

SPRINT-4

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/n
progress.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;
```

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}
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 #444444444;
border-radius: 5px;
box-shadow: 0 0 3px 0px #444444444;
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 #444444444;
border-radius: 6px;
```

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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

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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) {

```

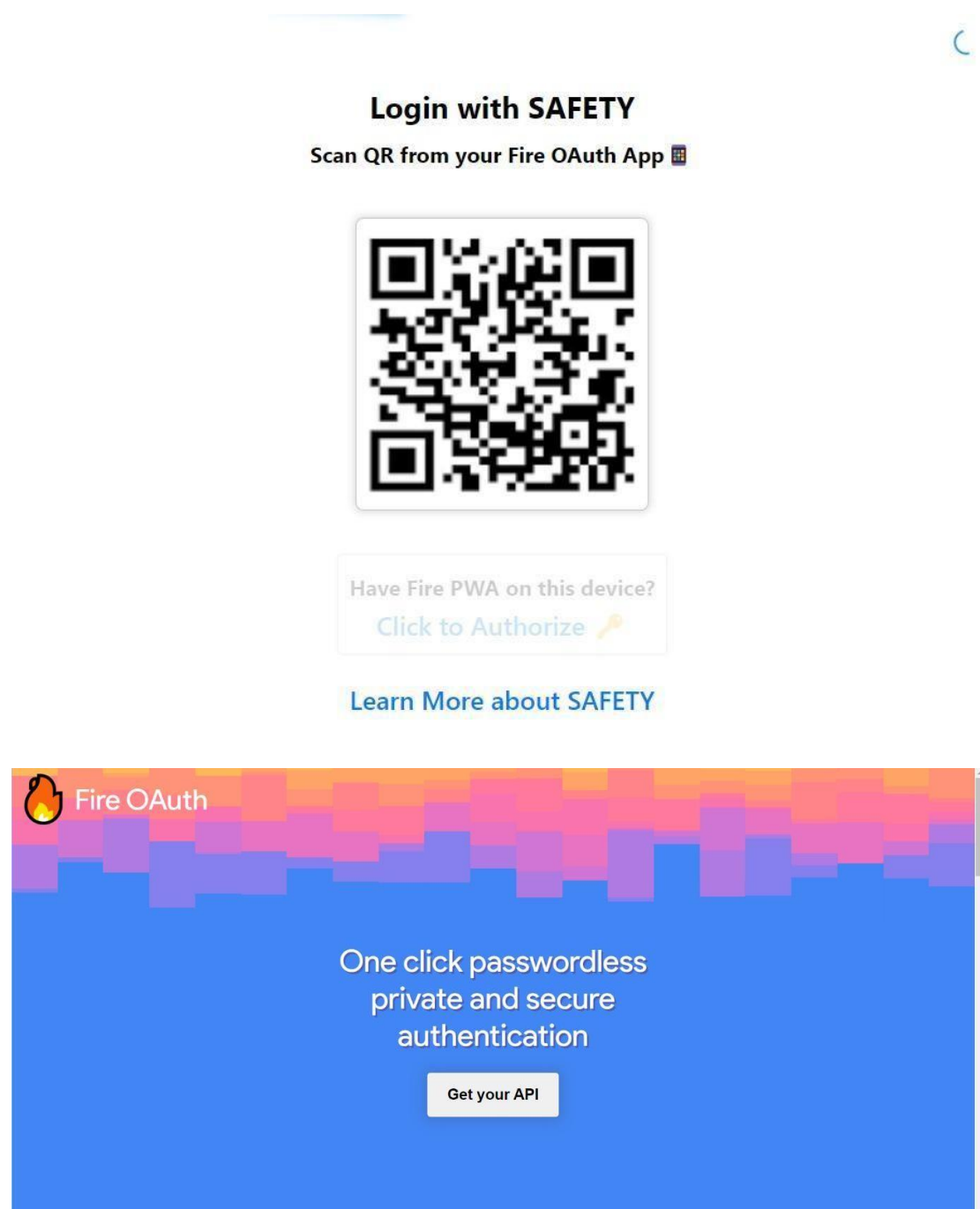
```

(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 =
`${firePwaUrlHostname}/authorize.html?sessionId=${session
Id}&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

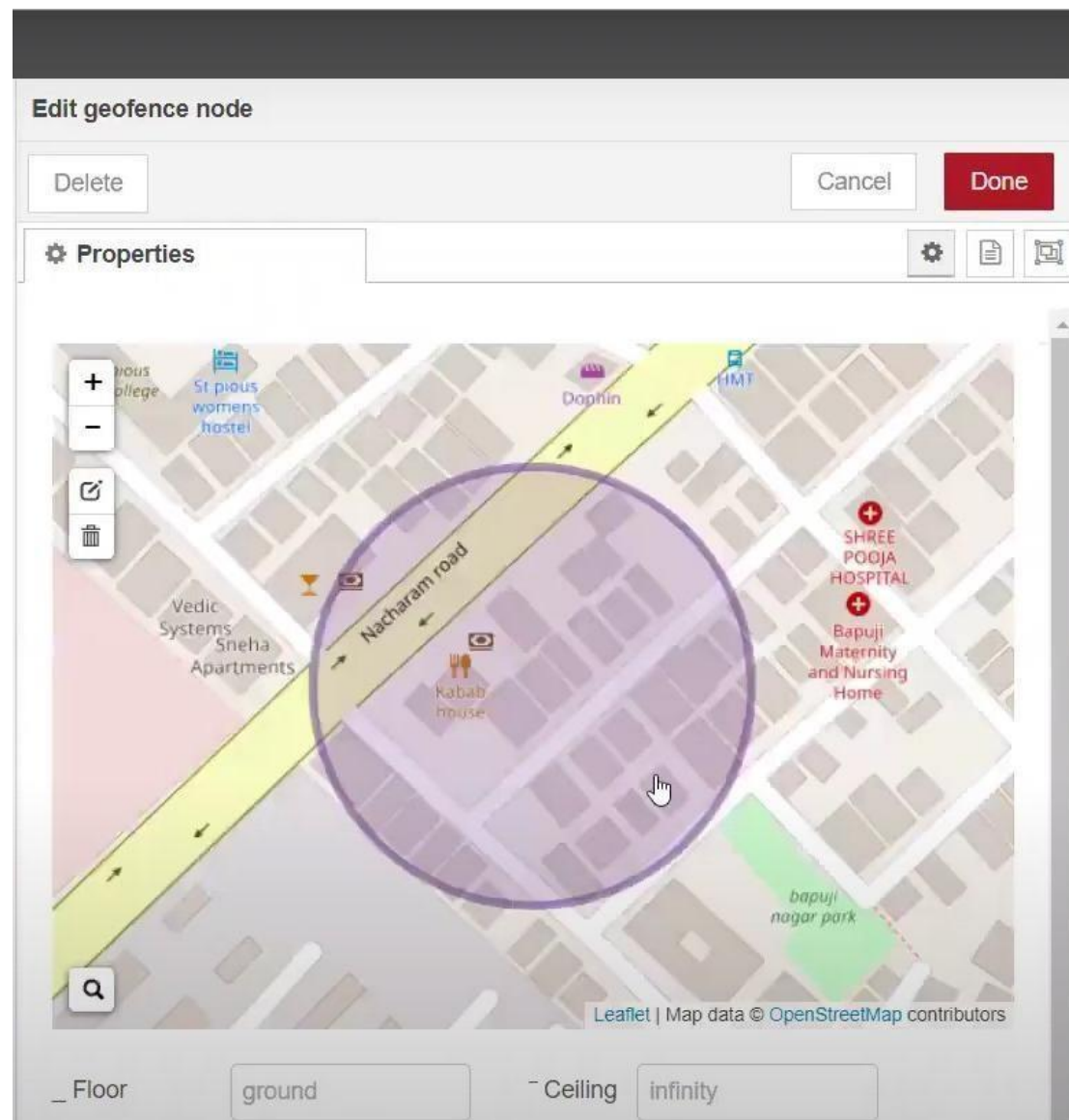
```

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

OUTPUT:



GEOFENCE NODE



LOCATION:

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

Map

