

## **UNHANDLED CONSTRAINTS**

- Ensure that a person is either a pilot or passenger, not both.
- Ensure that the number of pilots is in accordance with the minimum pilot requirements of the plane\_type.
  - o Ensure Airbus flights have at least one pilot.
  - o Ensure Boeing flights have at least two pilots.
- Ensure that a passenger pays the flight fare before boarding and funds are updated accordingly.
- Ensure that a passenger is boarding the flight in accordance with their vacation destination.
- Ensure that a passenger is not able to board a plane that it at full capacity (seat\_cap equals the count of passengers on that flight)
- Ensure that a passenger earns miles for the distance travelled after their flight is complete.
- Ensure that a pilot's experience is updated after completing a leg.
- Ensure that it is tracked if Boeing planes were serviced in the last month.
- Ensure that it is tracked if Airbus planes are the "neo" variant.
- Ensure that passengers are removed from the system when they have arrived at their destination.

Maybe:

- Ensure that pilots are marked as available for reassignment after their current route/flight has finished.