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// Initial chat state with the first message from the bot
const messages = [
  {
    sender: "bot",
    message: "Hi there! How can I help you today?",
  },
];

// Select necessary DOM elements for the chat interface
const chatBody = document.querySelector(".chat-body");
const chatFooter = document.querySelector(".chat-footer");
const input = document.querySelector("#input-message");
const sendButton = document.querySelector("#send-btn");

// Initial render of messages
renderMessages();

// Function to render all messages inside the chat body
function renderMessages() {
  chatBody.innerHTML = "";
  messages.forEach((message) => {
    chatBody.innerHTML += getMessageDiv(message.sender, message.message);
  });
  chatBody.scrollTop = chatBody.scrollHeight;
}

// Function to create and return a message div for each chat message
function getMessageDiv(sender, message) {
  const htmlText = `

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// Parse the response from the API
const data = await response.json();

// Extract and clean up the API response message
const apiResponse = data.candidates[0].content.parts[0].text.replace(
 /**(.*?)*/g,
 "$1"
);

// Remove the "Typing..." placeholder and add the bot's response
messages.pop();
messages.push({ sender: "bot", message: apiResponse });

// button text back to "Send"
sendButton.innerHTML = "Send";
sendButton.disabled = false;

// Render the final messages after the bot's response
renderMessages();
} catch (error) {
 // If there is an error, log it and display a default error message
 console.error("Error fetching bot response:", error);
 messages.pop();
 messages.push({
 sender: "bot",
 message: "Sorry, there was an error processing your request.",
 });
 renderMessages();
}
};

// Function to add a typing effect for the bot response
const typingEffect = () => {
 // Add a placeholder message for "Typing..."
 messages.push({ sender: "bot", message: "Typing..." });
 renderMessages();
};

```


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