1. JSON Format for Chatbot POST Requests

```json
{

  "message": {

    "type": "text",     // Message type (text, image, etc.)

    "content": "string" // Message content (user's text)

  },

  "conversation_id": "string", // Unique ID for this chat session

  "user_id": "string",     // Unique ID for the user (optional)

  "timestamp": "ISO 8601",   // Timestamp in ISO 8601 format (e.g., 2024-06-17T09:14:00Z)

  "metadata": {          // Additional optional data

    "language": "string",

    "user_location": "string"

  }

}
```

Field Descriptions

- **message:**
  - **type:** Indicates the message type (text, image, etc.).
  - **content:** The actual text content of the user's message.
- **conversation_id:** A unique identifier for the conversation session. This helps the chatbot maintain context across multiple messages.
- **user_id:** (Optional) A unique identifier for the user. This is helpful for personalization and user history tracking.
- **timestamp:** The time the message was sent. ISO 8601 format ensures consistency.
- **metadata:** A dictionary for additional information:
  - **language:** The language the user is likely using.
  - **user_location:** The user's geographical location (if available).

2. Example Chat Conversation and JSON Representations

Conversation:

1. **User:** Hi!
2. **Chatbot:** Hello there! How can I assist you today?

3.   **User:** Can you recommend a good Italian restaurant nearby?

JSON Representation:

Request 1:

```json
{
 "message": {
   "type": "text",
   "content": "Hi!"
 },
 "conversation_id": "conv_12345",
 "timestamp": "2024-06-17T09:15:00Z"
}
```

Request 2: (Chatbot's response is not sent as a POST request)

Request 3:

```json
{
 "message": {
   "type": "text",
   "content": "Can you recommend a good Italian restaurant nearby?"
 },
 "conversation_id": "conv_12345",
 "timestamp": "2024-06-17T09:16:30Z",
 "metadata": {
   "language": "en",
   "user_location": "Tbilisi, Georgia"
 }
}
```