**Script.js**

The JavaScript (script.js) will handle the user input, display messages, and connect to a chatbot﻿service. For this example, we'll create a simple function that simulates a bot response.﻿document.addEventListener('DOMContentLoaded', () => {﻿const userInput = document.getElementById('user-input');﻿const sendBtn = document.getElementById('send-btn');﻿const chatHistory = document.querySelector('.chat-history');﻿sendBtn.addEventListener('click', sendMessage);﻿userInput.addEventListener('keypress', (e) => {﻿if (e.key === 'Enter') {﻿sendMessage();﻿}﻿});﻿function sendMessage() {﻿const message = userInput.value.trim();﻿if (message === '') {﻿return;﻿}﻿// Display user's message﻿displayMessage(message, 'user');﻿userInput.value = '';Simulate a bot response﻿setTimeout(() => {﻿const botResponse = getBotResponse(message);﻿displayMessage(botResponse, 'bot');﻿}, 1000);﻿}﻿function displayMessage(message, sender) {﻿const messageDiv = document.createElement('div');﻿messageDiv.classList.add('message', `${sender}-message`);﻿messageDiv.textContent = message;﻿chatHistory.appendChild(messageDiv);﻿chatHistory.scrollTop = chatHistory.scrollHeight; //﻿Auto-scroll to the bottom﻿}﻿// A simple function to generate a bot response﻿function getBotResponse(userMessage) {﻿const lowerCaseMessage = userMessage.toLowerCase();﻿if (lowerCaseMessage.includes('hello') ||﻿lowerCaseMessage.includes('hi')) {﻿return 'Hi there! How can I help you today?';﻿} else if (lowerCaseMessage.includes('how are you')) {﻿return 'I am a chatbot, so I don\'t have feelings, but﻿I\'m functioning perfectly!';﻿} else if (lowerCaseMessage.includes('your name')) {﻿return 'I am a simple AI chatbot.';﻿} else {﻿return 'I am sorry, I do not understand that yet. Please﻿try asking something else.';﻿}﻿}﻿});