**SPRINT 4**

|  |  |
| --- | --- |
| **TEAM ID** | **PNT2022TMID44628** |
| **PROJECT NAME** | **IOT BASED GADGET FOR CHILD SAFETY AND MONITORING SYTEM** |

**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/tharunoptimuspd/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()**

**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>**

**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>**