Register.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Bank Registration</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

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

   <style>

        body {

            background-color: #f8f9fa;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

        }

        .registration-container {

            background-color: #ecf0f1;

            padding: 30px;

            border-radius: 20px;

            box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

            text-align: center;

            width: 350px;

        }

        .registration-container img {

            width: 100px;

            margin-bottom: 20px;

        }

        .registration-container h2 {

            margin-bottom: 30px;

            font-weight: 600;

            color: #2c3e50;

        }

        .form-control {

            border-radius: 20px;

            padding: 10px 20px;

            margin-bottom: 15px;

            border: 1px solid #ccc;

        }

        .btn-primary {

            background-color: #3498db;

            border-color: #3498db;

            border-radius: 20px;

            padding: 10px 0;

            font-size: 16px;

            width: 100%;

            margin-bottom: 10px;

        }

        .btn-primary:hover {

            background-color: #2980b9;

            border-color: #2980b9;

        }

        .signin-link {

            display: block;

            margin-top: 10px;

            font-size: 14px;

            color: #7f8c8d;

        }

    </style>

</head>

<body>

<div class="registration-container">

    <img src="./download-removebg-preview.png" alt="Bank Logo">

    <h2>My Bank</h2>

    <form id="myform" action="./login.html">

        <input type="text" id="username" class="form-control" placeholder="Username" autocomplete="off">

        <input type="text" id="acno" class="form-control" placeholder="Account number" autocomplete="off">

        <input type="password" id="password" class="form-control" placeholder="Password" autocomplete="off">

        <button type="submit" class="btn btn-primary" onclick="Registration(event)">Register</button>

        <a href="./login.html" class="signin-link">Sign in</a>

    </form>

</div>

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

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

Register.js

function Registration(event) {

    event.preventDefault();

    const username = document.getElementById("username").value.trim();

    const acno = document.getElementById("acno").value.trim();

    const password = document.getElementById("password").value.trim();

    const userDetails = {

        username: username,

        acno: acno,

        password: password

    };

    if (username === '' || acno === '' || password === '') {

        alert("Please enter all details");

        return;

    }

    if (localStorage.getItem(username)) {

        alert("User ID already exists");

    } else {

        localStorage.setItem(username, JSON.stringify(userDetails));

        alert("User details added successfully");

    }

    document.getElementById("myform").reset();

}

Login.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Bank Login</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

    <style>

        body {

            background-color: #f8f9fa;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

        }

        .login-container {

            background-color: #ecf0f1;

            padding: 30px;

            border-radius: 20px;

            box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

            text-align: center;

            width: 350px;

        }

        .login-container img {

            width: 100px;

            margin-bottom: 20px;

        }

        .login-container h2 {

            margin-bottom: 30px;

            font-weight: 600;

            color: #2c3e50;

        }

        .form-control {

            border-radius: 20px;

            padding: 10px 20px;

            margin-bottom: 15px;

            border: 1px solid #ccc;

        }

        .btn-primary {

            background-color: #3498db;

            border-color: #3498db;

            border-radius: 20px;

            padding: 10px 0;

            font-size: 16px;

            width: 100%;

            margin-bottom: 10px;

        }

        .btn-primary:hover {

            background-color: #2980b9;

            border-color: #2980b9;

        }

        .login-options {

            font-size: 14px;

            color: #7f8c8d;

        }

        .login-options a {

            color: #2980b9;

            text-decoration: none;

            font-weight: 500;

        }

        .login-options a:hover {

            text-decoration: underline;

        }

    </style>

</head>

<body>

<div class="login-container">

    <img src="./download-removebg-preview.png" alt="Bank Logo">

    <h2>My Bank</h2>

    <form id="loginForm" action="./transaction.html">

        <input type="text" class="form-control" id="acno" placeholder="Account number">

        <input type="password" class="form-control" id="password" placeholder="Password">

        <button type="submit" class="btn btn-primary" onclick="retrieveData(event)">Login</button>

        <div id="result" class="m-1 p-1"></div>

        <div class="login-options">

            <a href="#">Forgot password?</a> OR <a href="./register.html">Sign up</a>

        </div>

    </form>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

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

</body>

</html>

Login.js

function retrieveData(event) {

    event.preventDefault();

    const acno = document.getElementById("acno").value.trim();

    const password = document.getElementById("password").value.trim();

    // Retrieve the stored user details using the account number

    const storedUserDetails = localStorage.getItem(acno);

    if (storedUserDetails !== null) {

        // Parse the stored user details

        const userDetails1 = JSON.parse(storedUserDetails);

        // Check if the entered password matches the stored password

        if (password === userDetails1.password) {

            alert("Login successful!");

        } else {

            alert("Incorrect password");

        }

    } else {

        alert("Account number not found");

    }

    // Reset the form after processing

    document.getElementById("loginForm").reset();

}

Transaction.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Online Banking Services</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

    <style>

        body {

            background-color: #f8f9fa;

        }

        .navbar {

            background-color: #007bff;

        }

        .navbar a {

            color: white;

            font-weight: 500;

        }

        .form-container {

            background-color: rgba(255, 255, 255, 0.9);

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);

        }

        .form-container h4 {

            margin-bottom: 15px;

            font-weight: 600;

        }

        .form-container .form-control {

            margin-bottom: 15px;

            border-radius: 20px;

        }

        .form-container .btn-primary {

            background-color: #007bff;

            border-color: #007bff;

            border-radius: 20px;

            width: 100%;

        }

    </style>

</head>

<body>

<nav class="navbar navbar-expand-lg">

    <div class="container-fluid">

        <a class="navbar-brand" href="#">Home</a>

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="navbarNav">

            <ul class="navbar-nav">

                <li class="nav-item">

                    <a class="nav-link active" aria-current="page" href="#">Features</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="#">Pricing</a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="#">About</a>

                </li>

            </ul>

        </div>

    </div>

</nav>

<div class="header">

    <div class="container">

        <h1>Welcome User</h1>

        <h3>Online Banking Services</h3>

        <div class="row mt-5">

            <div class="col-md-6">

                <div class="form-container">

                    <h4>Deposit</h4>

                    <form id="depositForm">

                        <input type="text" id="depositAmnt" class="form-control" placeholder="Enter Your Amount">

                        <input type="password" id="depositPassword" class="form-control" placeholder="Enter Your Password">

                        <button type="button" class="btn btn-primary" onclick="deposit()">Deposit</button>

                    </form>

                </div>

            </div>

            <div class="col-md-6">

                <div class="form-container">

                    <h4>Withdraw</h4>

                    <form id="withdrawForm">

                        <input type="text" id="withdrawAmnt" class="form-control" placeholder="Enter Your Amount">

                        <input type="password" id="withdrawPassword" class="form-control" placeholder="Enter Your Password">

                        <button type="button" class="btn btn-primary" onclick="withdraw()">Withdraw</button>

                    </form>

                </div>

            </div>

        </div>

    </div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

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

</body>

</html>

Transaction.js

// Function to check if the user is logged in

function isLoggedIn() {

    const loggedInUser = localStorage.getItem("loggedInUser");

    return loggedInUser !== null;

}

// Deposit function

function deposit() {

    if (!isLoggedIn()) {

        alert("Please log in to deposit money.");

        return;

    }

    const amntInput = document.getElementById("depositAmnt").value.trim();

    const password = document.getElementById("depositPassword").value.trim();

    // Check if the password is entered

    if (!password) {

        alert('Please enter your password.');

        return;

    }

    // Check if the amount contains only valid numeric input

    if (!/^\d+(\.\d{1,2})?$/.test(amntInput)) {

        alert('Please enter a valid numeric deposit amount.');

        return;

    }

    const amnt = parseFloat(amntInput); // Convert amount to a number

    // Check if the amount is greater than 0

    if (amnt <= 0) {

        alert('Please enter a valid deposit amount greater than 0.');

        return;

    }

    const loggedInUser = localStorage.getItem("loggedInUser");

    const userDetails = JSON.parse(localStorage.getItem(loggedInUser));

    // Check if the provided password matches the logged-in user's password

    if (password === userDetails.password) {

        let currentBalance = parseFloat(userDetails.balance) || 0;

        currentBalance += amnt;

        userDetails.balance = currentBalance;

        localStorage.setItem(loggedInUser, JSON.stringify(userDetails));

        alert('Amount added successfully. New Balance: ' + currentBalance);

    } else {

        alert("Incorrect password");

    }

    document.getElementById("depositForm").reset();

}

// Withdraw function

function withdraw() {

    if (!isLoggedIn()) {

        alert("Please log in to withdraw money.");

        return;

    }

    const amntInput = document.getElementById("withdrawAmnt").value.trim();

    const password = document.getElementById("withdrawPassword").value.trim();

    if (!password) {

        alert('Please enter your password.');

        return;

    }

    if (!/^\d+(\.\d{1,2})?$/.test(amntInput)) {

        alert('Please enter a valid numeric withdrawal amount.');

        return;

    }

    const amnt = parseFloat(amntInput);

    if (amnt <= 0) {

        alert('Please enter a valid withdrawal amount greater than 0.');

        return;

    }

    const loggedInUser = localStorage.getItem("loggedInUser");

    const userDetails = JSON.parse(localStorage.getItem(loggedInUser));

    if (password === userDetails.password) {

        let currentBalance = parseFloat(userDetails.balance) || 0;

        if (amnt > currentBalance) {

            alert('Insufficient balance for this withdrawal.');

            return;

        }

        currentBalance -= amnt;

        userDetails.balance = currentBalance;

        localStorage.setItem(loggedInUser, JSON.stringify(userDetails));

        alert('Withdrawal successful. Remaining Balance: ' + currentBalance);

    } else {

        alert("Incorrect password");

    }

    document.getElementById("withdrawForm").reset();

}

Style.css

\*{

    margin: 0px;

    padding: 0px;

}

.nav-item i {

    font-size: 1.2rem; /\* Adjust icon size \*/

}

.nav-item a {

    font-size: 1rem; /\* Adjust link text size \*/

    text-decoration: none; /\* Remove underline from links \*/

}

.me-2 {

    margin-right: 0.5rem; /\* Space between icon and text \*/

}

.nav-link {

    color: #007bff; /\* Use the primary color \*/

    font-weight: normal; /\* Adjust font weight \*/

    font-style: normal; /\* Adjust font style \*/

    display: inline-block; /\* Ensure proper spacing \*/

    padding: 0.25rem 0; /\* Adjust padding \*/

}

.nav-link:hover {

    color: #0056b3; /\* Slightly darker color on hover \*/

}

#col1{

    position: absolute;

    top: 35%;

    left: 5%;

    font-family: "Lato", sans-serif;

    font-size: larger;

}

.text-justify {

    text-align: justify; /\* Justify text to align both left and right \*/

}

#col2{

    position: absolute;

    top: 15%;

    left: 55%;

}

#col3{

    position: absolute;

    top: 85%;

    left: 10%;

}

#col4{

    position: absolute;

    top: 90%;

    left:45%;

    font-family: "Lato", sans-serif;

    font-size: larger;

}

#foot{

    position: absolute;

    top: 130%;

    background-color: rgb(241, 241, 241);

}

#row1{

position: absolute;

top:0%;

}