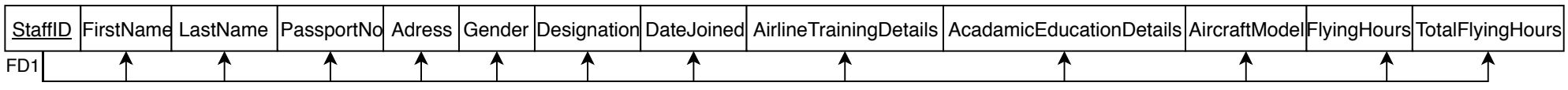
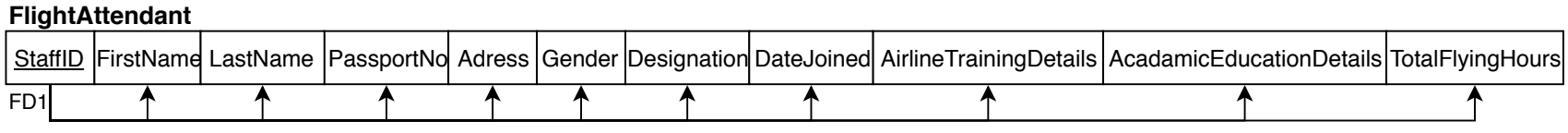
Checking for 3NF

Pilot



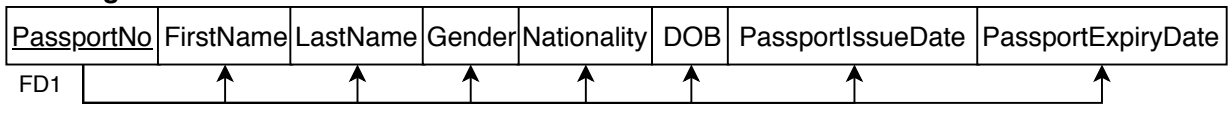
The table **Pilot** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **Pilot** is in 3NF.

FlightAttendant



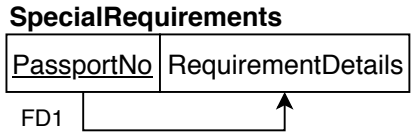
The table **FlightAttendant** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **FlightAttendant**is in 3NF.

Passenger



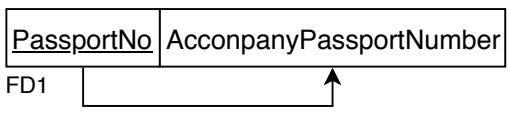
The table **Passenger** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **Passenger** is in 3NF.

SpecialRequirements



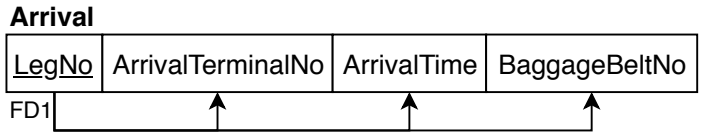
The table **SpecialRequirements** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary k
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **SpecialRequirements** is in 3NF.

Minor



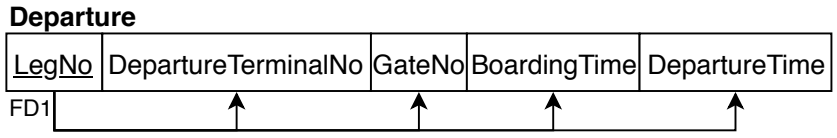
The table **Minor** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **Minor** is in 3NF.

Arrival



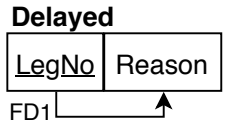
The table **Arrival** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **Arrival** is in 3NF.

Departure

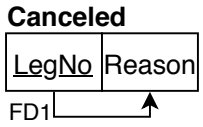


The table **Departure** is in 1NF and 2NF and it does not have any transitive functional dependencies and all the non primary key attributes depends on the primary key.
There's only one functional dependency (FD1) and it's determinent is a super key.
Therefore the table **Departure** is in 3NF.

Delayed

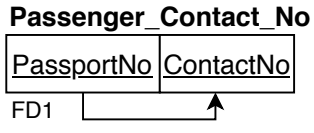


Canceled



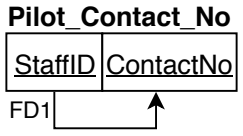
The tables **Delayed** and **Canceled** are in 1NF and 2NF and they do not have any transitive functional dependencies.
All the non primary key attributes depends on the primary key.
The tables **Delayed** and **Canceled** each has a functional dependency called FD1 and it's determinent is a super key.
Therefore the table **Departure** is in 3NF.

Passenger_Contact_No

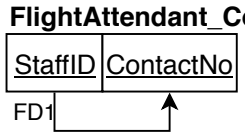


The table **Passenger_Contact_No** is in 1NF and 2NF and it does not have any transitive functional dependencies.
The table **Passenger_Contact_No** has a functional dependency called FD1 and it's dependent is a prime attribute.
Therefore the table **Passenger_Contact_No** is in 3NF.

Pilot_Contact_No



FlightAttendant_Contact_No



The tables **Pilot_Contact_No** and **FlightAttendant_Contact_No** are in 1NF and 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.

ey.