**Develop a web page for creating an online bank account with Login, Registration form, and Dashboard with**

**drop-down menus. Perform validation on the form elements data such as entering valid data for required**

**fields or not. base.html**

<!DOCTYPE html>

<html>

<head>

<title>Login and Signup</title>

<link rel="stylesheet" type="text/css" href="styles.css">

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

</head>

<body>

<div class="toggle">

<div>

<input type="radio" name="login-signup" id="login" checked>

<input type="radio" name="login-signup" id="signup">

<label for="login" class="toggle-label toggle-login">Login</label>

<label for="signup" class="toggle-label toggle-signup">Sign Up</label>

<div class="login-form">

<h2>Login</h2>

<form>

<input type="email" placeholder="Email ID" id="emailInput" required>

<input type="password" placeholder="Password" id="passwordInput" required>

<button onclick="validateLoginForm()">Log In</button>

</form>

</div>

<div class="signup-form">

<h2>Sign Up</h2>

<form>

<input type="text" placeholder="Name" required>

<input type="number" placeholder="Age" required>

<input type="email" placeholder="Email ID" required>

<input type="password" placeholder="Password" required>

<input type="password" placeholder="Recheck Password" required>

<button onclick="validateSignupForm()">Sign Up</button>

</form>

</div>

</div>

</div>

</body>

</html>

styles.css

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background: linear-gradient(135deg, #3494E6, #EC6EAD);

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.container {

background: #6c6767;

border-radius: 10px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

width: 400px;

overflow: hidden;

text-align: left;

}

.toggle {

background: #f2f2f2;

border-radius: 0px 30px 0px 30px;

display: flex;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

}

input[type="radio"] {

display: none;

}

.toggle-label {

cursor: pointer;

padding: 20px;

flex: 1;

background-color: #ffffff;

transition: background-color 0.3s ease;

text-align: center;

}

#login:checked + .toggle-label.toggle-login,

#signup:checked + .toggle-label.toggle-signup {

background: #3494E6;

color: #fff;

}

.toggle-login,

.toggle-signup {

cursor: pointer;

padding: 15px;

border-radius: 0px 20px 0px 20px;

flex: 1;

background: #ffffff;

transition: background 0.3s ease;

text-align: center;

box-shadow: 0px 0px 5px #686666;

}

.toggle-login{

margin-left: -20px;

}

#login:checked + .toggle-login,

#signup:checked + .toggle-signup {

background: #3494E6;

color: #fff;

}

.login-form,

.signup-form {

padding: 20px;

text-align: left;

display: none;

}

#login:checked ~ .login-form,

#signup:checked ~ .signup-form {

display: block;

}

.login-form input,

.signup-form input {

width: 200px;

display: block;

padding: 15px;

margin: 0px 40px 20px;

border: none;

border-bottom: 2px solid #6d6d6d88;

border-radius: 20px 0px 20px 0px;

background-color: transparent;

box-shadow: 0px 0px 5px #6c67671e;

}

.login-form input:focus,

.signup-form input:focus

{

outline: none;

background: linear-gradient(45deg, #f7f7f7, #bab8b882);

}

.login-form input::placeholder,

.signup-form input::placeholder

{

font-size: 15px;

color: #686666;

}

button {

margin: 10px 0;

padding: 10px;

background: #3494E6;

color: #fff;

border: none;

border-radius: 5px;

font-size: 16px;

cursor: pointer;

display: block;

}

validation.js

function validateLoginForm() {

const emailInput = document.getElementById("emailInput").value;

const passwordInput = document.getElementById("passwordInput").value;

if (emailInput.endsWith("@gmail.com") && /^[a-zA-Z0-9]+$/.test(passwordInput)) {

alert("Logging in...")

window.location.href = "./dashboard.html";

event.preventDefault();

return true;

} else {

alert("Invalid email or password. Please check your input.");

}

}

function validateSignupForm() {

const nameInput = document.getElementById("nameInput").value;

const ageInput = parseInt(document.getElementById("ageInput").value);

const emailInput = document.getElementById("emailInput").value;

const passwordInput = document.getElementById("passwordInput").value;

const recheckPasswordInput = document.getElementById("recheckPasswordInput").value;

if (

nameInput.trim() !== "" &&

ageInput >= 18 &&

emailInput.endsWith("@gmail.com") &&

/^[a-zA-Z0-9]+$/.test(passwordInput) &&

passwordInput === recheckPasswordInput

) {

alert("Signing in...")

window.location.href = "./dashboard.html";

event.preventDefault();

return true;

} else {

alert("Invalid input. Please check your information.");

}

}

dashboard.html

<!DOCTYPE html>

<html>

<head>

<title>Online Bank</title>

<link rel="stylesheet" type="text/css" href="design.css" />

<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

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

</head>

<body>

<header>

<h1>Welcome to Online Bank</h1>

<nav>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">Accounts</a></li>

<li><a href="#">Transactions</a></li>

<li><a href="#">Services</a></li>

<li><a href="#">Contact</a></li>

</ul>

</nav>

</header>

<div id="maincontainer">

<main>

<section class="transactions">

<section class="account-summary">

<h2>Account Summary</h2>

<p>Select an account:</p>

<select id="accountDropdown">

<option value="account1">Account 1</option>

<option value="account2">Account 2</option>

<option value="account3">Account 3</option>

</select>

<div id="accountDetails">

</div>

</section>

<h2>Recent Transactions</h2>

<p>Select a time period:</p>

<select id="timePeriodDropdown">

<option value="last7days">Last 7 days</option>

<option value="last30days">Last 30 days</option>

<option value="last90days">Last 90 days</option>

</select>

<div id="graphContainer" style="width: 500px; height: 250px">

<canvas id="transactionChart"></canvas>

</div>

</section>

<div class="user-profile">

<div class="profile-photo">

<img src="profile.jpg" alt="User Profile Photo" />

</div>

<div class="user-info">

<h3>Name: Robert John Downey Jr.</h3>

<p>Email ID: rdj@gmail.com</p>

<p>Date of Birth: 04/04/1965</p>

</div>

<div class="account-balance">

<h3>Account Balance</h3>

<p class="balance">$1,000,000.00</p>

</div>

</div>

</main>

</div>

<footer>

<p>&copy; 2023 Online Bank</p>

</footer>

</body>

</html>

design.css

html, body, h1, h2, p {

margin: 0;

padding: 0;

}

body {

font-family: Arial, sans-serif;

background-color: #f2f2f2;

color: #333;

}

header

{

background-color: #003366;

color: #fff;

text-align: center;

padding: 5px;

}

header h1 {

font-size: 36px;

margin: 10px 0;

}

nav ul {

list-style: none;

}

nav ul li {

display: inline;

margin: 0 10px;

}

nav ul li a {

text-decoration: none;

color: #fff;

font-weight: bold;

font-size: 18px;

}

main {

display: flex;

justify-content: center;

align-items: center;

width: 80%;

margin: 20px auto;

background-color: #fff;

padding: 20px;

border-radius: 5px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

}

h2 {

font-size: 24px;

margin: 20px 0;

}

select {

padding: 10px;

font-size: 16px;

}

footer {

text-align: center;

background-color: #003366;

color: #fff;

padding: 10px 0;

}

.user-profile {

background: #f2f2f2;

border: 1px solid #ddd;

border-radius: 10px;

padding: 20px;

text-align: center;

width: 300px;

margin-left: 20px;

display: flex;

flex-direction: column;

align-items: center;

}

.profile-photo img {

width: 100px;

height: 100px;

border-radius: 50%;

margin-bottom: 10px;

}

.user-info {

text-align: left;

margin: 10px 0;

}

.user-info h3,p {

font-weight: bold;

margin: 0;

}

.account-balance {

text-align: center;

margin-top: 20px;

}

.account-balance h3 {

font-weight: bold;

margin: 0;

}

.balance {

font-size: 24px;

font-weight: bold;

color: #3494E6;

graph.js

document.addEventListener("DOMContentLoaded", function () {

var ctx = document.getElementById("transactionChart").getContext("2d");

var data = {

labels: ["mon","tues","wed","thurs","fri","sat","sun"],

datasets: [

{

label: "Transaction History",

borderColor: "rgba(75, 192, 192, 1)",

data: [12000, 19000, 3000, 5000, 2000, 3000,10000],

},

],

};

var myChart = new Chart(ctx, {

type: "line",

data: data,

options: {

scales: {

y: {

beginAtZero: true,

},

},

},

});

});

OUTPUT :

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated