TEAM ID	PNT2022TMID33322
PROJECT NAME	IOT BASED GADGET FOR CHILD SAFETY AND MONITORING SYSTEM

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,
```

```css
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%;
```

```css
    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>
</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>
```

```html
</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="no opener">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")
```

```javascript
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

}
```

```javascript
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)
```

```javascript
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>

<scriptsrc="./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">
```

```html
<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>
```