SPRINT- 4

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TeamID	PNT2022TMID25977
ProjectName	IOT Based Safety Gadget for Child Safety Monitoring & Notification

FIREOAUTH:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="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=GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQX
OISYUJUWAA" type="image/x-icon">
    <style>
    html,
    Body
    {

    height: 100%;
    margin: 0;
    font-family: -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, Oxygen, 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;
```

```css
  padding: 0.3rem 0;
}
.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: 0 0 3px 0px #44444444;
opacity: 0.2;
pointer-events: none;
}
.qrcode {
opacity:
0.1;
}
.learnAboutFire {
padding-top:
1.25em;
}
.learnAboutFire {
padding-top:
1.25em;
}
.qrHolder {
display:
none;
margin-top: 3rem;
}
.qrContainer {
align-items:
center; display:
flex;
justify-content:
center; padding:
8px;
margin: 2rem auto;
box-shadow: 0 0px 6px 1px rgb(0 0 0 /
```

```html
            16%); border: 1px solid #44444444;
            border-radius: 6px; width: 200px; height: 200px;
            }
        </style>
        <title>Fire OAuth</title>
        <script>
        if (window.location.hostname !==
        "localhost") { if (location.protocol !==
        "https:") {
                    location.replace(
                    `https:${location.href.substring(
                    location.protocol.length
                    )}`
                )
            }
        }
        </script>
        </head>
        <body>
            <div class="wrapper">
                <h3 class="pageTitle">Login with Fire ??</h3>
        <div class="qrAuthorize">
        <h4 class="subTitle">Scan QR from your Fire OAuth App??</h4>

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

        <div class="oneClickSignin">
        <h4>Have Fire PWA on this device?</h4>
        <a target="_blank" id="authorizeOverLink"
href="https://firepwa.netlify.app/authorize?sessionId"
rel="noopener">Click to Authorize ?? </a>
        </div>
        <div class="learnAboutFire">
        <a target="_blank" href="https://fireoauth.netlify.app"
rel="noopener">Learn More about Fire
        ??</a>
        </div>
        </div>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.m
in.js"></script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qrious.min.js">
</script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/socket.io/4.2.0/socket.io.js"
```

```
></script>
    <script>

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

    let qr

    let qrcode = document.querySelector(".qrcode")
    let oneClickSignin = document.querySelector(".oneClickSignin") let
pageTitle = document.querySelector(".pageTitle")
    let subTitle = 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(error)
      return null
      }
      let data = await response.json()
      let { sessionId, chatRoomId } =
      data return { sessionId,
      chatRoomId }
      }
      function
```

```javascript
    generateQR(value) { (qr
    = new QRious({
          element: document.getElementById("qr-
code"), size: 200,
level: 'M',
value:
value,
}))
}

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

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

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

    null) {
          if(sessionId === undefined || chatRoomId === undefined || sessionId === null ||
    chatRoomId ===
        pageTitle.innerHTML = "Something went wrong ???" subTitle.innerHTML = "Please try
    again later ????" Return
    }

    setOpacity("1")

    NProgress.done () let data = {
    sessionId,
    url: encodeURIComponent(window.location.origin)
    }
    data = JSON.stringify(data)
    generateQR(data)
    changeHREF({sessionId,
    chatRoomId}) socket.emit("join room", sessionId)
    }
```

```
fire()
socket.on("trusted token", (token) => {
   let data = {}
   data.success =
   true data.token
   = token

broadCastingChannel.postMessage(data)

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

DASHBOARD:

```html
<!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>
<script src="./localforage.js"></script>
</head>
<body>
<div class="wrapper">
<div class="header">
<span class="heading">Dashboard</span>
<span class="right">
<span class="username">Hello User</span>
<span>
<img class="profilePic" src="https://avatars.dicebear.com/api/avataaars/asdfasdfds.svg"
alt="User Profile" height="30" width="30">
</span>
</span>
</div>
<div class="actionCenter">
<div class="action">
<span>Create Child Card</span>
</div>
<div class="action">
<span class="logout">Log out</span>
</div>
</div>
```

```html
<div class="childCardContainer">
<div class=”child Card”>
<span>Child Name</span>
<span>Age 12</span>
</div>
<div class="actions">
<span>View</span>
<span>GeoFence</span>
</div>
</div>
</div>
</div>
<script>
async function main() {
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 () => { await
localforage.setItem('userData', null)
window.location.href = "/login"
})
</script>
</body>
</html>
```