

Example POST Request JSON

```
{
  "message": "string",
  "sender": "User/Chatbot",
  "chat_history": [
    {
      "sender": "User/Chatbot",
      "message": "string",
      "created_at": "2024-06-17T09:14:18"
    }
  ]
}
```

Field description:

- message: new message of the user or chatbot
- sender: Chatbot or User - message sender
- chat history: a list (array) of previous messages with similar fields:
 - sender: Chatbot or User - message sender
 - message: the message text itself
 - created_at: timestamp of message creation for ordering chat messages and history

Example Chat Conversation and Corresponding JSON Representations

1. First Message: "Hello"

POST Request:

```
{
  "message": "Hello",
  "sender": "User",
  "chat_history": []
}
```

Response:

```
{
  "message": "Good day",
  "sender": "Chatbot",
  "chat_history": [
    {
      "sender": "User",
```

```
    "message": "Hello",
    "created_at": "2024-06-17T09:00:00"
  }
]
```

2. Second Message: "What time is it?"

POST Request:

```
{
  "message": "What time is it?",
  "sender": "User",
  "chat_history": [
    {
      "sender": "User",
      "message": "Hello",
      "created_at": "2024-06-17T09:00:00"
    },
    {
      "sender": "Chatbot",
      "message": "Good day",
      "created_at": "2024-06-17T09:01:00"
    }
  ]
}
```

Response (Simulated):

```
{
  "message": "9:00 AM",
  "sender": "Chatbot",
  "chat_history": [
    {
      "sender": "User",
      "message": "Hello",
      "created_at": "2024-06-17T09:00:00"
    },
    {
      "sender": "Chatbot",
      "message": "Good day",
      "created_at": "2024-06-17T09:01:00"
    },
    {
      "sender": "User",
      "message": "What time is it?",
      "created_at": "2024-06-17T09:02:00"
    }
  ]
}
```

```
}
```

3. Third Message: "I should go!"

POST Request:

```
{
  "message": "I should go!",
  "sender": "User",
  "chat_history": [
    {
      "sender": "User",
      "message": "Hello",
      "created_at": "2024-06-17T09:00:00"
    },
    {
      "sender": "Chatbot",
      "message": "Good day",
      "created_at": "2024-06-17T09:01:00"
    },
    {
      "sender": "User",
      "message": "What time is it?",
      "created_at": "2024-06-17T09:02:00"
    },
    {
      "sender": "Chatbot",
      "message": "9:00 AM",
      "created_at": "2024-06-17T09:03:00"
    }
  ]
}
```

Response (Simulated):

```
{
  "message": "Wait for me!",
  "sender": "Chatbot",
  "chat_history": [
    {
      "sender": "User",
      "message": "Hello",
      "created_at": "2024-06-17T09:00:00"
    },
    {
      "sender": "Chatbot",
      "message": "Good day",
      "created_at": "2024-06-17T09:01:00"
    }
  ]
}
```

```
},
{
  "sender": "User",
  "message": "What time is it?",
  "created_at": "2024-06-17T09:02:00"
},
{
  "sender": "Chatbot",
  "message": "9:00 AM",
  "created_at": "2024-06-17T09:03:00"
},
{
  "sender": "User",
  "message": "I should go!",
  "created_at": "2024-06-17T09:04:00"
}
]
}
```