



**Name:** Muhammad Haseeb Raza

**Class:** BS – IT (7<sup>th</sup> semester)

**Roll No:** 22201003 – 008

**Subject:** Advance Web Developments

**Submitted to:** Ma'am Mammuna Nawaz

## **Assignment No 03**

# 1. Title of the Project

Interest-Based Anime and Manga Registration Form

## 2. Introduction

This project is a user friendly web form designed to gather interest data from individuals who are fans of Anime, Manga or associated merchandise. It presents a visually engaging design enhanced with emoji’s and structured formatting. The form also includes built in input validation powered by JavaScript to ensure that only correct information is submitted by users.

## 3. Aim and Objectives

The primary goals of this project are to:

- Design a user friendly and attractive registration page for anime enthusiasts.
- Collect basic details such as full name, email, age and interest categories.
- Ensure data accuracy through client side validation techniques.
- Deliver an engaging experience using creative styling and layout choices.

## 4. Tools and Technologies

Technology	Function
HTML	Defines the page structure and elements
CSS	Provides visual styling and layout formatting
JavaScript	Adds validation logic and interactivity
Bootstrap	(Optional) Helps with responsive layout

## 5. Core Functionalities

### Input Fields

- Name: Text field to input the user’s full name.
- Email: Accepts a valid email address only.
- Age: Allows numeric values from 18 to 100.

### Interest Selection

Users can choose their interest from the following options:

- Manga
- Anime
- Merchandise

### Aesthetic and Layout

- Modern centred layout using Flexbox.
- Bright accent colours and emoji usage to appeal to younger audiences.
- Clean spacing and consistent formatting for readability.

### Input Validation

The form performs the following checks before submission:

- Ensures the name field is not empty.

- Confirms the email is valid using a regex pattern.
- Validates that age is within an acceptable range.

If validation fails descriptive error messages are displayed in red below each input.

## 6. Code Structure

### HTML

- Organizes the form elements using:
- A container for layout alignment.
- Input fields with labels and placeholders.
- A submit button styled with distinct colours.

### CSS Styling

Style rules include:

- Flex-based centering of form on the screen.
- Rounded corners, shadows, and padding for modern UI.
- Orange color theme for headers and borders.

### JavaScript Logic

A function `validateForm()` checks input values:

- Resets any previous error messages.
- Validates name, email, and age.
- Stops form submission if any input is invalid.

## 7. Limitations

- Currently the form operates only on the front end and does not save user data.
- Client-side validation is basic.

## 8. Conclusion

This simple yet visually appealing registration form demonstrates foundational front end skills using HTML, CSS and JavaScript. It is ideal for collecting interest data from anime fans. With some upgrades like backend connectivity and responsiveness improvements the project can serve as a practical module in a larger anime community or fan-club system.

## Screenshots

```

261 <section>
262 <div class="container" style="display: flex; justify-content: center; align-items: center; min-height: 100vh;">
263 <div class="form-container" style="background-color: #fff; padding: 10px; border-radius: 10px; box-shadow: 0px 4px 8px #rgba(0, 0, 0, 0.1); border: 2px solid #ff
264 <h3 style="text-align: center; color: #ff5733;">👋 Join Us Now! 🎉</h3>
265 <p style="text-align: center; color: #333;">Let's get started! Please fill out the form below:</p>
266
267 <form id="myform" onsubmit="return validateForm();" style="max-width: 500px; margin: 0 auto;">
268
269 <!-- Name Input -->
270 <label for="name"><strong>Your Name:</strong></label>
271 <input type="text" id="name" placeholder="Enter your full name" style="width: 100%; padding: 10px; margin-bottom: 10px; border: 1px solid #ddd; border-radius: 5
272 <span class="error" id="nameError" style="color: #ff5733;"></span></div>
273
274 <!-- Email Input -->
275 <label for="email"><strong>Email Address:</strong></label>
276 <input type="text" id="email" placeholder="Enter your email address" style="width: 100%; padding: 10px; margin-bottom: 10px; border: 1px solid #ddd; border-rad
277 <span class="error" id="emailError" style="color: #ff5733;"></span></div>
278
279 <!-- Age Input -->
280 <label for="age"><strong>Age:</strong></label>
281 <input type="number" id="age" placeholder="Enter your age" style="width: 100%; padding: 10px; margin-bottom: 10px; border: 1px solid #ddd; border-radius: 5px;"
282 <span class="error" id="ageError" style="color: #ff5733;"></span></div>
283
284 <!-- Interest Section -->
285 <h4 style="text-align: center; color: #ff5733;">🎌 What Are You Interested In? 🎌</h4>
286 <p style="text-align: center; color: #333;">Let us know what you're most excited about!</p>
287
288 <div class="row text-center" style="margin-bottom: 15px;">
289 <div class="col-md-4 mb-4">
290 <input type="checkbox" id="manga" name="interest" value="Manga" style="margin-right: 10px;">
291 <label for="manga" class="text-danger">📖 Manga</label>
292
293 </div>

```

```

295     <!-- Anime -->
296     <div class="col-md-4 mb-4">
297         <input type="checkbox" id="anime" name="interest" value="Anime" style="margin-right: 10px;">
298         <label for="anime" class="text-danger"> 📺 Anime</label>
299     </div>
300
301     <!-- Merchandise -->
302     <div class="col-md-4 mb-4">
303         <input type="checkbox" id="merchandise" name="interest" value="Merchandise" style="margin-right: 10px;">
304         <label for="merchandise" class="text-danger"> 📦 Merch</label>
305     </div>
306 </div>
307
308 <!-- Submit Button -->
309 <input type="submit" value="Register Now 🚀" style="background-color: #ff5733; color: white; border: none; padding: 10px 20px; font-size: 16px; border-radius: 5px;" />
310 </form>
311 </div>
312 </div>
313
314 <script>
315 function validateForm(){
316     let valid = true;
317     document.getElementById("nameError").innerHTML = "";
318     document.getElementById("emailError").innerHTML = "";
319     document.getElementById("ageError").innerHTML = "";
320
321     const name = document.getElementById("name").value.trim();
322     const email = document.getElementById("email").value.trim();
323     const age = document.getElementById("age").value.trim();


```

```

if (name === "") {
    document.getElementById("nameError").innerHTML = "Oops! Name is required 😞";
    valid = false;
}
const emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
if (!emailPattern.test(email)) {
    document.getElementById("emailError").innerHTML = "Yikes! Enter a valid email 📧";
    valid = false;
}
if (age === "" || isNaN(age) || age < 18 || age > 100) {
    document.getElementById("ageError").innerHTML = "Oops! Enter a valid age (18-100) 🤖";
    valid = false;
}
return valid; // if false, form will not submit
}
</script>
</Section>

```

Snipping Tool



Let's get started! Please fill out the form below:

**Your Name:**

**Email Address:**

**Age:**

🌟 **What Are You Interested In?** 🌟

Let us know what you're most excited about!

☐ 📺 Manga

☐ 📺 Anime

☐ 📦 Merch

**Register Now 🚀**