Lab-6

Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Epic Game Management Store - Registration</title>
    <script src="https://cdn.tailwindcss.com"></script>
</head>
<body class="bg-cover bg-center min-h-screen flex items-center justify-center" style="background-image: url('1.jpg');">
    <div class="bg-white bg-opacity-90 p-6 rounded-lg shadow-lg w-96">
        <h2 class="text-2xl font-bold text-center mb-6">User Registration</h2>
        <form id="registrationForm">
            <div class="mb-4 relative">
                <label for="name" class="block text-gray-700 font-semibold mb-2">Full Name</label>
                <input type="text" id="name" name="name" required class="w-full p-3 border rounded-lg focus:outline-none focus:ring-2 focus:ring-green-500">
                <div class="absolute top-0 left-full ml-2 bg-gray-700 text-white text-sm py-1 px-3 rounded hidden group-hover:block">Please enter a valid name (at least 3 alphabetic characters).</div>
                <div class="text-red-500 text-sm mt-2 hidden" id="nameError">Invalid name.</div>
                <div class="text-green-500 text-sm mt-2 hidden" id="nameValid">Looks good!</div>
            </div>


            <div class="mb-4 relative">
                <label for="email" class="block text-gray-700 font-semibold mb-2">Email</label>
                <input type="email" id="email" name="email" required class="w-full p-3 border rounded-lg focus:outline-none focus:ring-2 focus:ring-green-500">
                <div class="absolute top-0 left-full ml-2 bg-gray-700 text-white text-sm py-1 px-3 rounded hidden group-hover:block">Please enter a valid email address (e.g., user@example.com).</div>
                <div class="text-red-500 text-sm mt-2 hidden" id="emailError">Invalid email.</div>
```

```html
            <div class="text-green-500 text-sm mt-2 hidden" id="emailValid">Valid email!</div>

        </div>


        <div class="mb-4 relative">

            <label for="password" class="block text-gray-700 font-semibold mb-2">Password</label>

            <input type="password" id="password" name="password" required class="w-full p-3 border rounded-lg focus:outline-none focus:ring-2 focus:ring-green-500">

            <div class="absolute top-0 left-full ml-2 bg-gray-700 text-white text-sm py-1 px--3 rounded hidden group-hover:block">Password must be at least 8 characters long and contain both letters and numbers.</div>

            <div class="text-red-500 text-sm mt-2 hidden" id="passwordError">Invalid password.</div>

        </div>


        <div class="mb-4 relative">

            <label for="confirmPassword" class="block text-gray-700 font-semibold mb-2">Confirm Password</label>

            <input type="password" id="confirmPassword" name="confirmPassword" required class="w-full p-3 border rounded-lg focus:outline-none focus:ring-2 focus:ring-green-500">

            <div class="absolute top-0 left-full ml-2 bg-gray-700 text-white text-sm py-1 px--3 rounded hidden group-hover:block">Passwords must match.</div>

            <div class="text-red-500 text-sm mt-2 hidden" id="confirmPasswordError">Passwords do not match.</div>

            <div class="text-green-500 text-sm mt-2 hidden" id="passwordMatchValid">Passwords match!</div>

        </div>


        <div class="mb-6 relative">

            <label for="dob" class="block text-gray-700 font-semibold mb-2">Date of Birth</label>

            <input type="date" id="dob" name="dob" required class="w-full p-3 border rounded-lg focus:outline-none focus:ring-2 focus:ring-green-500">

            <div class="absolute top-0 left-full ml-2 bg-gray-700 text-white text-sm py-1 px--3 rounded hidden group-hover:block">You must be at least 18 years old.</div>

            <div class="text-red-500 text-sm mt-2 hidden" id="dobError">You must be at least 18 years old.</div>

        </div>
```

```html
        <button type="submit" class="w-full bg-green-500 text-white p-3 rounded-lg hover:bg-green-600 disabled:bg-gray-400 disabled:cursor-not-allowed" id="submitBtn" disabled>Register</button>

    </form>

  </div>


  <script src="registration.js"></script>
</body>
</html>
```

Js

```js
document.addEventListener('DOMContentLoaded', () => {
    const form = document.getElementById('registrationForm');

    const nameInput = document.getElementById('name');

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

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

    const confirmPasswordInput = document.getElementById('confirmPassword');

    const dobInput = document.getElementById('dob');

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


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

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

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

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

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


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

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

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


    function validateName() {
```

```
    const name = nameInput.value.trim();

    const isValid = /^[a-zA-Z\s]{3,}$/.test(name);

    if (isValid) {

      nameInput.classList.add('border-green-500');

      nameInput.classList.remove('border-red-500');

      nameError.classList.add('hidden');

      nameValid.classList.remove('hidden');

    } else {

      nameInput.classList.add('border-red-500');

      nameInput.classList.remove('border-green-500');

      nameError.classList.remove('hidden');

      nameValid.classList.add('hidden');

    }

    return isValid;

}


function validateEmail() {

    const email = emailInput.value.trim();

    const isValid = /^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(email);

    if (isValid) {

      emailInput.classList.add('border-green-500');

      emailInput.classList.remove('border-red-500');

      emailError.classList.add('hidden');

      emailValid.classList.remove('hidden');

    } else {

      emailInput.classList.add('border-red-500');

      emailInput.classList.remove('border-green-500');

      emailError.classList.remove('hidden');

      emailValid.classList.add('hidden');

    }

    return isValid;
```

```javascript
        }

    function validatePassword() {
        const password = passwordInput.value.trim();
        const isValid = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/.test(password);
        if (isValid) {
            passwordInput.classList.add('border-green-500');
            passwordInput.classList.remove('border-red-500');
            passwordError.classList.add('hidden');
        } else {
            passwordInput.classList.add('border-red-500');
            passwordInput.classList.remove('border-green-500');
            passwordError.classList.remove('hidden');
        }
        return isValid;
    }

    function validateConfirmPassword() {
        const password = passwordInput.value.trim();
        const confirmPassword = confirmPasswordInput.value.trim();
        const isValid = password === confirmPassword;
        if (isValid) {
            confirmPasswordInput.classList.add('border-green-500');
            confirmPasswordInput.classList.remove('border-red-500');
            confirmPasswordError.classList.add('hidden');
            passwordMatchValid.classList.remove('hidden');
        } else {
            confirmPasswordInput.classList.add('border-red-500');
            confirmPasswordInput.classList.remove('border-green-500');
            confirmPasswordError.classList.remove('hidden');
            passwordMatchValid.classList.add('hidden');
```

```javascript
    }
    return isValid;
  }


  function validateDob() {
    const dob = dobInput.value;
    const age = new Date().getFullYear() - new Date(dob).getFullYear();
    const isValid = age >= 18;
    if (isValid) {
      dobInput.classList.add('border-green-500');
      dobInput.classList.remove('border-red-500');
      dobError.classList.add('hidden');
    } else {
      dobInput.classList.add('border-red-500');
      dobInput.classList.remove('border-green-500');
      dobError.classList.remove('hidden');
    }
    return isValid;
  }


  function validateForm() {
    const isNameValid = validateName();
    const isEmailValid = validateEmail();
    const isPasswordValid = validatePassword();
    const isConfirmPasswordValid = validateConfirmPassword();
    const isDobValid = validateDob();


    const isFormValid = isNameValid && isEmailValid && isPasswordValid &&
isConfirmPasswordValid && isDobValid;

    submitBtn.disabled = !isFormValid;

    return isFormValid;
```
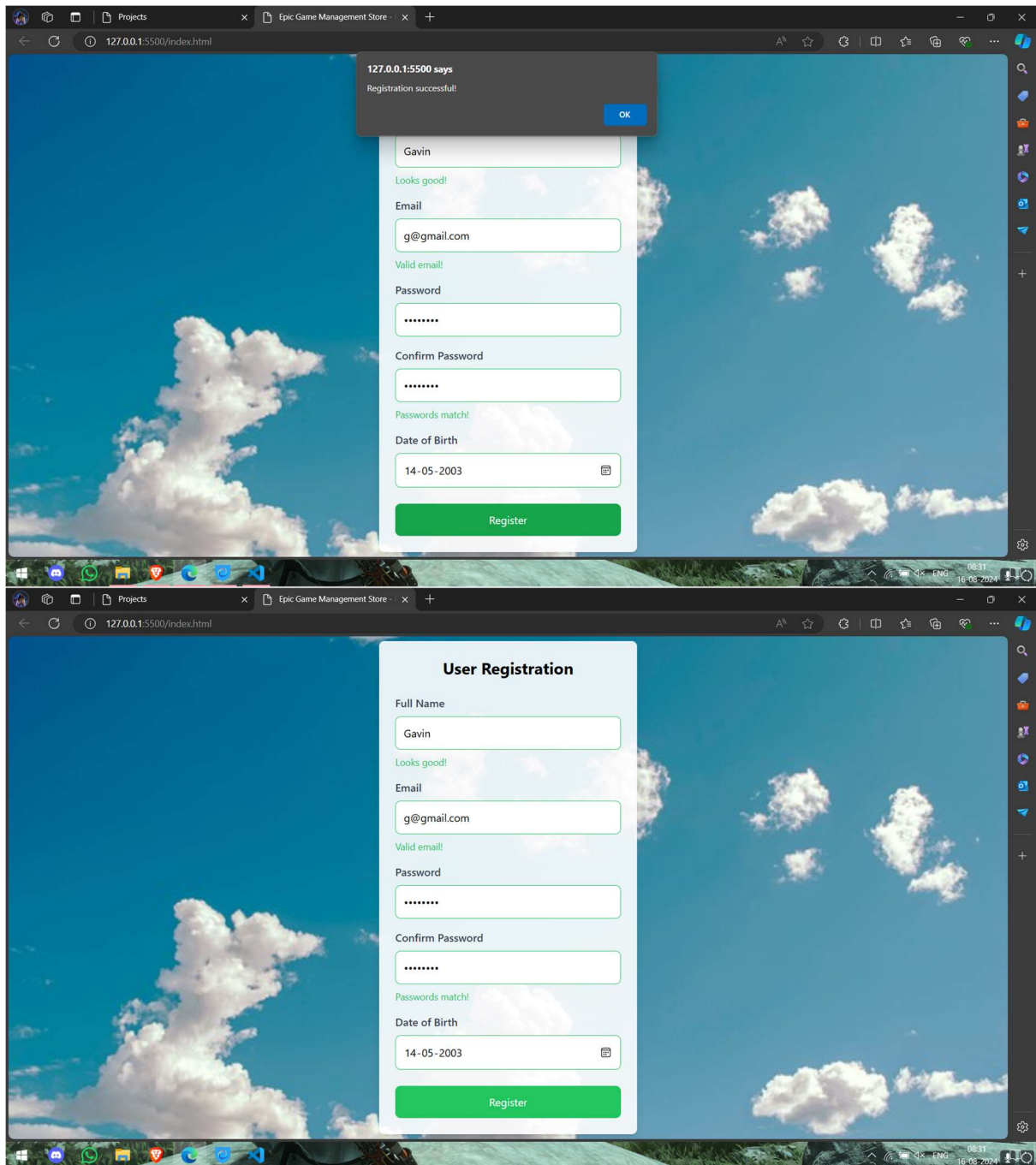
```javascript
  }

  // Real-time validation as the user interacts with the form
  nameInput.addEventListener('input', validateName);
  emailInput.addEventListener('input', validateEmail);
  passwordInput.addEventListener('input', validatePassword);
  confirmPasswordInput.addEventListener('input', validateConfirmPassword);
  dobInput.addEventListener('input', validateDob);

  // Validate the entire form when any input field changes
  form.addEventListener('input', validateForm);

  // Final validation on form submission with success message
  form.addEventListener('submit', (event) => {
    event.preventDefault(); // Prevent form submission for demonstration purposes

    if (validateForm()) {
      // Display success message
      alert("Registration successful!");
    }
  });
});
```

User Registration

Full Name

Gavin

Looks good!

Email

g@gmail.com

Valid email!

Password

••••••••

Confirm Password

••••••••

Passwords match!

Date of Birth

14-05-2003

Register

User Registration

Full Name

Ga

Invalid name.

Email

g@gmail.com

Valid email!

Password

••••••••

Confirm Password

••••••

Passwords do not match.

Date of Birth

14-05-2003

Register

User Registration

Full Name

Ga

Invalid name.

Email

g@gmail.com

Valid email!

Password

••••••••

Confirm Password

••••••

Passwords do not match.

Date of Birth

14-05-2003

Register