Exercise 1  Coordination

(a) Draw an activity diagram for cash withdrawal from an cash machine (ATM).

(b) Draw a condition event net diagram for the above description of an ATM.

(c) Describe an event trace for the above condition event net.

(d) (Homework) Convert the above condition net diagram to a predicate transition network (Petri-net).

Exercise 2  Execution

(a) Draw a sequential interaction diagram for an airline booking website. Assume that the website consists of a client-side application and a server side.

(b) (Homework) Extend the above execution to include other modes of transport, viz. train, bus and rental cars.

   Hint: Remember to use the create() and destroy() methods where necessary.