



# Task Management domain

Our chatbot is going to answer questions about task management. A user is able to get information about upcoming events, which are scheduled in their calendar. We assume that all data about the user plans are going to be saved in an application, which is going to have an open API. We will probably use the API of one of these following applications: Google Calendar, Notion or Todoist.

Example dialog (our chatbot is named Alfred):

## 1. example - GET events

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: I would like to ask, if I have any tasks/plans/meetings scheduled for today?
4. Chatbot: Give me a second, Sir. I just have to look into your personal diary.
5. Chatbot: I have found three plans for today. The first plan is that you have to return the book "How to make chatbots smarter" into the Czech technical library in Dejvice. The second task is to read some articles relevant to your master thesis as your supervisor advised you to do so.

Lastly, you have scheduled an chess competition event with your colleagues from the Faculty of Mathematics and Physics.

6. User: Can you tell me more about the chess competition that is held today?
7. Chatbot: Yes, Sir. The competition is held at your place at 8 pm. Four guests have confirmed that they wil come.
8. User: Ok, thank you.
9. Chatbot: Is there anything else, I can do for you, Sir?
10. User: No, good bye Alfred.
11. Chatbot: Good bye, Sir.

## **2. example - CREATE event**

1. User: Hello Alfred
2. Chatbot: Hello Martin, what can I do for you?
3. User: I would like to schedule a meeting on this Thursday with my client, Mr. Holmes.
4. Chatbot: Ok, Sir. When and where do you want to schedule the meeting?
5. User: There is a nice place at "Národní třída". It is called Cafe Louvre. Please, write it down to my calendar: meeting with Mr. Holmes at 8 pm Thursday in Cafe Louvre.
6. Chatbot: All done, Sir.
7. User: Ok, thank you.
8. Chatbot: Is there anything else I can do for you Sir?
9. User: No, good bye Alfred
10. Chatbot: Good bye, Sir.

## **3. example - CHANGE event**

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: I just realised that I am not able to do laundry today. Could you please move the task "do laundry" for tomorrow?
4. Chatbot: Ok, Sir. Would you also like to change the time for the task?
5. User: No, keep the time as it is.
6. Chatbot: Alright, Sir. I moved the task "do laundry" for tomorrow.
7. User: Ok, thank you.
8. Chatbot: Is there anything else I can do for you, Sir?
9. User: No, good bye Alfred
10. Chatbot: Good bye, Sir

#### **4. example - DELETE event**

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: There is the event, which was scheduled on this Friday. Its name should be "breakfast with The Queen". Could you please delete it?
4. Chatbot: Are you sure?
5. User: Yes.
6. Chatbot: All done, Sir.
7. User: Ok, thank you.
8. Chatbot: Is there anything else I can do for you, Sir?
9. User: No, good bye Alfred
10. Chatbot: Good bye, Sir

#### **5. example - CHANGE (repetition) of event**

1. User: Hello Alfred
2. Chatbot: Hello Martin, what can I do for you?
3. User: Alfred, I have planned some time ago that I would like to attend latino dance classes this Wednesday. I am going to actually attend these classes every week. Could you please set the event to be repeated every week?
4. Chatbot: Ok, Sir. Are there any other details that you would like to change in the event?
5. User: No.
6. Chatbot: Alright, all done, Sir.
7. User: Ok, thank you.
8. Chatbot: Is there anything else I can do for you, Sir?
9. User: No, good bye Alfred
10. Chatbot: Good bye, Sir