

Chatbot POST Request JSON Format

JSON Format for POST Requests

****Description:****

The JSON format for POST requests to the remote chatbot service will include the following fields:

- `sessionId`: A unique identifier for the chat session.
- `userMessage`: The message sent by the user.
- `chatHistory`: An array of message objects representing the chat history.
 - Each message object will have the following fields:
 - `sender`: Indicates who sent the message (`user` or `bot`).
 - `message`: The content of the message.
 - `timestamp`: The time when the message was sent.

****JSON Structure:****

```
{
  "sessionId": "string",
  "userMessage": "string",
  "chatHistory": [
    {
      "sender": "string",
      "message": "string",
      "timestamp": "string"
    }
  ]
}
```

Example Chat Conversation and Corresponding JSON Representations

****Example Conversation:****

1. User: "Hello"
2. Bot: "Good day"

3. User: "What time is it?"
4. Bot: "It's 9:00 AM"
5. User: "I should go!"

****JSON Representations for Each POST Request:****

****Initial Request (User: "Hello"):****

```
{
  "sessionId": "abc123",
  "userMessage": "Hello",
  "chatHistory": []
}
```

****Response from Bot ("Good day"):****

```
{
  "sessionId": "abc123",
  "userMessage": "",
  "chatHistory": [
    {
      "sender": "user",
      "message": "Hello",
      "timestamp": "2024-06-17T10:00:00Z"
    },
    {
      "sender": "bot",
      "message": "Good day",
      "timestamp": "2024-06-17T10:00:05Z"
    }
  ]
}
```

****User's Next Message ("What time is it?"):****

```
{
  "sessionId": "abc123",
  "userMessage": "What time is it?",
  "chatHistory": [
    {
      "sender": "user",
      "message": "Hello",
      "timestamp": "2024-06-17T10:00:00Z"
    }
  ]
}
```

```
    },  
    {  
      "sender": "bot",  
      "message": "Good day",  
      "timestamp": "2024-06-17T10:00:05Z"  
    }  
  ]  
}
```

****Response from Bot ("It's 9:00 AM"):****

```
{  
  "sessionId": "abc123",  
  "userMessage": "",  
  "chatHistory": [  
    {  
      "sender": "user",  
      "message": "Hello",  
      "timestamp": "2024-06-17T10:00:00Z"  
    },  
    {  
      "sender": "bot",  
      "message": "Good day",  
      "timestamp": "2024-06-17T10:00:05Z"  
    },  
    {  
      "sender": "user",  
      "message": "What time is it?",  
      "timestamp": "2024-06-17T10:01:00Z"  
    },  
    {  
      "sender": "bot",  
      "message": "It's 9:00 AM",  
      "timestamp": "2024-06-17T10:01:05Z"  
    }  
  ]  
}
```

****User's Final Message ("I should go!"):****

```
{  
  "sessionId": "abc123",
```

```
"userMessage": "I should go!",
"chatHistory": [
  {
    "sender": "user",
    "message": "Hello",
    "timestamp": "2024-06-17T10:00:00Z"
  },
  {
    "sender": "bot",
    "message": "Good day",
    "timestamp": "2024-06-17T10:00:05Z"
  },
  {
    "sender": "user",
    "message": "What time is it?",
    "timestamp": "2024-06-17T10:01:00Z"
  },
  {
    "sender": "bot",
    "message": "It's 9:00 AM",
    "timestamp": "2024-06-17T10:01:05Z"
  }
]
}
```