**Web Application using Flask**

**app.py**

from flask import Flask, render\_template, request

app = Flask(\_\_name\_\_)

@app.route('/')

def index():

return render\_template('index.html')

@app.route('/result', methods=['POST'])

def result():

# Get the form data

name = request.form.get('name')

email = request.form.get('email')

message = request.form.get('message')

# Pass the data to the result template

return render\_template('result.html', name=name, email=email, message=message)

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=True)

**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Colorful Form</title>

<style>

body {

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

background: linear-gradient(to right, #ff9966, #ff5e62); /\* Gradient background \*/

color: white;

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.container {

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

color: #333;

padding: 30px;

border-radius: 15px;

box-shadow: 0px 8px 20px rgba(0, 0, 0, 0.3);

max-width: 400px;

width: 100%;

}

h1 {

text-align: center;

font-size: 28px;

color: #ff5e62;

}

form {

display: flex;

flex-direction: column;

}

label {

margin-top: 10px;

font-weight: bold;

color: #333;

}

input, textarea {

margin-top: 5px;

padding: 10px;

border: 2px solid #ff5e62;

border-radius: 5px;

font-size: 16px;

}

input[type="submit"] {

background-color: #ff5e62;

color: white;

border: none;

cursor: pointer;

margin-top: 20px;

font-size: 18px;

padding: 10px;

transition: background-color 0.3s ease;

}

input[type="submit"]:hover {

background-color: #ff9966;

}

</style>

</head>

<body>

<div class="container">

<h1>Colorful Contact Form</h1>

<form action="/result" method="POST">

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

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

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

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

<label for="message">Your Message:</label>

<textarea id="message" name="message" rows="4" required></textarea>

<input type="submit" value="Submit">

</form>

</div>

</body>

</html>

**Result.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Result</title>

<style>

body {

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

background: linear-gradient(to right, #36d1dc, #5b86e5); /\* Gradient background \*/

color: white;

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.container {

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

color: #333;

padding: 30px;

border-radius: 15px;

box-shadow: 0px 8px 20px rgba(0, 0, 0, 0.3);

max-width: 400px;

width: 100%;

}

h1 {

text-align: center;

font-size: 28px;

color: #5b86e5;

}

.details {

margin-top: 20px;

}

.details p {

font-size: 18px;

color: #333;

}

a {

display: inline-block;

margin-top: 20px;

color: #5b86e5;

text-decoration: none;

font-weight: bold;

}

a:hover {

color: #36d1dc;

}

</style>

</head>

<body>

<div class="container">

<h1>Thank You for Contacting Us!</h1>

<div class="details">

<p><strong>Name:</strong> {{ name }}</p>

<p><strong>Email:</strong> {{ email }}</p>

<p><strong>Message:</strong> {{ message }}</p>

</div>

<a href="/">Go Back</a>

</div>

</body>

</html>