<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>AI Chatbot</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f7f7f7;

color: #333;

}

header {

background-color: #007bff;

color: #fff;

padding: 20px;

text-align: center;

}

h1 {

margin: 10px 0;

}

.chat-container {

max-width: 800px;

margin: 20px auto;

background-color: #fff;

border-radius: 10px;

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

padding: 20px;

overflow-y: auto;

height: 400px;

}

.chat-message {

margin-bottom: 10px;

}

.user-message {

text-align: right;

color: #007bff;

}

.bot-message {

text-align: left;

color: #28a745;

}

.input-container {

max-width: 800px;

margin: 20px auto;

padding: 20px;

background-color: #fff;

border-radius: 10px;

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

}

input[type="text"] {

width: 100%;

padding: 10px;

border: 1px solid #ccc;

border-radius: 5px;

}

input[type="submit"] {

background-color: #007bff;

color: #fff;

border: none;

padding: 10px 20px;

border-radius: 5px;

cursor: pointer;

}

</style>

</head>

<body>

<header>

<h1>AI Chatbot</h1>

<p>Welcome to the AI Chatbot! Ask me anything.</p>

</header>

<div class="chat-container" id="chatContainer">

<!-- Chat messages will be displayed here -->

</div>

<div class="input-container">

<form id="chatForm">

<input type="text" id="userInput" placeholder="Type your message here...">

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

</form>

</div>

<script>

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

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

chatForm.addEventListener('submit', function(event) {

event.preventDefault();

const userInput = document.getElementById('userInput').value.trim();

if (userInput !== '') {

displayMessage(userInput, 'user');

// Call function to send user input to the AI chatbot backend and get response

// For demonstration purposes, let's assume the bot responds immediately

setTimeout(function() {

const botResponse = 'This is a response from the AI chatbot.';

displayMessage(botResponse, 'bot');

}, 1000);

document.getElementById('userInput').value = '';

}

});

function displayMessage(message, sender) {

const messageElement = document.createElement('div');

messageElement.classList.add('chat-message');

messageElement.classList.add(sender + '-message');

messageElement.textContent = message;

chatContainer.appendChild(messageElement);

chatContainer.scrollTop = chatContainer.scrollHeight; // Scroll to bottom

}

</script>

</body>

</html>