**LOGIN AND REGISTRATION FORM**

**AIM:**

To create a login and registration form the project Elite Planners.

**ALGORITHM:**

**Login:**

**STEP 1:** Collect Username and Password.

**STEP 2:** Validate fields are not empty.

**STEP 3:** If valid, check credentials and redirect to homepage.

**STEP 4:** If invalid, show error message.

**Sign Up:**

**STEP 1:** Collect Full Name, Email, Username, and Password.

**STEP 2:** Validate fields (email format, password length).

**STEP 3:** On success, redirect to login page.

**Registration:**

**STEP 1:** Collect Name, Age, Role, Gender, Phone, State, and City.

**STEP 2:** Update City based on selected State.

**STEP 3:** Validate all required fields.

**STEP 4:** Submit form on successful validation.

**Success:**

**STEP 1:** Show "Registration Successful" message after form submission.

**SOURCE CODE :**

**LOGIN PAGE:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>ElitePlanners App - Login</title>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

font-family: 'Roboto', Arial, sans-serif;

}

body {

background: #f5f7fa;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

padding: 20px;

}

.login-container {

background: #ffffff;

border-radius: 12px;

box-shadow: 0 8px 20px rgba(0, 0, 0, 0.1);

padding: 40px;

width: 100%;

max-width: 400px;

}

.login-container h2 {

font-size: 1.8rem;

margin-bottom: 20px;

text-align: center;

color: #333333;

}

.form-group {

margin-bottom: 25px;

}

label {

display: block;

font-weight: 600;

margin-bottom: 8px;

color: #555555;

}

input {

width: 100%;

padding: 12px;

border: 1px solid #d1d5db;

border-radius: 8px;

font-size: 14px;

color: #333333;

transition: border-color 0.3s;

}

input:focus {

border-color: #4CAF50;

outline: none;

box-shadow: 0 0 4px rgba(76, 175, 80, 0.3);

}

.form-group .error-message {

color: #e74c3c;

font-size: 13px;

margin-top: 5px;

display: none;

}

button {

width: 100%;

padding: 12px;

font-size: 16px;

color: #ffffff;

background-color: #4CAF50;

border: none;

border-radius: 8px;

font-weight: bold;

cursor: pointer;

transition: background-color 0.3s, transform 0.2s;

}

button:hover {

background-color: #45A049;

transform: translateY(-2px);

}

button:active {

transform: translateY(0);

}

.extra-options {

margin-top: 15px;

font-size: 14px;

text-align: center;

}

.extra-options a {

color: #4CAF50;

text-decoration: none;

font-weight: 600;

transition: color 0.3s;

}

.extra-options a:hover {

color: #388E3C;

}

</style>

</head>

<body>

<div class="login-container">

<h2>Welcome to ElitePlanners</h2>

<form id="loginForm">

<div class="form-group">

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

<input type="text" id="username" name="username" placeholder="Enter your username" required>

<div class="error-message" id="usernameError">Please enter a valid username.</div>

</div>

<div class="form-group">

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

<input type="password" id="password" name="password" placeholder="Enter your password" required>

<div class="error-message" id="passwordError">Password cannot be empty.</div>

</div>

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

<div class="extra-options">

<p>Don't have an account? <a href="sign\_up\_form.html">Sign Up</a></p>

</div>

</form>

</div>

<script>

const loginForm = document.getElementById('loginForm');

const usernameInput = document.getElementById('username');

const passwordInput = document.getElementById('password');

const usernameError = document.getElementById('usernameError');

const passwordError = document.getElementById('passwordError');

loginForm.addEventListener('submit', (e) => {

let isValid = true;

if (!usernameInput.value.trim()) {

usernameError.style.display = 'block';

isValid = false;

} else {

usernameError.style.display = 'none';

}

if (!passwordInput.value.trim()) {

passwordError.style.display = 'block';

isValid = false;

} else {

passwordError.style.display = 'none';

}

if (!isValid) {

e.preventDefault();

}

});

</script>

</body>

</html>

**SIGN UP PAGE:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>ElitePlanners App - Sign Up</title>

<style>

/\* General Reset \*/

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

font-family: 'Roboto', Arial, sans-serif;

}

body {

background: #f5f7fa;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

padding: 20px;

}

.signup-container {

background: #ffffff;

border-radius: 12px;

box-shadow: 0 8px 20px rgba(0, 0, 0, 0.1);

padding: 40px;

width: 100%;

max-width: 400px;

}

.signup-container h2 {

font-size: 1.8rem;

margin-bottom: 20px;

text-align: center;

color: #333333;

}

.form-group {

margin-bottom: 20px;

}

label {

display: block;

font-weight: 600;

margin-bottom: 8px;

color: #555555;

}

input {

width: 100%;

padding: 12px;

border: 1px solid #d1d5db;

border-radius: 8px;

font-size: 14px;

color: #333333;

transition: border-color 0.3s;

}

input:focus {

border-color: #4CAF50;

outline: none;

box-shadow: 0 0 4px rgba(76, 175, 80, 0.3);

}

.form-group .error-message {

color: #e74c3c;

font-size: 13px;

margin-top: 5px;

display: none;

}

button {

width: 100%;

padding: 12px;

font-size: 16px;

color: #ffffff;

background-color: #4CAF50;

border: none;

border-radius: 8px;

font-weight: bold;

cursor: pointer;

transition: background-color 0.3s, transform 0.2s;

}

button:hover {

background-color: #45A049;

transform: translateY(-2px);

}

button:active {

transform: translateY(0);

}

.extra-options {

margin-top: 15px;

font-size: 14px;

text-align: center;

}

.extra-options a {

color: #4CAF50;

text-decoration: none;

font-weight: 600;

transition: color 0.3s;

}

.extra-options a:hover {

color: #388E3C;

}

</style>

</head>

<body>

<div class="signup-container">

<h2>Create an Account</h2>

<form id="signupForm" action="lab1.html" method="POST">

<div class="form-group">

<label for="fullname">Full Name</label>

<input type="text" id="fullname" name="fullname" placeholder="Enter your full name" required>

<div class="error-message" id="fullnameError">Full name is required.</div>

</div>

<div class="form-group">

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

<input type="email" id="email" name="email" placeholder="Enter your email address" required>

<div class="error-message" id="emailError">Please enter a valid email address.</div>

</div>

<div class="form-group">

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

<input type="text" id="username" name="username" placeholder="Choose a username" required>

<div class="error-message" id="usernameError">Username is required.</div>

</div>

<div class="form-group">

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

<input type="password" id="password" name="password" placeholder="Create a password" required>

<div class="error-message" id="passwordError">Password must be at least 6 characters.</div>

</div>

<button type="submit">Sign Up</button>

<div class="extra-options">

<p>Already have an account? <a href="login\_form.html">Login here</a></p>

</div>

</form>

</div>

<script>

const signupForm = document.getElementById('signupForm');

const fullnameInput = document.getElementById('fullname');

const emailInput = document.getElementById('email');

const usernameInput = document.getElementById('username');

const passwordInput = document.getElementById('password');

const fullnameError = document.getElementById('fullnameError');

const emailError = document.getElementById('emailError');

const usernameError = document.getElementById('usernameError');

const passwordError = document.getElementById('passwordError');

signupForm.addEventListener('submit', (e) => {

let isValid = true;

if (!fullnameInput.value.trim()) {

fullnameError.style.display = 'block';

isValid = false;

} else {

fullnameError.style.display = 'none';

}

if (!emailInput.value.trim() || !emailInput.value.includes('@')) {

emailError.style.display = 'block';

isValid = false;

} else {

emailError.style.display = 'none';

}

if (!usernameInput.value.trim()) {

usernameError.style.display = 'block';

isValid = false;

} else {

usernameError.style.display = 'none';

}

if (!passwordInput.value.trim() || passwordInput.value.length < 6) {

passwordError.style.display = 'block';

isValid = false;

} else {

passwordError.style.display = 'none';

}

if (!isValid) {

e.preventDefault();

}

});

</script>

</body>

</html>

**REGISTRATION PAGE:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Elite Planners - Registration</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f9f9f9;

}

.container {

max-width: 500px;

margin: 30px auto;

background: #fff;

padding: 20px;

border-radius: 8px;

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

}

h1 {

text-align: center;

color: #27ae60;

margin-bottom: 20px;

}

.form-group {

margin-bottom: 15px;

}

.form-group label {

display: block;

margin-bottom: 5px;

font-weight: bold;

}

.form-group input,

.form-group select {

width: 100%;

padding: 8px;

box-sizing: border-box;

}

.form-group .radio-group {

display: flex;

gap: 15px;

}

.form-group .radio-group input {

margin-right: 5px;

}

.btn {

display: block;

width: 100%;

padding: 10px;

background-color: #27ae60;

color: #fff;

font-size: 16px;

border: none;

border-radius: 5px;

cursor: pointer;

}

.btn:hover {

background-color: #2ecc71;

}

</style>

</head>

<body>

<div class="container">

<h1>Welcome to Elite Planners</h1>

<form id="registrationForm">

<!-- Name -->

<div class="form-group">

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

<input type="text" id="name" name="name" placeholder="Enter your name" required>

</div>

<!-- Age -->

<div class="form-group">

<label for="age">Age</label>

<input type="number" id="age" name="age" placeholder="Enter your age" required min="1">

</div>

<!-- Role -->

<div class="form-group">

<label for="role">Role</label>

<select id="role" name="role" required>

<option value="" disabled selected>Select your role</option>

<option value="Student">Student</option>

<option value="Employee">Employee</option>

<option value="Business Owner">Business Owner</option>

<option value="Other">Other</option>

</select>

</div>

<!-- Gender -->

<div class="form-group">

<label>Gender</label>

<div class="radio-group">

<label><input type="radio" name="gender" value="Male" required> Male</label>

<label><input type="radio" name="gender" value="Female"> Female</label>

<label><input type="radio" name="gender" value="Other"> Other</label>

</div>

</div>

<!-- Phone Number -->

<div class="form-group">

<label for="phone">Phone Number</label>

<input type="tel" id="phone" name="phone" placeholder="Enter your phone number" required pattern="[0-9]{10}">

</div>

<!-- State -->

<div class="form-group">

<label for="state">State</label>

<select id="state" name="state" required>

<option value="" disabled selected>Select your state</option>

<option value="Maharashtra">Maharashtra</option>

<option value="Delhi">Delhi</option>

<option value="Karnataka">Karnataka</option>

<option value="Tamil Nadu">Tamil Nadu</option>

<option value="Uttar Pradesh">Uttar Pradesh</option>

</select>

</div>

<!-- City -->

<div class="form-group">

<label for="city">City</label>

<select id="city" name="city" required>

<option value="" disabled selected>Select your city</option>

</select>

</div>

<!-- Register Button -->

<button type="submit" class="btn">Register</button>

</form>

</div>

<script>

const stateCityMap = {

Maharashtra: ["Mumbai", "Pune", "Nagpur"],

Delhi: ["New Delhi", "Dwarka", "Rohini"],

Karnataka: ["Bangalore", "Mysore", "Hubli"],

"Tamil Nadu": ["Chennai", "Coimbatore", "Madurai"],

"Uttar Pradesh": ["Lucknow", "Kanpur", "Varanasi"],

};

const stateSelect = document.getElementById("state");

const citySelect = document.getElementById("city");

const form = document.getElementById("registrationForm");

stateSelect.addEventListener("change", () => {

const cities = stateCityMap[stateSelect.value] || [];

citySelect.innerHTML = `<option value="" disabled selected>Select your city</option>`;

cities.forEach(city => {

const option = document.createElement("option");

option.value = city;

option.textContent = city;

citySelect.appendChild(option);

});

});

form.addEventListener("submit", (event) => {

event.preventDefault();

window.location.href = "success.html"; // Redirect to success page

});

</script>

</body>

</html>

**DISPLAY PAGE:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Registration Success</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f9f9f9;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.message-container {

text-align: center;

background: #fff;

padding: 30px;

border-radius: 10px;

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

}

h1 {

color: #27ae60;

}

p {

color: #2c3e50;

font-size: 18px;

}

</style>

</head>

<body>

<div class="message-container">

<h1>Registration Successful!</h1>

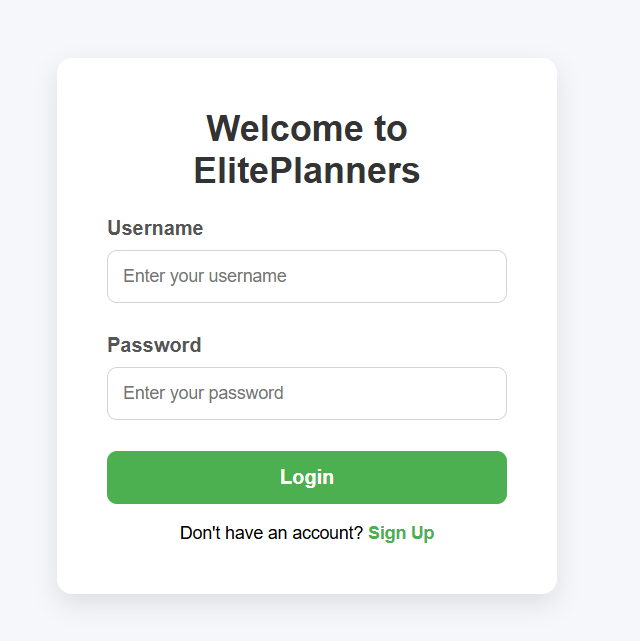
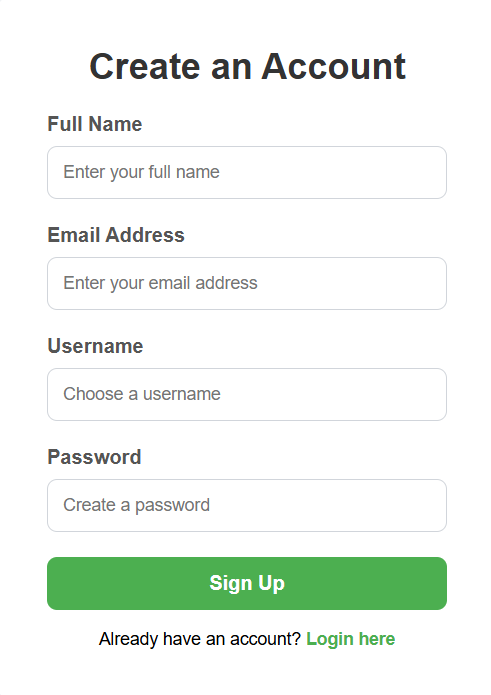
<p>Thank you for registering with Elite Planners.</p>

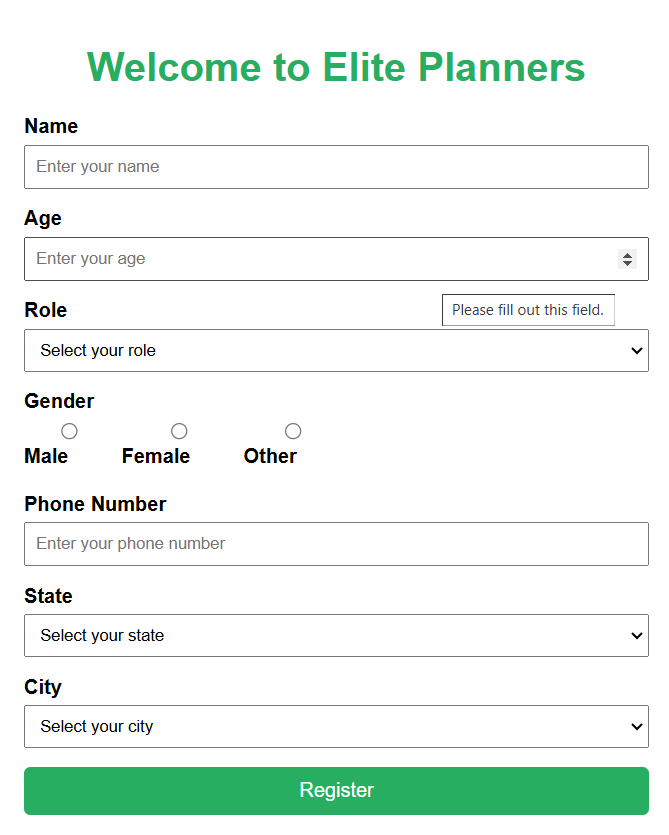
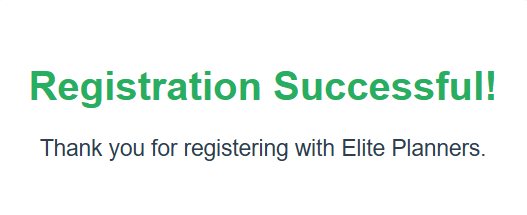
</div>

</body>

</html>

**OUTPUT:**

** **

** **

**RESULT:**

The login form and registration form using html has been successfully created.