

SPRINT 4

Date	19 Nov2022
TeamID	PNT2022TMID11663
ProjectName	Project-IoTBasedSafetyGadgetForChild SafetyMonitoring&Notification

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/tharunoptimus-pd/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()
```

```
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:

```
<!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>
```