Sprint-3

Team ID	PNT2022TMID48118
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=GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQXOISYUJUW
AA" 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;
```

```css
  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;

}
```

```css
    .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">
```

```html
        <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

    }
```

```javascript
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"
```

```javascript
        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
<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:
```

```html
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=AIzaSyDPrXeft0jiBpUERVuhEOi_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>
```