Checking for 3NF





The table **Pilot** is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key. There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table **Pilot** is in 3NF.

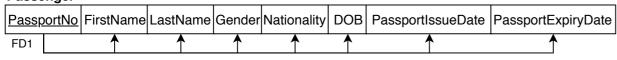
FlightAttendant



The table FlightAttendant is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key. There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table FlightAttendantis in 3NF.

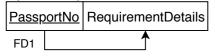
Passenger



The table **Passenger** is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key. There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table **Passenger** is in 3NF.

SpecialRequirements



The table SpecialRequirements is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.

There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table **SpecialRequirements** is in 3NF.

Minor



The table Minor is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.

There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table Minor is in 3NF.

Arrival



The table Arrival is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.

There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table **Arrival** is in 3NF.

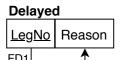
Departure

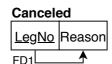


The table **Departure** is in 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.

There's only one functional dependency (FD1) and it's determinent is a super key.

Therefore the table **Departure** is in 3NF.





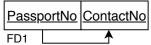
The tables **Delayed** and **Canceled** are in 2NF and they do not have any transitive functional dependencies.

All the non primary key attributes depends on the primary key.

The tables **Delayed** and **Canceled** each has a functional dependency called FD1 and it's determinent is a super key.

Therefore the table **Departure** is in 3NF.

Passenger_Contact_No



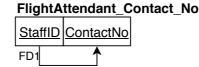
The table **Passenger Contact No** is in 2NF and it does not have any transitive functional dependencies.

The table **Passenger_Contact_No** has a functional dependency called FD1 and it's dependent is a prime attribute.

Therefore the table **Passenger_Contact_No** is in 3NF.

Pilot Contact No

StaffID ContactNo



The tables Pilot_Contact_No and FlightAttendant_Contact_No are in 2NF and they do not have any transitive functional dependencies.

The tables Pilot Contact No and FlightAttendant Contact No each has a functional dependency called FD1 and their dependents are prime attributes.

Therefore the tables Pilot Contact No and FlightAttendant Contact No are in 3NF.