<!DOCTYPE html>

<html lang="ko">

<head>

<meta charset="UTF-8">

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

<title>AI 챗봇 (메모리 기능 포함)</title>

<style>

body {

font-family: Arial, sans-serif;

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

height: 100vh;

background-color: #f4f4f4;

}

#chatbox {

width: 90%;

max-width: 400px;

height: 500px;

border: 1px solid #ccc;

border-radius: 10px;

overflow-y: auto;

padding: 10px;

background-color: white;

}

.message {

padding: 8px;

margin: 5px;

border-radius: 10px;

max-width: 70%;

}

.user {

background-color: #007bff;

color: white;

align-self: flex-end;

text-align: right;

}

.bot {

background-color: #e0e0e0;

align-self: flex-start;

}

#inputArea {

display: flex;

width: 90%;

max-width: 400px;

margin-top: 10px;

}

#userInput {

flex-grow: 1;

padding: 8px;

border: 1px solid #ccc;

border-radius: 5px;

}

#sendBtn {

padding: 8px 15px;

margin-left: 5px;

border: none;

background-color: #007bff;

color: white;

cursor: pointer;

border-radius: 5px;

}

#sendBtn:hover {

background-color: #0056b3;

}

</style>

</head>

<body>

<div id="chatbox"></div>

<div id="inputArea">

<input type="text" id="userInput" placeholder="메시지를 입력하세요...">

<button id="sendBtn">전송</button>

</div>

<script>

let userName = localStorage.getItem("userName") || "";

let chatHistory = JSON.parse(localStorage.getItem("chatHistory")) || [];

document.getElementById("sendBtn").addEventListener("click", sendMessage);

document.getElementById("userInput").addEventListener("keypress", function(event) {

if (event.key === "Enter") sendMessage();

});

function loadChatHistory() {

let chatbox = document.getElementById("chatbox");

chatbox.innerHTML = ""; // 기존 대화 초기화

chatHistory.forEach(msg => {

appendMessage(msg.text, msg.sender);

});

if (chatHistory.length === 0) {

appendMessage("안녕하세요! 이름이 무엇인가요?", "bot");

}

}

function sendMessage() {

let userText = document.getElementById("userInput").value.trim();

if (userText === "") return;

appendMessage(userText, "user");

chatHistory.push({ text: userText, sender: "user" });

setTimeout(() => {

let botReply = getBotResponse(userText.toLowerCase());

appendMessage(botReply, "bot");

chatHistory.push({ text: botReply, sender: "bot" });

localStorage.setItem("chatHistory", JSON.stringify(chatHistory));

}, 500);

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

}

function appendMessage(text, sender) {

let chatbox = document.getElementById("chatbox");

let msgDiv = document.createElement("div");

msgDiv.classList.add("message", sender);

msgDiv.innerText = text;

chatbox.appendChild(msgDiv);

chatbox.scrollTop = chatbox.scrollHeight;

}

function getBotResponse(input) {

if (!userName) {

userName = input.charAt(0).toUpperCase() + input.slice(1);

localStorage.setItem("userName", userName);

return `반가워요, ${userName}! 어떻게 도와드릴까요?`;

}

let responses = {

"안녕": `안녕하세요, ${userName}!`,

"이름이 뭐야": `저는 웹 챗봇입니다! 당신의 이름은 ${userName}이죠?`,

"뭐해": "당신과 대화하고 있어요!",

"날씨 어때": "날씨 정보를 찾을 수 없지만, 창밖을 보면 알 수 있어요!",

"고마워": "천만에요! 또 질문해주세요.",

"잘가": "안녕히 가세요! 다음에 또 만나요."

};

for (let key in responses) {

if (input.includes(key)) {

return responses[key];

}

}

return `${userName}, 이해하지 못했어요. 다른 질문을 해주세요!`;

}

loadChatHistory();

</script>

</body>

</html>