

Assumptions:

A day may not have any flights scheduled on it

Not all flights may have reservations for it

Multiple passengers can be associated with one reservation

Reservations are all or none, as in all passengers either get seats or waitlisted together

Not all passengers under a reservation may end up flying

Not all planes have repairs done

Not all technicians have done repairs

Not every location will have planned departures or destinations associated with it, but those with association must have a flight and day with it

A flight and day can only be associated with one pair of locations at a time

Ticket costs are fixed to flights only

Pilot requests for repairs do not necessarily lead to repairs being done

Not all pilots will requests for repairs and not all planes will have requests from pilots

