SAE 2017 Project 1 (Part 2)

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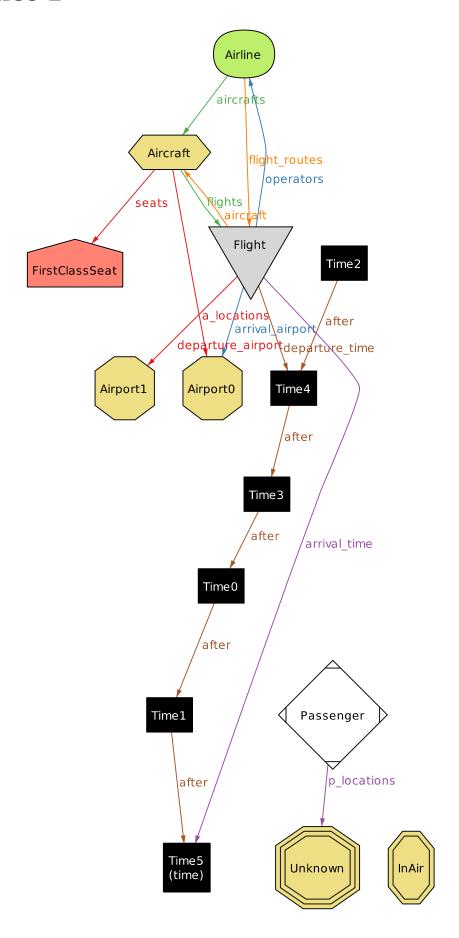
In paragraphs below we list instances which we were not able to produce in parts C and D of the project with a short explanation of why we deem the according instances not feasible within our model:

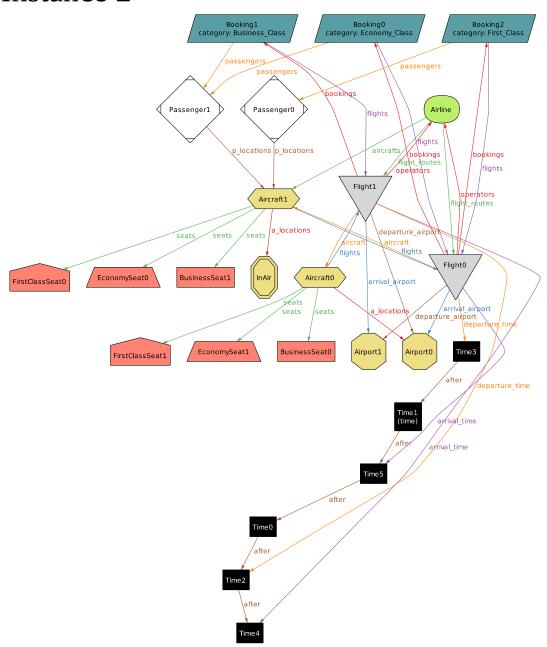
Task B.

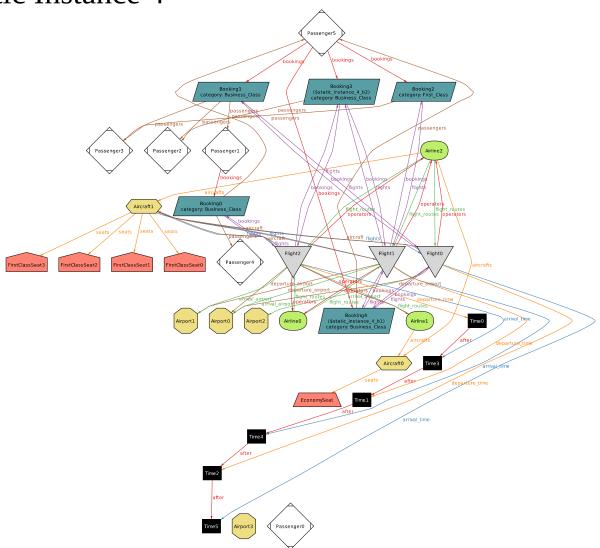
- Static instance 3: A round trip has three booked flights (with one passenger, one seat, two airports, and one airline); We consider this not possible since a round trip with 3 flights would imply a different first and last airport, which is a violation of the round trip definition.

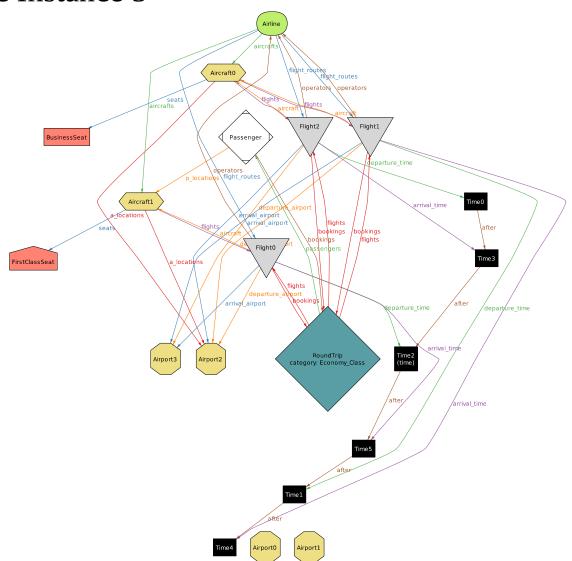
Task D.

- We were able to produce all three instances

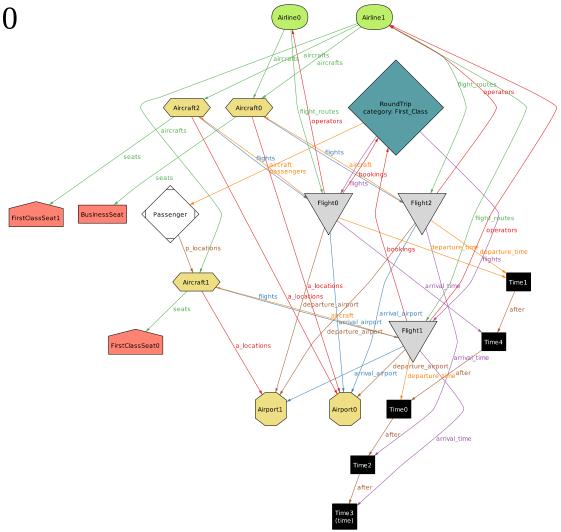








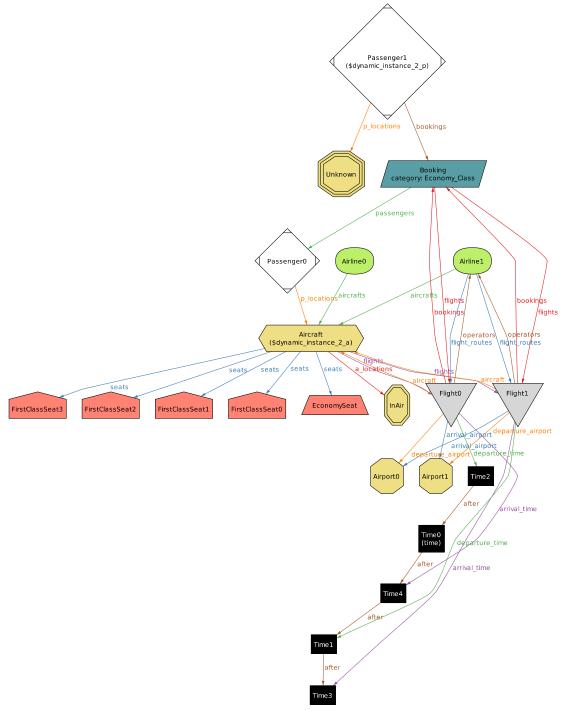
Dynamic Instance 1, State 0



Dynamic Instance 1, State 1 Airline1 Airline0 Passenger aircrafts p_locations flights Flight0 Flight2 Flight1 locations a_locations a_locations BusinessSeat FirstClassSeat1 FirstClassSeat0 arrival_airport Airport0 arrival_time

Time 2

Dynamic Instance 2



Dynamic Instance 3, State 0 RoundTrip category: Business Class , passengers Passenger1 (\$dynamic_instance_3_p1) Passenger0 (\$dynamic_instance_3_p2) Airline1 flights Flight1 EconomySeat BusinessSeat2 arrival_time

