

SPRINT 4

TEAM ID :	PNT2022IBMTMID41116
PROJECT :	IOT Based Safety Gadgets For Child Safety Monitoring and Notifications
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FIREOAUTH:

```
<!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/tharunoptimuspd/firepwa/main/favicon.ico?token=
GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA" 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;  
        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;
}
```

```
.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 / 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.min.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 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=${chatRoomId}&url=${originURL}`
    let a = document.getElementById("authorizeOverLink")
  a.href = url
}
```

```

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

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

```
<!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>
    
  </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>
```

```
<div class="childCardContainer">
  <div class="childCard">
    <div class="childCardHeader">
      <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 localStorage.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 localStorage.setItem('userData', null)
        window.location.href = "/login"
    })
</script>
</body>
</html>
```