Aadhar Card

<!-- Design a web application for online aadhar updation

portal

1 The home page of application should have login for user

along with validation

2 Once user is logged in, redirect the user to the functionalities

provided by portal (Update Name, address etc

3 Once the user submits the update, display the updated

details on web page) -->

<!DOCTYPE html>

<html>

<head>

<title>Aadhaar Update Portal</title>

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

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

</head>

<body>

<form onsubmit="return validateForm();">

<div class="container">

<h1>Aadhaar Update Portal</h1>

<div id="login-form">

<h2>Login</h2>

<label for ="Name"> Name:</label>

<input type="text" id="name" placeholder="name">

<div id="nameError"></div><br>

<label for="email">Email:</label>

<input type="email" id="email" placeholder="Email">

<div id="emailError" class="error"></div><br>

<label for="password">Password:</label>

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

<div id="passwordError" class="error"></div><br>

<button type="submit">Login</button>

<div id="bhere"> </div>

</div>

</div>

</form>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

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

<title>Another Page</title>

</head>

<body>

<div class="container">

<div id="headbar"> </div>

<label for="Aadhaar"> Aadhaar Number:</label>

<input type="text" id="aadhar">

<div id="aadharerr"></div><br>

<label for="Name"> Name:</label>

<input type="text" id="name">

<div id="nameerr"></div><br>

<label for="password"> Password:</label>

<input type="password" id="pass">

<div id="passerr"></div><br>

<div id ="update"> </div>

<button type="button" onclick="Validate()">Update</button>

</div>

<script>

function getQueryParam(name) {

const urlParams = new URLSearchParams(window.location.search);

return urlParams.get(name);

}

const name = getQueryParam('name');

const password = getQueryParam('password');

console.log('Name:', name);

console.log('Password:', password);

let head = document.getElementById("headbar");

head.innerHTML = <p>Welcome ${name}</p>;

function isAadharValid(A){

return true;

}

function Validate(){

let aa=document.getElementById("aadhar").value;

let n = document.getElementById("name").value;

if(!isAadharValid(aa)){

let err = document.getElementById("aadharerr");

err.innerHTML = <p> incorrect aadhar number <p>;

return false;

}

else{

let update = document.getElementById("update");

update.innerHTML = <p> name updated from ${name} to ${n}<p>;

head.innerHTML = <p>Welcome ${n}</p>;

}

}

</script>

</body>

</html>

Angular

function isValidName(name) {

let regex = /^[A-Za-z]+$/;

return regex.test(name);

}

function isValidPassword(pwd){

let reg = /^[0-9]{10}$/;

return reg.test(pwd);

}

function validateForm(){

let p = document.getElementById("password").value;

let name = document.getElementById("name").value;

if(!isValidName(name)){

let NER= document.getElementById("nameError");

NER.innerHTML=<p> Name is not valid <p>;

return false;

}

else if(!isValidPassword(p)){

let PWR = document.getElementById("passwordError");

PWR.innerHTML=<p> Password is not valid;

return false;

}

else{

let encodedName = encodeURIComponent(name);

let encodedPassword = encodeURIComponent(p);

let url = anotherPage.html?name=${encodedName}&password=${encodedPassword};

window.location.href = url;

return false;

    }

}

.container {

width: 500px;

margin: 50px auto;

padding: 20px;

border: 1px solid #ccc;

}

input[type="text"], input[type="email"], input[type="password"], input[type="tel"] {

width: 100%;

padding: 10px;

margin-bottom: 10px;

border: 1px solid #ccc;

}

.error {

color: red;

display: inline-block;

margin-left: 5px;

  }

create a css and html for library system which should contain a login page where the usernameand password should be admin and abc123 respectively and demonstrate all the steps

Html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Library System Login</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="login-container">

<h2>Library System Login</h2>

<form id="login-form">

<div class="form-group">

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

</div>

<div class="form-group">

<label for="password">Password:</label>

<input type="password" id="password" name="password" required>

</div>

<button type="submit">Login</button>

</form>

</div>

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

</body>

</html>

CSS

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 0;

}

.login-container {

background-color: #fff;

max-width: 400px;

margin: 100px auto;

padding: 20px;

border-radius: 8px;

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

}

h2 {

text-align: center;

margin-bottom: 20px;

}

.form-group {

margin-bottom: 20px;

}

label {

display: block;

margin-bottom: 5px;

}

input[type="text"],

input[type="password"] {

width: 100%;

padding: 10px;

border: 1px solid #ccc;

border-radius: 4px;

}

button {

display: block;

width: 100%;

padding: 10px;

background-color: #007bff;

color: #fff;

border: none;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background-color: #0056b3;

}

Javascript

document.getElementById('login-form').addEventListener('submit', function(event) {

event.preventDefault();

var username = document.getElementById('username').value;

var password = document.getElementById('password').value;

if (username === 'admin' && password === 'abc123') {

alert('Login successful!');

// Redirect to the dashboard or home page

} else {

alert('Invalid username or password. Please try again.');

}

});

replace the alert with redirection welcome page and display welocme message as "welocme to library system" next header should be "lets eplore more!"

Html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Welcome to Library System</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="welcome-container">

<h2>Welcome to Library System</h2>

<h3>Let's explore more!</h3>

</div>

</body>

</html>

Javascript

document.getElementById('login-form').addEventListener('submit', function(event) {

event.preventDefault();

var username = document.getElementById('username').value;

var password = document.getElementById('password').value;

if (username === 'admin' && password === 'abc123') {

// Redirect to the welcome page

window.location.href = 'welcome.html';

} else {

alert('Invalid username or password. Please try again.');

}

});

Step by Step Coding

Html:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Library System Login</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="login-container">

<h2>Library System Login</h2>

<form id="login-form">

<div class="form-group">

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

</div>

<div class="form-group">

<label for="password">Password:</label>

<input type="password" id="password" name="password" required>

</div>

<button type="submit">Login</button>

</form>

</div>

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

</body>

</html>

CSS:

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 0;

}

.login-container {

background-color: #fff;

max-width: 400px;

margin: 100px auto;

padding: 20px;

border-radius: 8px;

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

}

h2 {

text-align: center;

margin-bottom: 20px;

}

.form-group {

margin-bottom: 20px;

}

label {

display: block;

margin-bottom: 5px;

}

input[type="text"],

input[type="password"] {

width: 100%;

padding: 10px;

border: 1px solid #ccc;

border-radius: 4px;

}

button {

display: block;

width: 100%;

padding: 10px;

background-color: #007bff;

color: #fff;

border: none;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background-color: #0056b3;

}

Javascript:

document.getElementById('login-form').addEventListener('submit', function(event) {

event.preventDefault();

var username = document.getElementById('username').value;

var password = document.getElementById('password').value;

if (username === 'admin' && password === 'abc123') {

window.location.href = 'welcome.html';

} else {

alert('Invalid username or password. Please try again.');

}

});

**Step 4: Create Welcome Page**

Create a new HTML file named **welcome.html** for the welcome page. Add the welcome message and explore header to this page.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Welcome to Library System</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="welcome-container">

<h2>Welcome to Library System</h2>

<h3>Let's explore more!</h3>

</div>

</body>

</html>

Javascript:

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

// Function to handle book selection

function handleBookSelection(bookTitle) {

var confirmation = confirm('Do you want to issue "' + bookTitle + '"?');

if (confirmation) {

alert('You have issued "' + bookTitle + '".');

// Here you can add logic to update the database or perform other actions

}

}

// Add event listeners to book items

var bookItems = document.querySelectorAll('.books-list li');

bookItems.forEach(function(item) {

item.addEventListener('click', function() {

var selectedBook = this.textContent;

handleBookSelection(selectedBook);

});

});

});