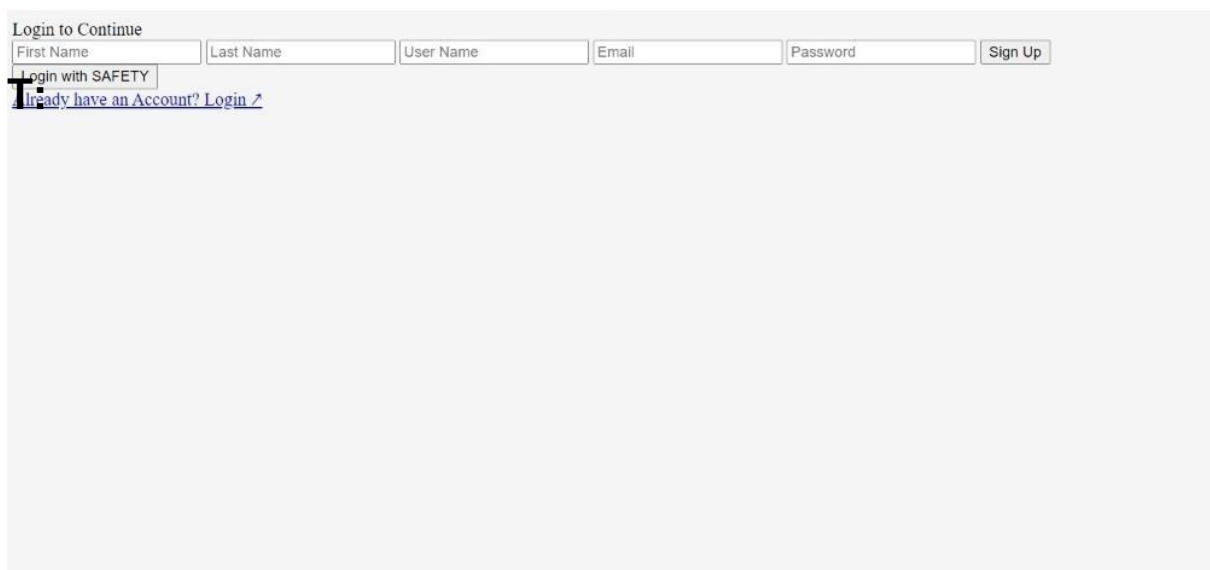
```
let database = await
```

```
localStorage.getItem("userDatabase") if (database
== null) {
```



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

OUTPU



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 ↗".