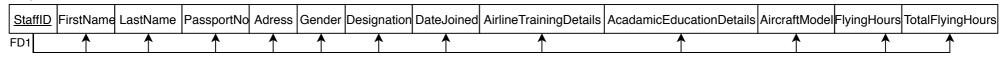
Checking for 2NF

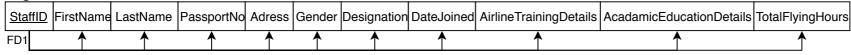




The table **Pilot** is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **Pilot** does not have any partial functional dependencies. Therefore it's in 2NF.

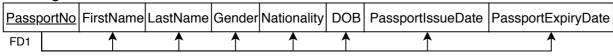
FlightAttendant



The table FlightAttendant is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **FlightAttendant** does not have any partial functional dependencies. Therefore it's in 2NF.

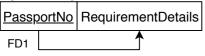
Passenger



The table **Passenger** is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **Passenger** does not have any partial functional dependencies. Therefore it's in 2NF.

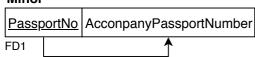
SpecialRequirements



The table **SpecialRequirements** is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **SpecialRequirements** does not have any partial functional dependencies. Therefore it's in 2NF.

Minor



The table Minor is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **Minor** does not have any partial functional dependencies. Therefore it's in 2NF.

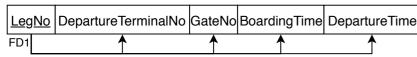
Arrival



The table **Arrival** is in 1NF.

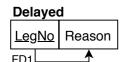
It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **Arrival** does not have any partial functional dependencies. Therefore it's in 2NF.

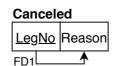
Departure



The table **Departure** is in 1NF.

It has a functional dependency which is FD1 and it is a full functional dependency because all the non primary key attributes depend on the primary key completely. The table **Departure** does not have any partial functional dependencies. Therefore it's in 2NF.



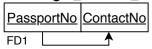


The tables **Delayed** and **Canceled** are in 1NF. They have functional dependencies FD1 in each. The functional dependencies of both tables are full functional dependencies be all the non primary key attributes of each table depends completely on the primary key of the respective table.

None of the tables have partial functional dependencies.

Therefore both tables are in 2NF.

Passenger_Contact_No



The table Passenger_Contact_No does not have non primary key attributes. They are already in 1NF.

Therefore the table **Passenger_Contact_No** is in 2NF





The tables Pilot Contact No and FlightAttendant Contact No do not have non primary key attributes. They are already in 1NF. Therefore both tables are in 2NF.

