Exercises: 16.12.2019

Task 1
Specify a dialogue modelling approach which you think the best suited for the following tasks:

- Getting train timetable information
- Kitchen design consultant
- Psychotherapy

Task 2
Given the dialogue in [1] between a customer (C) and a travel agent (A), write a finite-state automation for a dialogue manager

(1) 1. C: I need to travel in May.
    2. A: And, what day in May did you want to travel?
    3. C: OK, uh, I need to be there for a meeting that’s from the 12th to the 15th.
    4. A: And you’re flying into what city?
    5. C: Seattle.
    6. A: And what time would you like to leave Pittsburgh?
    7. C: I need to arrive at Seattle around noon on the 12th.
    9. C: OK. Book this one for me
Task 3

Given the FSA in figure 1, write three possible dialogues, consider tasks from Task 1.
Abbildung 2: The frame structure for the OVIS system defined in Aust et al., 1994

Task 4

Given Figure in (2) write a possible dialogue exemplifying error handling strategies and grounding acts