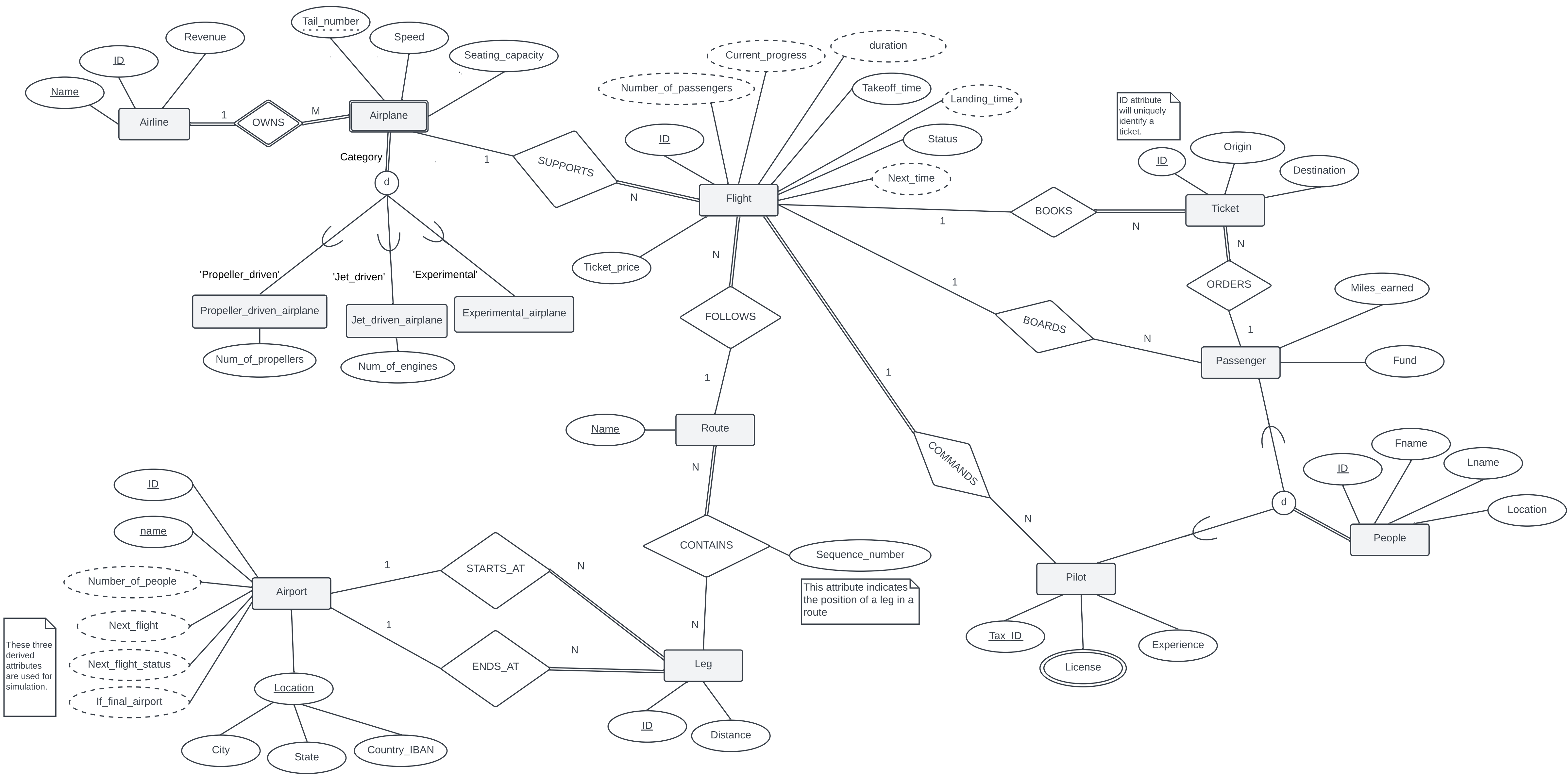


CS 4400 Simple Airline Management System (SAMS) Phase 1 Group 52



Assumptions

**Assumption 1**  
**Unclear description:** The description lacks clarity in defining the term "flight." Based on the provided data, it's evident that two passengers who paid the same fare for the same flight can disembark at different airports. This raises questions about whether the flight constitutes the smallest unit of a trip. Furthermore, it remains uncertain whether passengers have the option to board at different airports along the flight route.  
**How to resolve:** we assume that flight is the smallest unit of ticket purchase, but is not the smallest unit of a trip. If a flight travels through a number of legs, a passenger can opt to travel on only one leg or multiple consecutive legs.  
**How the decision impacted our design:** The main impact is that a ticket needs to be associated not only with a flight, but also with the origin and destination attributes of the trip, which may be different for different passengers.