

## Sprint4

Date	07 November2022
TeamID	PNT2022TMID26473
ProjectName	IoT Based Safety Gadget for ChildSafetyMonitoringandnotifica tion
MaximumMarks	8 Marks

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>
```

**body{**

**html,**

```
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;
}

    .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
{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
#444444444;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.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">Cli
cktoAuthorize??</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 =
"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")

letoneClic

kSignin=document.querySelector(".oneClickSignin")

letpageTit

le=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,chatRoomId}=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=${chatRoomId}&url=${originURL}``

```
    let a =  
document.getElementById("authorizeOverLink")a.href =url  
}
```

```
    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>
```

```
<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="./css/dashboard.css">
```

```
  <title>Dashboard</title>
```



```
<scriptsrc="./localforage.js"></script>
```

```
</head>
<body>
  <divclass="wrapper">
    <divclass="header">
      <spanclass="heading">Dashboard</span>
      <spanclass="right">
        <spanclass="username">HelloUser</span>
        <span>
          
        </span>
      </span>
    </div>

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

    <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>
</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>