JSON Format for POST Requests to Remote Chatbot Service:

{ "userMessage": "String containing the current user message", "conversationContext": { "sessionId": "Unique identifier for the conversation session", "messageHistory": [{ "sender": "user or bot", "content": "Message content", "timestamp": "ISO 8601 formatted timestamp" }], "userProfile": { "username": "User's display name", "preferredLanguage": "User's preferred language code" } }, "additionalParameters": { "mood": "Detected mood of the user (optional)", "topic": "Detected conversation topic (optional)" } }

Description of JSON Format:

- userMessage: Contains the current user input
- conversationContext: Holds session information and message history
- sessionId: Unique identifier for the current chat session
- messageHistory: Array of previous messages in the conversation
- userProfile: Contains user-specific information
- additionalParameters: Optional fields for enhanced conversation context

Example Conversation with JSON Representations:

User: Hello

{ "userMessage": "Hello", "conversationContext": { "sessionId": "abc123", "messageHistory": [{ "sender": "user", "content": "Hello", "timestamp": "2024-06-17T10:00:00Z" }], "userProfile": { "username": "John", "preferredLanguage": "en" } }, "additionalParameters": {} }

Chatbot: Hi there! How can I assist you today?

User: What's the weather like?

{ "userMessage": "What's the weather like?", "conversationContext": { "sessionId": "abc123", "messageHistory": [{ "sender": "user", "content": "Hello", "timestamp": "2024-06-17T10:00:00Z" }, { "sender": "bot", "content": "Hi there! How can I assist you today?", "timestamp": "2024-06-17T10:00:05Z" }, { "sender": "user", "content": "What's the weather like?", "timestamp": "2024-06-17T10:00:30Z" }], "userProfile": { "username": "John", "preferredLanguage": "en" } }, "additionalParameters": { "topic": "weather" } }