

SPRINT-4

WEB USER INTERFACE FIREOAUTH.

HTML HTML, CSS AND JS CODE:

Login with SAFETY

Scan QR from your Fire OAuth App

Have Fire PWA on this device?

[Click to Authorize](#)

[Learn More about SAFETY](#)

CODE:

```
<!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="/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=GHSAT0AAAAAABR46  
HVJ5M5L3QGFRZRQXOISYUJUWAA" 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 SAFETY</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 SAFETY</a>
</div>
</div>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/n
progress.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qriou

```

```

s.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) {

```

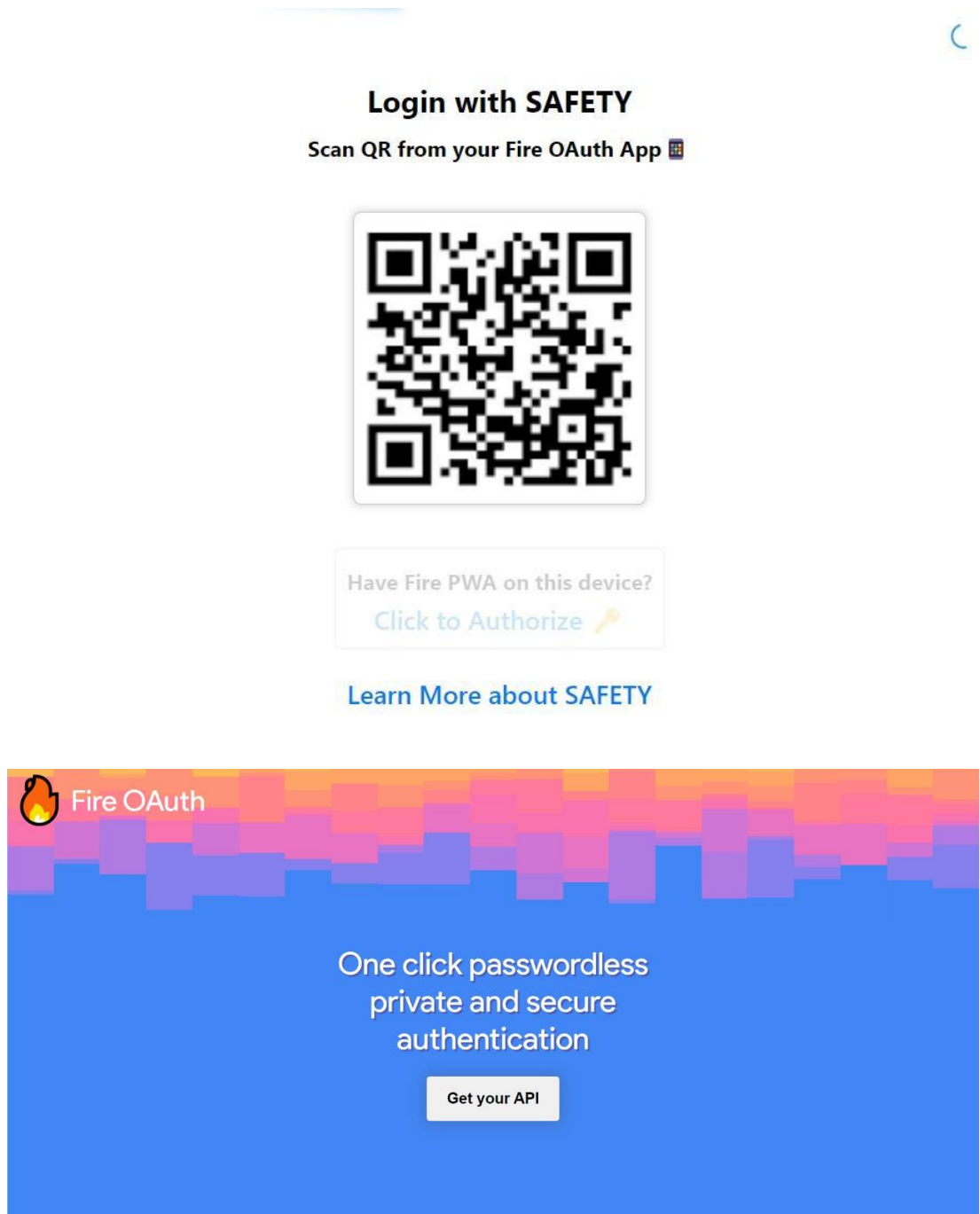
```

(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

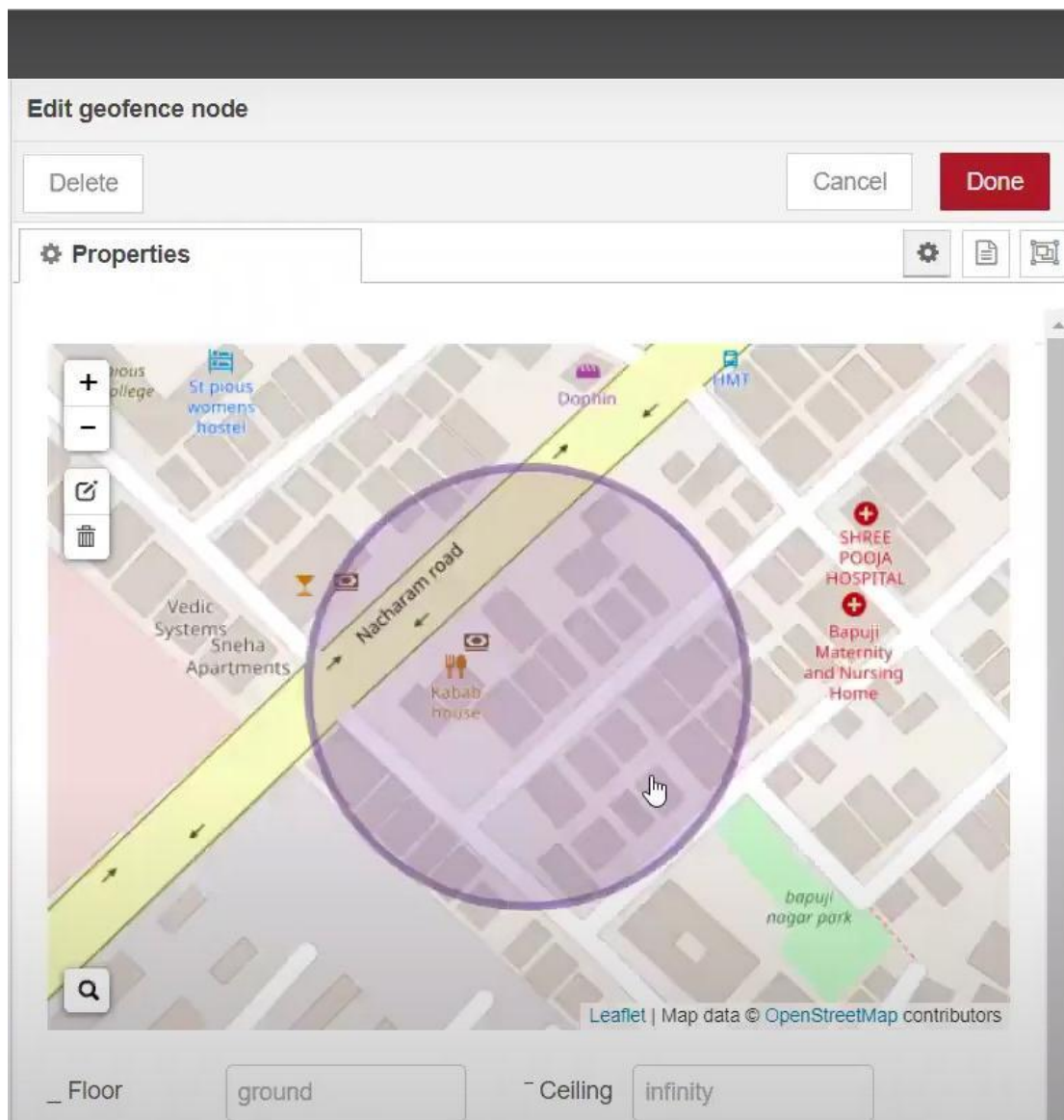
```

```
data.token = token
broadcastChannel.postMessage(data)
window.close()
})
</script>
</body>
</html>
```

OUTPUT:



GEOFENCE NODE



LOCATION:

After running the script, the web UI shows “Child is not in the particular area

Map

