**Conexão 01 html**

<!DOCTYPE html>

<html lang="pt-br">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

    <style>

    </style>

    <script src="script.js"></script>

    <script src="script.js"></script>

    <script> == $0

        function clicou() {

            let lista = document.getElementsByClassName("titulo");

            lista[0].innerHTML = "<em> Nova aula</em";

        }

        function mouseover() {

            let elements = document.getElementsByTagName("div");

            elements[0].style.backgroundColor = "blue";

        }

        function mouseout() {

            let elements = document.getElementsByTagName("div");

            elements[0].style.backgroundColor = "green";

            elements[0].style;

        }

    </script>

</head>

<body> == $0

    <h1 id="titulo" class="titulo">Aula12 = JavaScript</h1>

    <button onclick="clicou()">Clique Aqui</button>

    <div onclick="clicou()" onmouseout="mouseout()" mouseover="mouseover" style="background-color:aqua;width: 100px;height: 100px"></div>

</body>

</html>

**CONEXÃO 2 TML**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

    <style> </style>

    <script src="script.js"></script>

    <script src="script.js"></script>

    <script>

        function clicou() {

            let lista = document.getElementsByClassName("titulo");

            lista[0].innerHTML = "<em>Nova aula</em>";

        }

        function mouseover() {

            let elements = document.getElementsByTagName("div");

            elements[0].style.backgroundColor = "blue";

        }

        function mouseout() {

            let elements = document.getElementsByTagName("div");

            elements[0].style.backgroundColor  "green";

        }

    </script>

</head>

<body> == $0

    <h1 id="titulo" class="titulo">Aula 12 - JavaScript</h1>

    <button onclick="clicou()">Clique Aqui</button>

    <div onclick="clicou()" onmouseout="mouseout()" mouseover="mouseover" style="background-color: aqua;width:100px;height: 100px;"></div>

</body>

</html>

**LOGIN / CADASTRO**

**Sign-in and sign-up**

1 ) index.html

<!DOCTYPE html>

<html lang="pt-br">

<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">

    <title>Home</title>

</head>

<body>

    <h1>id="logado"</h1>

    <button onclick="sair ()">Sair</button>

    <script src="./assets/js/index.js"></script>

</body>

</html>

ASSETS:

1. CSS

Signin.css

@@ -0,0 +1,142 @@

@import url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300;0,400;0,500;0,700;0,900;1,100;1,300;1,400;1,500;1,700;1,900&display=swap');

\* {

  margin: 0;

  padding: 0;

  font-family: 'Roboto', sans-serif;

}

body {

  background-image: url("../images/Signin-bg.jpg");

  background-repeat: no-repeat;

  background-size: cover;

  background-attachment: fixed

}

.container {

  display: flex;

  justify-content: center;

  width: 100%;

  margin-top: 100px;

}

.card {

  background-color: #ffffff80;

  padding: 30px;

  border-radius: 4%;

  box-shadow: 3px 3px 1px 0px #00000060

}

h1{

  text-align: center;

  margin-bottom: 20px;

  color: #272262

}

.label-float input{

  width: 100%;

  padding: 5px 5px;

  display: inline-block;

  border: 0;

  border-bottom: 2px solid #272262;

  background-color: transparent;

  outline: none;

  min-width: 180px;

  font-size: 16px;

  transition: all .3s ease-out;

  border-radius: 0;

}

.label-float{

  position: relative;

  padding-top: 13px;

  margin-top: 5%;

  margin-bottom: 5%;

}

.label-float input:focus{

  border-bottom: 2px solid #4038a0;

}

.label-float label{

  color: #272262;

  pointer-event: none;

  position: absolute;

  top: 0;

  left: 0;

  margin-top: 13px;

  transition: all .3s ease-out;

}

.label-float input:focus + label,

.label-float input:valid + label{

  font-size: 13px;

  margin-top: 0;

  color: #4038a0

}

button{

  background-color: transparent;

  border-color: #272262;

  color: #272262;

  padding: 7px;

  font-weight: bold;

  font-size: 12pt;

  margin-top: 20px;

  border-radius: 4px;

  cursor: pointer;

  outline: none;

  transition: all .4s ease-out;

}

button:hover{

  background-color: #272262;

  color: #fff;

}

.justify-center{

  display: flex;

  justify-content: center;

}

hr{

  margin-top: 10%;

  margin-bottom: 10%;

  width: 60%;

}

p{

  color: #272262;

  font-size: 14pt;

  text-align: center;

}

a{

  color: #7a3077;

  font-weight: bold;

  text-decoration: none;

  transition: all .3s ease-out;

}

a:hover{

  color: #272262;

}

.fa-eye{

  position: absolute;

  top: 15px;

  right: 10px;

  cursor: pointer;

  color: #272262;

}

 #msgError{

  text-align: center;

  color: #ff0000;

  background-color: #ffbbbb;

  padding: 10px;

  border-radius: 4px;

  display: none;

}

b) Signup.css.

@@ -0,0 +1,131 @@

@import url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300;0,400;0,500;0,700;0,900;1,100;1,300;1,400;1,500;1,700;1,900&display=swap');

\* {

  margin: 0;

  padding: 0;

  font-family: 'Roboto', sans-serif;

}

body {

  background-image: url("../images/signup-bg.png");

  background-repeat: no-repeat;

  background-size: cover;

  background-attachment: fixed

}

.container {

  display: flex;

  justify-content: center;

  width: 100%;

  margin-top: 100px;

}

.card {

  background-color: #ffffff80;

  padding: 30px;

  border-radius: 4%;

  box-shadow: 3px 3px 1px 0px #00000060;

  width: 400px;

}

h1{

  text-align: center;

  margin-bottom: 20px;

  color: #0d009c

}

.label-float input{

  width: 100%;

  padding: 5px 5px;

  display: inline-block;

  border: 0;

  border-bottom: 2px solid #0d009c;

  background-color: transparent;

  outline: none;

  min-width: 180px;

  font-size: 16px;

  transition: all .3s ease-out;

  border-radius: 0;

}

.label-float{

  position: relative;

  padding-top: 13px;

  margin-top: 5%;

  margin-bottom: 5%;

}

.label-float input:focus{

  border-bottom: 2px solid #4038a0;

}

.label-float label{

  color: #0d009c;

  pointer-event: none;

  position: absolute;

  top: 0;

  left: 0;

  margin-top: 13px;

  transition: all .3s ease-out;

}

.label-float input:focus + label,

.label-float input:valid + label{

  font-size: 13px;

  margin-top: 0;

  color: #4038a0

}

button{

  background-color: transparent;

  border-color: #0d009c;

  color: #0d009c;

  padding: 7px;

  font-weight: bold;

  font-size: 12pt;

  margin-top: 20px;

  border-radius: 4px;

  cursor: pointer;

  outline: none;

  transition: all .4s ease-out;

}

button:hover{

  background-color: #0d009c;

  color: #fff;

}

.justify-center{

  display: flex;

  justify-content: center;

}

.fa-eye{

  position: absolute;

  top: 15px;

  right: 10px;

  cursor: pointer;

  color: #0d009c;

}

#msgError{

  text-align: center;

  color: #ff0000;

  background-color: #ffbbbb;

  padding: 10px;

  border-radius: 4px;

  display: none;

}

#msgSuccess{

  text-align: center;

  color: #00bb00;

  background-color: #bbffbe;

  padding: 10px;

  border-radius: 4px;

  display: none;

}

1. Signin.HTML

<!DOCTYPE html>

<html lang="pt-br">

</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="htps://stackpath.bootstrapcdn.com/

    font-awesome/4.7.0/css/font-awesome.min.css">

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

    <title><Sign-in></Sign-in></title>

</head>

<body>

    <div class="container">

        <div class="card">

          <h1>Entrar</h1>

          <div id="msgError"></div>

          <div class="label-float">

            <input type="text" id="usuario" paceholder="" required />

            <label id="userLabel" for="usuario">Usuario</label>

          </div>

          <div class="label-float">

            <input type="password" id="senha" paceholder="" required />

            <label id="senhaLabel" for="senha">Senha</label>

            <i class="fa fa-eye" aria-hidden="true"></i>

          </div>

          <div class="justify-center">

            <button onclick="entrar()">Entrar</button>

          </div>

          <div class="justify-center">

            <hr />

          </div>

          <p>

            Não tem uma conta?

            <a href="./html/signup.html">Cadastre-se</a>

              Cadastre-se

            </a>

          </p>

        </div>

      </div>

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

</body>

</html>

B) Signup.HTML.

<!DOCTYPE html>

<html lang="pt-br">

<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="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">

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

    <title>Sign-up</title>

</head>

<body>

    <div class="container">

        <div class="card">

          <h1>Cadastrar</h1>

          <div id="msgError"></div>

          <div id="msgSuccess"></div>

          <div class="label-float">

            <input type="text" id="nome" placeholder=" " required />

            <label id="labelNome" for="nome">Nome</label>

          </div>

          <div class="label-float">

            <input type="text" id="usuario" placeholder=" " required />

            <label id="labelUsuario" for="usuario">Usuário</label>

          </div>

          <div class="label-float">

            <input type="password" id="senha" placeholder=" " required />

            <label id="labelSenha" for="senha">Senha</label>

            <i id="verSenha" class="fa fa-eye" aria-hidden="true"></i>

          </div>

          <div class="label-float">

            <input type="password" id="confirmSenha" placeholder=" " required />

            <label id="labelConfirmSenha" for="confirmSenha"

              >Confirmar Senha</label

            >

            <i id="verConfirmSenha" class="fa fa-eye" aria-hidden="true"></i>

          </div>

          <div class="justify-center">

            <button onclick="cadastrar()">Cadastrar</button>

          </div>

        </div>

      </div>

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

</body>

</html>

1. **Index.js**
2. if (localStorage.getItem("token") == null) {
3. alert("Você precisa estar logadopara acessar essa página");
4. window.location.href = "./assets/html/signin.html";
5. }
6. let userlogado = JSON.parse(localStorage.getItem("userLogado"));
7. let logado = document.querySelector("#logado");
8. logado.innerHTML = "Olá ${userLogado.nome}";
9. function sair() {
10. localStorage.removeItem("token");
11. localStorage.removeItem("userLogado");
12. window.location.href = "../html/signin.html"
13. }
14. **Signin.JS**
15. @@ -0,0 +1,63 @@
16. let btn = document.querySelector('.fa-eye')
17. btn.addEventListener('click', ()=>{
18. let inputSenha = document.querySelector('#senha')
20. if(inputSenha.getAttribute('type') == 'password'){
21. inputSenha.setAttribute('type', 'text')
22. } else {
23. inputSenha.setAttribute('type', 'password')
24. }
25. })
26. function entrar(){
27. let usuario = document.querySelector('#usuario')
28. let userLabel = document.querySelector('#userLabel')
30. let senha = document.querySelector('#senha')
31. let senhaLabel = document.querySelector('#senhaLabel')
33. let msgError = document.querySelector('#msgError')
34. let listaUser = []
36. let userValid = {
37. nome: null,
38. user: null,
39. senha: null
40. }
42. listaUser = JSON.parse(localStorage.getItem('listaUser'))
44. listaUser.forEach((item) => {
45. if(usuario.value == item.userCad && senha.value == item.senhaCad){
47. userValid = {
48. nome: item.nomeCad,
49. user: item.userCad,
50. senha: item.senhaCad
51. }
53. }
54. })
56. if(usuario.value == userValid.user && senha.value == userValid.senha){
57. window.location.href = '../../index.html'
59. let mathRandom = Math.random().toString(16).substr(2)
60. let token = mathRandom + mathRandom
62. localStorage.setItem('token', token)
63. localStorage.setItem('userLogado', JSON.stringify(userValid))
64. } else {
65. userLabel.setAttribute('style', 'color: red')
66. usuario.setAttribute('style', 'border-color: red')
67. senhaLabel.setAttribute('style', 'color: red')
68. senha.setAttribute('style', 'border-color: red')
69. msgError.setAttribute('style', 'display: block')
70. msgError.innerHTML = 'Usuário ou senha incorretos'
71. usuario.focus()
72. }
74. }

**c) Signup.JS**

**@@ -0,0 +1,136 @@**

**let btn = document.querySelector('#verSenha')**

**let btnConfirm = document.querySelector('#verConfirmSenha')**

**let nome = document.querySelector('#nome')**

**let labelNome = document.querySelector('#labelNome')**

**let validNome = false**

**let usuario = document.querySelector('#usuario')**

**let labelUsuario = document.querySelector('#labelUsuario')**

**let validUsuario = false**

**let senha = document.querySelector('#senha')**

**let labelSenha = document.querySelector('#labelSenha')**

**let validSenha = false**

**let confirmSenha = document.querySelector('#confirmSenha')**

**let labelConfirmSenha = document.querySelector('#labelConfirmSenha')**

**let validConfirmSenha = false**

**let msgError = document.querySelector('#msgError')**

**let msgSuccess = document.querySelector('#msgSuccess')**

**nome.addEventListener('keyup', () => {**

**if(nome.value.length <= 2){**

**labelNome.setAttribute('style', 'color: red')**

**labelNome.innerHTML = 'Nome \*Insira no minimo 3 caracteres'**

**nome.setAttribute('style', 'border-color: red')**

**validNome = false**

**} else {**

**labelNome.setAttribute('style', 'color: green')**

**labelNome.innerHTML = 'Nome'**

**nome.setAttribute('style', 'border-color: green')**

**validNome = true**

**}**

**})**

**usuario.addEventListener('keyup', () => {**

**if(usuario.value.length <= 4){**

**labelUsuario.setAttribute('style', 'color: red')**

**labelUsuario.innerHTML = 'Usuário \*Insira no minimo 5 caracteres'**

**usuario.setAttribute('style', 'border-color: red')**

**validUsuario = false**

**} else {**

**labelUsuario.setAttribute('style', 'color: green')**

**labelUsuario.innerHTML = 'Usuário'**

**usuario.setAttribute('style', 'border-color: green')**

**validUsuario = true**

**}**

**})**

**senha.addEventListener('keyup', () => {**

**if(senha.value.length <= 5){**

**labelSenha.setAttribute('style', 'color: red')**

**labelSenha.innerHTML = 'Senha \*Insira no minimo 6 caracteres'**

**senha.setAttribute('style', 'border-color: red')**

**validSenha = false**

**} else {**

**labelSenha.setAttribute('style', 'color: green')**

**labelSenha.innerHTML = 'Senha'**

**senha.setAttribute('style', 'border-color: green')**

**validSenha = true**

**}**

**})**

**confirmSenha.addEventListener('keyup', () => {**

**if(senha.value != confirmSenha.value){**

**labelConfirmSenha.setAttribute('style', 'color: red')**

**labelConfirmSenha.innerHTML = 'Confirmar Senha \*As senhas não conferem'**

**confirmSenha.setAttribute('style', 'border-color: red')**

**validConfirmSenha = false**

**} else {**

**labelConfirmSenha.setAttribute('style', 'color: green')**

**labelConfirmSenha.innerHTML = 'Confirmar Senha'**

**confirmSenha.setAttribute('style', 'border-color: green')**

**validConfirmSenha = true**

**}**

**})**

**function cadastrar(){**

**if(validNome && validUsuario && validSenha && validConfirmSenha){**

**let listaUser = JSON.parse(localStorage.getItem('listaUser') || '[]')**

**listaUser.push(**

**{**

**nomeCad: nome.value,**

**userCad: usuario.value,**

**senhaCad: senha.value**

**}**

**)**

**localStorage.setItem('listaUser', JSON.stringify(listaUser))**

**msgSuccess.setAttribute('style', 'display: block')**

**msgSuccess.innerHTML = '<strong>Cadastrando usuário...</strong>'**

**msgError.setAttribute('style', 'display: none')**

**msgError.innerHTML = ''**

**setTimeout(()=>{**

**window.location.href = './signin.html'**

**}, 2000)**

**} else {**

**msgError.setAttribute('style', 'display: block')**

**msgError.innerHTML = '<strong>Preencha todos os campos corretamente antes de cadastrar</strong>'**

**msgSuccess.innerHTML = ''**

**msgSuccess.setAttribute('style', 'display: none')**

**}**

**}**

**btn.addEventListener('click', ()=>{**

**let inputSenha = document.querySelector('#senha')**

**if(inputSenha.getAttribute('type') == 'password'){**

**inputSenha.setAttribute('type', 'text')**

**} else {**

**inputSenha.setAttribute('type', 'password')**

**}**

**})**

**btnConfirm.addEventListener('click', ()=>{**

**let inputConfirmSenha = document.querySelector('#confirmSenha')**

**if(inputConfirmSenha.getAttribute('type') == 'password'){**

**inputConfirmSenha.setAttribute('type', 'text')**

**} else {**

**inputConfirmSenha.setAttribute('type', 'password')**

**}**

**})**