# SPRINT 04 CODES

## IoT Based Safety Gadget for Child Safety

## Monitoring & Notification

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**CODE FOR 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>
```

```html
<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=${chatRoomId}&url=${ori
```

```
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.
innerHT
ML =
"Somethi
ng went
wrong
???"
subTitle.i
nnerHTM
L =
"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>
```

```html
<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>
<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 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>
```