Sprint4

Date	11 November 2022
TeamID	PNT2022TMID47921
ProjectName	IoTBasedSafetyGadgetfor Child Safety Monitoring andnotification

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.css">
    <link rel="shortcut icon" href="https://raw.githubusercontent.com/tharunoptimus-pd/firepwa/main/favicon.ico?token=GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA"type="image/x-icon">
    <style>
        html,body{
            height:100%;
            margin:0;
            font-family:-apple-system,BlinkMacSystemFont,"SegoeUI",Roboto,Oxygen,
```

```css
    Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", 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;
}

.wrapper
    {display:fle
    x;
    flex-direction:
    column;align-items:
    center;justify-
    content:
    center;height:100%;
```

```css
        text-align:center;
}


.oneClickSignin
    {padding:0.5re
    m;
    border: 1px solid
    #44444444;border-radius:
    5px;
    box-shadow: 003px 0px#44444444;
    opacity:0.2;
    pointer-events:none;
}

.qrcode
    {opacity:0.1;
}

.learnAboutFire
    {padding-
    top:1.25em;
}

.qrHolder
    {display:none;
    margin-top:3rem;
}

.qrContainer{
```

```
        align-items:
        center;display:fle
        x;
      justify-content:
      ;padding: 8px;
        margin:2remauto;
        box-shadow: 0 0px 6px 1px rgb(0 0 0 /
        16%);border:1pxsolid #44444444;
        border-radius:
        6px;width:200px;
        height:200px;
      }
    </style>
    <title>FireOAuth</title>
    <script>
      if (window.location.hostname !==
        "localhost") {if (location.protocol
         !=="https:"){
          location.replace(
            `https:${location.href.substri
             ng(location.protocol.length
           )}`
          )
        }
      }
    </script>
  </head>
  <body>
```

```html
<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">
ClicktoAuthorize??</a>
    </div>

    <divclass="learnAboutFire">
      <atarget="_blank"href="https://fireoauth.netlify.app"rel="noopener">LearnMoreaboutFire
??</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 =
```

```javascript
"https://fire.adaptable.app/api/apis/generate"constCHANNEL_NA
ME ="fireOAuthChannel"
constbroadCastingChannel=newBroadcastChannel(CHANNEL_NAME)
const FIRE_SERVER_SOCKET_ENDPOINT =
"https://fire.adaptable.app"letsocket
=io(FIRE_SERVER_SOCKET_ENDPOINT)

let qr

letqrcode=document.querySelector(".qrcode")
let oneClickSignin =
document.querySelector(".oneClickSignin")letpageTitle=d
ocument.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{
        response = await
            fetch(`${FIRE_ENDPOINT}/${FIRE_API_KEY}`,
            {method:"GET",
            headers:{
```

```
        "Content-Type":"application/json",
      }
    })
  } catch (error)
    {console.log(err
    or)
   returnnull
  }

  letdata=awaitresponse.json()
  let { sessionId,chatRoomId } =
  datareturn{sessionId, chatRoomId}
}

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

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

  leturl =
```

```
`${firePwaUrlHostname}/authorize.html?sessionId=${sessionId}&chatRoomId=${chatRoomId}&ur
l=${originURL}`
        let a =
        document.getElementById("authorizeOverLink")a.h
        ref =url
    }
  async function fire()
{NProgress.set(0.4)
        let{sessionId,chatRoomId}=awaitgetSessionID()


  null){
if(sessionId===undefined||chatRoomId===undefined||sessionId===null||chatRoomId===

  pageTitle.innerHTML = "Something went wrong
   ???"subTitle.innerHTML = "Please try again later
   ????"return
}

        setOpacity("1")


        NProgress.don
        e()let data ={
           sessionId,
           url:encodeURIComponent(window.location.origin)
        }
        data =
        JSON.stringify(data)generateQR(d
```

```javascript
        ata)changeHREF({sessionId,
        chatRoomId})socket.emit("joinroo
        m",sessionId)
    }

    fire()
socket.on("trustedtoken",(token)=>{

        let data =
        {}data.success =
        truedata.token=t
        oken

        broadCastingChannel.postMessage(data)

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

DASHBOARD:
 <!DOCTYPEhtml>
 <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>

    <divclass="childCardContainer
            ">
        <divclass="childCard">
```

```html
            <div
          class="childCardHeader">
            <span>ChildName</span>
            <span>Age12</span>
          </div>
          <divclass="actions">
          <span>View</span>
            <span>GeoFence</span>
          </div>
        </div>
      </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.
    profilePic
  }
  main()
  document.querySelector(".logout").addEventListener("click", async ()
    => {awaitlocalforage.setItem('userData',null)
    window.location.href="/login"
  })
</script>
```

```
 </body>
</html>
```