

Project Development - Delivery Of Sprint-4

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|---------------------|---|
| Date | 16-11-2022 |
| Team ID | PNT2022TMID49175 |
| Project Name | IOT Based Safety Gadget For Child Safety Monitoring & Notification |

WEB USER INTERFACE

HTML,CSS AND JS CODE:

```
<!DOCTYPE
PE 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;  
    }
```

```
    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 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">LearnMore 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/soc
ket.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>
```