Project Development - Delivery Of Sprint-1

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| --- | --- |
| Date | 15-11-2022 |
| Team ID | PNT2022TMID12351 |
| ProjectName | Project-IoT Based Safety Gadget For  Child Safety Monitoring &  Notification |
| MaximumMarks |  |

# REGISTRATION

HTML CODE:

<!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, initialscale=1.0">

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

<title>Sign Up</title>

<script> if (window.location.hostname !== "localhost") {

if (location.protocol !== "https:") {

location.replace(

`https:${location.href.substring( location.protocol.length

)}`

)

} }

</script>

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

</head>

<body>

<div class="wrapper">

<div class="loginContainer">

<span>Login to Continue</span>

<div class="traditionalLoginContainer">

<form class="signupForm" action="/" method="post">

<input type="text" name="firstName" placeholder="First Name" id="firstName">

<input type="text" name="lastName" placeholder="Last Name" id="lastName">

<input type="text" name="username" placeholder="User Name" id="username">

<input type="email" name="email" placeholder="Email"

id="email">

<input type="password" name="password" placeholder="Password" id="password">

<input class="loginButton" type="submit" value="Sign

Up">

</form>

</div>

<div class="loginWithFireContainer">

<button type="button" class="fire" title="Login with

SAFETY" id="fire">Login with SAFETY</button>

</div>

<a class="hyperLink" href="/login">Already have an Account? Login ↗</a>

</div> </div>

<script>

// Necessary for Fire OAuth to Function const fireBroadcastingChannel = new

BroadcastChannel('fireOAuthChannel'); fireBroadcastingChannel.addEventListener('message', async

event => {

let data = event.data

/\*\*

* @typedef {Object<string, any>} Data
* @property {boolean} success - Whether the login was

successful

* @property {string} token - The data returned from the login i.e. Fire Token

\*/

// data.token is the message sent from the fireOAuthChannel after verification

// data.success is a boolean that indicates whether the verification was successful

// data.token is the fire token

// What to do with the Fire Token?

// \* Fire Token is an unique token which uniquely identifies the user who authorized your login attempt with Fire

// \* You can use this token ONLY ONCE as it will be destroyed after the first use

// 1. Send the fire token to the Fire Server to verify the user

// - You can do that client sided or server sided

// - You need to send a POST Request to the Fire Server with the fire token

// at the URL: http://localhost:3003/api/tokens/verify

// - The Fire Server will verify the fire token and return a response

// - If the verification was successful - CODE (200), the Fire Server will return a response with the user's data

// - If the verification was unsuccessful - CODE (400) or

CODE (401), the Fire Server will return a response with an error

'message'

// - You can use the data returned from the Fire Server to create a new user in your database

// This example will send the token to Fire Servers and console.log the response console.log("%c" + `Fire Token: ${data.token}`, `color:

#f1c40f; font-weight: bold;`); const response = await

fetch('https://fire.adaptable.app/api/tokens/verify', { method: 'POST', headers: {

'Content-Type': 'application/json'

},

body: JSON.stringify({

token: data.token

})

})

// get the response

const responseData = await response.json()

// console.log the response console.log(responseData) await localforage.setItem('userData', {...responseData, isFire:

true})

// Adding the user data to the user Database let database = await localforage.getItem("userDatabase") if (database == null) {

database = []

}

database.push(responseData)

await localforage.setItem("userDatabase", database)

// redirect to the home page window.location.href = '/'

})

function popupwindow(url, title, w, h) {

var left = (screen.width/2)-(w/2); var top = (screen.height/2)-(h/2);

return window.open(url, title, 'toolbar=no, location=no,

directories=no, status=no, menubar=no, scrollbars=no, resizable=no, copyhistory=no, width='+w+', height='+h+', top='+top+', left='+left);

}

document.getElementById("fire").addEventListener("click",

function() { popupwindow("/fireoauth.html", "Fire OAuth", 450, 600)

})

</script>

<script>

// this.Website's Scripts / App Logic

document.querySelector(".signupForm").addEventListener("submit

" , async (e) => {

e.preventDefault() let firstName =

document.getElementById("firstName").value let lastName = document.getElementById("lastName").value let username =

document.getElementById("username").value let email = document.getElementById("email").value let password = document.getElementById("password").value let profilePic =

`https://avatars.dicebear.com/api/adventurer-

neutral/${firstName}${lastName}.svg?backgroundColor=variant03`

let data = { firstName, lastName, username, email, password,

profilePic }

await localforage.setItem("userData", data)

let database = await localforage.getItem("userDatabase") if (database == null) {

database = []

}

database.push(data)

await localforage.setItem("userDatabase", database) window.location.href = "/"

})

</script>

</body>

</html>

OUTPUT:

