Sprint4

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Project Name	IoT Based Safety Gadget for ChildSafetyMonitoringandnotifi ca tion

FIREOAUTH:

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metaname="viewport"content="width=device-width,initial-scale=1.0"
  ><linkrel="stylesheet"href="/css/fireoauth.css">
  <link
rel="stylesheet"href="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.
c ss">
                                                                        <linkrel="
shortcut
icon"href="https://raw.githubusercontent.com/tharunoptimuspd/firepwa/main/favicon.ico?
```

```
t oken=GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA"type="image/x-icon">
<style>
              html,
body{
height:100%;
margin:0;
     font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto,
Oxygen,Ubuntu,Cantarell,"OpenSans","HelveticaNeue",sans-serif; font
weight:300;
     }
     a {
        text-decoration:
none;color:#007bff; font
weight:500;
        font-size:1.2rem;
     }

     h3{
        font-size:1.4rem;
     }

     h3, h4
{margin:0;
        padding:0.3rem0;
     }
```

```css
.wrapper {
display:flex; flex
direction:column;
align-items:
center;justify-
content:center;
height:100%; text
align:center;
    }

    .oneClickSignin {
            padding:0.5rem;
            border: 1px
solid#44444444; border
radius:5px;
box-shadow:003px0px#44444444
; opacity:0.2;
        pointer-events:none;
    }

    .qrcode
{opacity:0.1;
    }

    .learnAboutFire
```

```css
        {padding
        top:1.25em;
    }


    .qrHolder
{display:none;
        margin-top:3rem;
    }
    .qrContainer
{align
items:center;
display:flex; justify
content:center;
padding:8px;
                    margin:2rema
uto; box
shadow: 0 0px 6px 1px rgb(0
00/16%); border: 1px
solid
#44444444;border
radius:
6px;width:200px;
        height:200px;
    }
   </style>
   <title>FireOAuth</title>
```

```html
    <script>
        if (window.location.hostname !== "localhost")
{if (location.protocol !=="https:"){
location.replace(
            `https:${location.href.substring(
                location.protocol.length
            )}`
        )
      }
    }
  </script>
</head>
<body>
  <divclass="wrapper">
    <h3class="pageTitle">LoginwithFire??</h3> <divclass="qrAuthorize">
      <h4class="subTitle">ScanQRfrom your FireOAuthApp??</h4>

      <divclass="qrContainer">
        <canvasid="qr-code"class="qrcode"></canvas>
      </div>
    </div>

    <divclass="oneClickSignin">
      <h4>HaveFirePWAonthisdevice?</h4>
<a target="_blank"
id="authorizeOverLink"href="https://firepwa.netlify.app/authorize?sessionId"rel="noopener">Cl
```

```
i cktoAuthorize??</a>
    </div>


    <divclass="learnAboutFire">
      <atarget="_blank"href="https://fireoauth.netlify.app"rel="noopener">LearnMoreaboutFir
e ??</a>
    </div>
  </div>
  <scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.js"></script
> <scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qrious.min.js"></script>
<scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/socket.io/4.2.0/socket.io.js"></script>
<script>


    constFIRE_API_KEY="635b790a3bcc6b59c4b772d0"
    const FIRE_ENDPOINT =
"https://fire.adaptable.app/api/apis/generate"constCHANNEL_NAME
="fireOAuthChannel"
    const broadCastingChannel = new
    BroadcastChannel(CHANNEL_NAME)const
    FIRE_SERVER_SOCKET_ENDPOINT =
    "https://fire.adaptable.app"letsocket
    =io(FIRE_SERVER_SOCKET_ENDPOINT)

    let qr

    letqrcode=document.querySelector(".qrcode")
```

```javascript
letoneClickSignin=document.querySelector(".oneClickSignin")

letpageTitle=document.querySelector(".pageTitle")
    letsubTitle=document.querySelector(".subTitle")

    function setOpacity(opacity)
{oneClickSignin.style.opacity=opacity
        oneClickSignin.style.pointerEvents = opacity === "1" ? "auto" :
"none"qrcode.style.opacity=opacity
    }

    async function getSessionID()
        {let response
try{
   r
        sponse=awaitfetch(`${FIRE_ENDPOINT}/${FIRE_API_KEY}`,
  { e
method:"GET",
          headers:{
            "Content-Type":"application/json",
        }
      })
    } catch (error)
{console.log(error) returnnull
      }
```

```
        let data = await
response.json()let{sessionId,chatRoo
mId}=data
        return{sessionId,chatRoomId}
    }


    function generateQR(value)
{(qr=newQRious({
        element: document.getElementById("qr
code"),size:200, level: 'M',
        value:value,
    }))
    }


    functionchangeHREF({sessionId,chatRoomId}){
                                            let
firePwaUrlHostname="https://firepwa.netlify.app" let
originURL=encodeURIComponent(window.location.origin


        ) leturl =

`${firePwaUrlHostname}/authorize.html?sessionId=${sessionId}&chatRoomId=${chatRoomId}&url=${ori
g inURL}`
        let a =
document.getElementById("authorizeOverLink")a.href =url
```

```javascript
        }

    async function fire()
{NProgress.set(0.4)
        let{sessionId,chatRoomId}=awaitgetSessionID()

        if(sessionId===undefined||chatRoomId===undefined||sessionId===null||chatRoomId==
= null){
            pageTitle.innerHTML="Somethingwentwrong???"
subTitle.innerHTML="Pleasetryagain later????" return
        }

        setOpacity("1")


        NProgress.done()
letdata ={
sessionId,
        url:encodeURIComponent(window.location.origin)
        }
        data =
                JSON.stringify(data)genera
teQR(data)
changeHREF({sessionId,
        chatRoomId})socket.emit("joinroom",session
        Id)
```

```
        }
      fire()

      socket.on("trusted token", (token) =>

         {let data ={}
 data.success =
 truedata.token=to
 ken

         broadCastingChannel.postMessage(data)

         window.close()
      })
   </script>
 </body>
</html>
```

DASHBOARD:
```
 <!DOCTYPE html>
 <htmllang="en">
 <head>
    <metacharset="UTF-8">
    <metahttp-equiv="X-UA-Compatible"content="IE=edge">
    <metaname="viewport"content="width=device-width,initial-scale=1.0"
    > <linkrel="stylesheet"href="./css/dashboard.css">
```

```html
    <title>Dashboard</title>
    <scriptsrc="./localforage.js"></script>
</head>
<body>
  <divclass="wrapper">
    <divclass="header">
      <spanclass="heading">Dashboard</span>
      <spanclass="right">
        <spanclass="username">HelloUser</span>
        <span>
          <img class="profilePic"
src="https://avatars.dicebear.com/api/avataaars/asdfasdfds.svg"alt="UserProfile"
height="30"width="30">
        </span>
      </span>
    </div>

    <divclass="actionCenter">
      <divclass="action">
        <span>CreateChildCard</span>
      </div>
      <divclass="action">
        <spanclass="logout">Logout</span>
      </div>
    </div>
  </div>
```

```html
<divclass="childCardContainer">
  <divclass="childCard">
    <div class="childCardHeader">
      <span>ChildName</span>
      <span>Age12</span>
    </div>
    <divclass="actions">
      <span>View</span>
      <span>GeoFence</span>
    </div>
  </div>
</div>
<script>
    asyncfunctionmain(){
      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.profilePi
    c }
    main()
    document.querySelector(".logout").addEventListener("click", async () =>
      {awaitlocalforage.setItem('userData',null)
```

```
        window.location.href="/login"
            })
    </script>
 </body>
</html>
```