Sprint 4

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| --- | --- |
| Date | 19th November 2022 |
| Team ID | PNT2022TMID49271 |
| Project Name | IoT Based Safety Gadget for Child Safety Monitoring and notification |
| Maximum Marks | 8 Marks |

**FIREOAUTH:**

<!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 #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">

<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

}

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=${chatRoomId}&url=${ori ginURL}`

let a = document.getElementById("authorizeOverLink")a.href

= url

}

async function fire() { NProgress.set(0.4)

let { sessionId, chatRoomId } = await getSessionID()

null) {

if(sessionId === undefined || chatRoomId === undefined || sessionId === null || chatRoomId ===

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>

DASHBOARD:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="./css/dashboard.css">

<title>Dashboard</title>

<script src="./localforage.js"></script>

</head>

<body>

<div class="wrapper">

<div class="header">

<span class="heading">Dashboard</span>

<span class="right">

<span class="username">Hello User</span>

<span>

<img class="profilePic" src="https://avatars.dicebear.com/api/avataaars/asdfasdfds.svg" alt="User Profile" height="30" width="30">

</span>

</span>

</div>

<div class="actionCenter">

<div class="action">

<span>Create Child Card</span>

</div>

<div class="action">

<span class="logout">Log out</span>

</div>

</div>

<div class="childCardContainer">

<div class="childCard">

<div class="childCardHeader">

<span>Child Name</span>

<span>Age 12</span>

</div>

<div class="actions">

<span>View</span>

<span>GeoFence</span>

</div>

</div>

</div>

</div>

<script>

async function main() {

let userData = await localforage.getItem('userData')if(userData

== null) {

window.location.href = "/login"

}

document.querySelector(".username").innerHTML = `Hello ${userData.firstName}` document.querySelector(".profilePic").src = userData.profilePic

}

main()

document.querySelector(".logout").addEventListener("click", async () => {await localforage.setItem('userData', null)

window.location.href = "/login"

})

</script>

</body>

</html>