

Sprint-3

Team ID	PNT2022TMID05746
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

fireoauth.html

<!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 #444444444;  
  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">
```

[Learn More about Fire 🔥](https://fireoauth.netlify.app)

</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()

  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>

```

geomap.html

```

<html>

<head>

    <title>Google Maps Draw Polygon Get Coordinates</title>

</head>

<body >

    <div style="background-color:#d9ae23;border: 1px solid #d9ae23;display: flex;justify-
content: space-between;height: 60px;"><h2 style="color:white;display: inline;height:

```



```
50px;margin-left: 10px;">SET GEO FENCE</h2><button onclick="navBack()" style="width:
100px;height:45px;margin-top: 7px;margin-right: 15px;">Done</button></div>
```

```
<div id="map-canvas" style="height: 84%; width: 100%;border: 1px solid
#d9ae23;"></div>
```

```
<div style="display:flex;gap: 15px; height: 60px; width: 100%;border: 1px solid
#d9ae23;background-color:#d9ae23;align-items: center;">
```

```
<div style="color: white; font-size: 18px;display: inline;">Updated Coordinates (X,Y):
</div>
```

```
<div id="info" style="display:inline; color:white; font-family: Arial; height:20px; font-size:
18px;"></div>
```

```
</div>
```

```
<script type="text/javascript"
src="https://maps.googleapis.com/maps/api/js?key=AlzaSyDPrXeft0jiBpUERVuhEOi_EYWtb
rO25_M&libraries=drawing"></script>
```

```
<script src="drawMap.js"></script>
```

```
<script>
```

```
function navBack(){
    window.location.href='dashboard.html';
    alert("GeoFence added Successfully");
}
```

```
</script>
```

```
</body>
```

```
</html>
```