Assumptions regarding excercise BrianAir 4a

EER

Booking - Seat price is derived from TotalPrice/amount of TicketNbrs.

Reservation and Booking - A booking can not exist without there being a reservation.

Traveller Superclass - All Bookings need at least one Contact. There may be multiple Passengers for each booking, but only one Contact so in case there is only one Passenger that passenger is also a Contact.

Weekday flight - The weekday flights' entity attributes are added to the Flight entities' attributes.

TicketNbr - Multiple valued because a booking needs to be able to contain multiple tickets. (multiple people on the same reservation)

WeeklySchedule - Each WeeklySchedule has a PriceFactor for a specific year.

Airport - Each route is between two airports meaning that each route will have one arrival and one departure airport.

Mapping of EER to Relational Diagram Information

In the relational diagram **<u>bold with underscore</u>** means it is a primary key. Being only <u>underscored</u> means it is a candidate key.