**Guidelines to Making Personal Chat-bot**(Personal Chat Bot)

**Step: 1** Open ChatGPT in Google

**Step: 2** Write Prompt for Making Personal Chatbot that are given below

**Give me AI chat-bot using HTML, CSS and JavaScript**

**Step: 3** Make a Folder of chatbot and make index.html file

**Step: 4** Open Notepad, copy code from chatGPT and set in Notepad

**Step: 5** Attach CSS and JS file in HTML file

**Step: 6** Run Index.html file

**Step: 7** Setup github Account and Make Repository (Repo) – with Below Commands

1. Download git
2. Install git
3. Then open your project Terminal
4. Write command - **git init**
5. **Git config –global user.email “youremail”**, **git config –global user.name “yourname”**
6. **Git add .**
7. **Git commit –m “first commit”**
8. Set repo path (Origin path)
9. **Git push –u origin master**

**Step: 8** **Setup Vercel and Live your Project**

**For your Reference Code Provided Below:**

<!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>

    <link rel="stylesheet" href="style.css">

    <script defer src="script.js"></script>

</head>

<body>

    <div class="chat-container">

        <div class="chat-header">

            <h2>AI Chatbot</h2>

        </div>

        <div class="chat-box" id="chat-box">

            <div class="bot-message">Hello! How can I assist you today?</div>

        </div>

        <div class="chat-input">

            <input type="text" id="user-input" placeholder="Type your message..." />

            <button onclick="sendMessage()">Send</button>

        </div>

    </div>

</body>

</html>

Styles.css

/\* General Styling \*/

body {

    font-family: Arial, sans-serif;

    background: linear-gradient(to right, #8360c3, #2ebf91);

    margin: 0;

    padding: 0;

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

}

/\* Chatbot Container \*/

.chat-container {

    width: 400px;

    max-width: 100%;

    background: #fff;

    border-radius: 10px;

    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.3);

    overflow: hidden;

}

/\* Chat Header \*/

.chat-header {

    background: #2ebf91;

    color: #fff;

    padding: 15px;

    text-align: center;

    font-size: 1.5rem;

}

/\* Chat Box \*/

.chat-box {

    height: 300px;

    overflow-y: auto;

    padding: 15px;

    background: #f4f4f4;

}

/\* Messages Styling \*/

.chat-box .bot-message,

.chat-box .user-message {

    padding: 10px;

    border-radius: 10px;

    margin-bottom: 10px;

    width: fit-content;

    max-width: 80%;

}

.chat-box .bot-message {

    background: #2ebf91;

    color: #fff;

    align-self: flex-start;

}

.chat-box .user-message {

    background: #8360c3;

    color: #fff;

    align-self: flex-end;

    margin-left: auto;

}

/\* Chat Input \*/

.chat-input {

    display: flex;

    padding: 10px;

    background: #fff;

    border-top: 1px solid #ccc;

}

.chat-input input {

    flex: 1;

    padding: 10px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

.chat-input button {

    padding: 10px 15px;

    border: none;

    background: #2ebf91;

    color: #fff;

    cursor: pointer;

    margin-left: 10px;

    border-radius: 5px;

}

.chat-input button:hover {

    background: #23a580;

}

Script.js

// Predefined chatbot responses

const botResponses = {

    "hello": "Hi there! How can I assist you today?",

    "how are you": "I'm just a bot, but I'm doing great! 😊",

    "what is your name": "I'm an AI chatbot created to help you!",

    "bye": "Goodbye! Have a great day! 👋",

    "default": "Sorry, I didn't understand that. Can you please rephrase?"

};

// Function to send user message and get bot response

function sendMessage() {

    const userInput = document.getElementById("user-input").value.trim();

    if (userInput === "") return;

    // Append user message to chat

    appendMessage("user", userInput);

    // Get bot response

    const botReply = getBotResponse(userInput.toLowerCase());

    setTimeout(() => {

        appendMessage("bot", botReply);

    }, 500);

    // Clear input field

    document.getElementById("user-input").value = "";

}

// Function to generate chatbot responses

function getBotResponse(input) {

    return botResponses[input] || botResponses["default"];

}

// Function to append messages to chat

function appendMessage(sender, message) {

    const chatBox = document.getElementById("chat-box");

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

    messageElement.classList.add(sender === "bot" ? "bot-message" : "user-message");

    messageElement.textContent = message;

    chatBox.appendChild(messageElement);

    chatBox.scrollTop = chatBox.scrollHeight; // Auto-scroll to bottom

}

// Enable sending message by pressing Enter

document.getElementById("user-input").addEventListener("keypress", function(event) {

    if (event.key === "Enter") {

        sendMessage();

    }

});