

## Training Report Day-37

18 July 2024

### ❖ Frontend code of Chatbot:-

#### ➤ HTML:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>ChatGPT Chatbot</title>
  <link rel="stylesheet" href="{ { url_for('static', filename='style.css') } }">
</head>

<body>
  <div class="chat-container">
    <div class="chat-box" id="chat-box">
      <div class="chat-bubble bot">
        <span class="bot-message">Hi,I am a chatbot created by Jasleen Kaur. How can I
help you today?</span>
      </div>
    </div><br>
    <input type="text" id="user-input" placeholder="Type your message..."><br>
    <br> <button onclick="send()">Send</button>
  </div>

  <script>
    function send() {
      var userInput = document.getElementById("user-input").value;
      document.getElementById("user-input").value = "";

      var xhr = new XMLHttpRequest();
```

```
xhr.open("GET", "/get?msg=" + userInput, true);
xhr.send();

xhr.onreadystatechange = function() {
    if (xhr.readyState == 4 && xhr.status == 200) {
        var response = xhr.responseText;
        appendMessage(userInput, "user");
        appendMessage(response, "bot");
    }
};
}

function appendMessage(message, sender) {
    var chatBox = document.getElementById("chat-box");
    var chatBubble = document.createElement("div");
    chatBubble.className = "chat-bubble " + sender;
    var messageElement = document.createElement("span");
    messageElement.className = sender + "-message";
    messageElement.innerHTML = message;
    chatBubble.appendChild(messageElement);
    chatBox.appendChild(chatBubble);
}
</script>
</body>
</html>
```

## ➤ CSS:-

```
body {  
  font-family: Arial, sans-serif;  
  background-image: url("pic.jpg");  
  background-size: 1600px 870px;  
  margin: 0;  
  padding: 0;  
}  
  
.chat-container {  
  max-width: 650px;  
  margin: 70px auto;  
  background-color: #90c0e2;  
  padding: 30px;  
  border-radius: 10px;  
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}  
  
.chat-box {  
  max-height: 300px;  
  overflow-y: scroll;  
  padding-bottom: 20px;  
}  
  
.chat-bubble {  
  margin: 10px;  
  padding: 10px;  
  border-radius: 10px;  
  max-width: 80%;  
}  
  
.bot {  
  background-color: #c8f7f6;
```

```
text-align: left;
}

.user {
  background-color: #f6d2df;
  text-align: right;
}

.bot-message, .user-message {
  display: block;
  margin-bottom: 5px;
}

input[type="text"] {
  width: calc(100% - 70px);
  padding: 10px;
  font-size: 16px;
  border: 1px solid #ccc;
  border-radius: 5px;
  outline: none;
}

button {
  width: 60px;
  padding: 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  border-radius: 10px;
  cursor: pointer;
  margin-left: 10px;
  font-size: 16px;
}
```

```
button:hover {  
  background-color: #45a049;  
}
```