

SPRINT-4

Data Publish to IOT Device

SPRINT-4	10 November 2022
Project name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Team Id	PNT2022TMID24203

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;
```

```
Date 06 November 2022
```

```
Team ID PNT2022TMID30760
```

```
Project Name IoT Based Safety Gadget for Child Safety
```

Monitoring and notification

Maximum Marks 8 Marks

```
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; }
onClickS
ignin {
padding:
0.5rem;
border:
1px solid
#444444
44;
border-
radius:
5px; box-
shadow:
0 0 3px
0px
#444444
44;
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=${chatRoomId}&url=${o
riginURL}` 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">

Dashboard

Hello User

</div>

<div class="actionCenter">

<div class="action">

Create Child Card

</div>

<div class="action">

Log out

</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>
</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>
```

