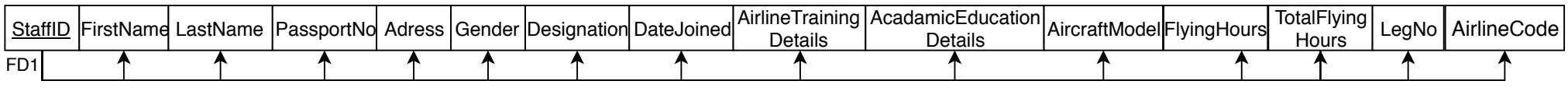
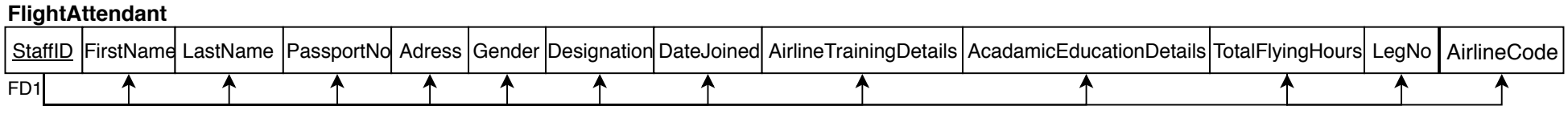
Checking for BCNF

Pilot



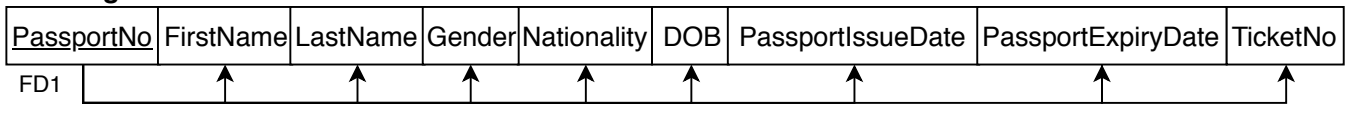
The table **Pilot** is in 3NF. It has a functional dependency FD1 and it's determinent which is StaffID is the super key of the table **Pilot**.
Therefore the table **Pilot** is in BCNF.

FlightAttendant



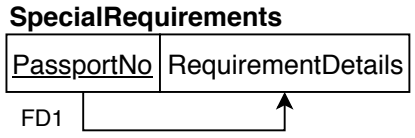
The table **FlightAttendant** is in 3NF. It has a functional dependency FD1 and it's determinent which is StaffID is the super key of the table **FlightAttendant**.
Therefore the table **FlightAttendant** is in BCNF.

Passenger



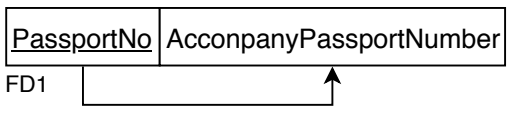
The table **Passenger** is in 3NF. It has a functional dependency FD1 and it's determinent which is PassportNo is the super key of the table **Passenger**.
Therefore the table **Passenger** is in BCNF.

SpecialRequirements



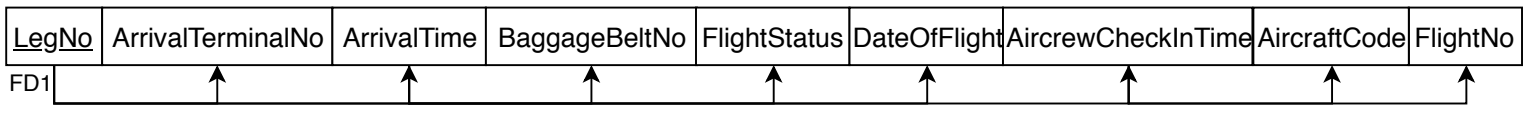
The table **SpecialRequirements** is in 3NF. It has a functional dependency FD1 and it's determinent which is PassportNo is the super key of the table **SpecialRequirements**.
Therefore the table **SpecialRequirements** is in BCNF.

Minor



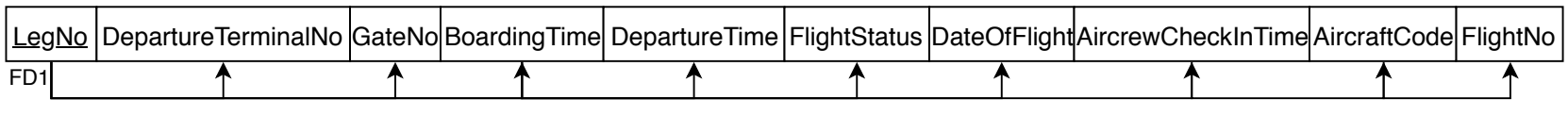
The table **Minor** is in 3NF. It has a functional dependency FD1 and it's determinent which is PassportNo is the super key of the table **Minor**.
Therefore the table **Minor** is in BCNF.

Arrival

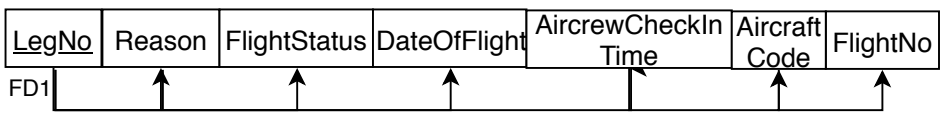


The table **Arrival** is in 3NF. It has a functional dependency FD1 and it's determinent which is LegNo is the super key of the table **Arrival**.
Therefore the table **Arrival** is in BCNF.

Departure

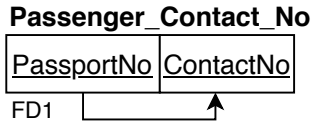


The table **Arrival** is in 3NF. It has a functional dependency FD1 and it's determinent which is LegNo is the super key of the table **Arrival**.
Therefore the table **Arrival** is in BCNF.



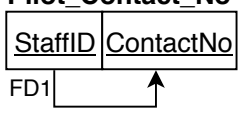
The tables **Delayed** and **Canceled** are in 3NF. Each of them has a functional dependency named FD1 and their determinents which is LegNo is the super key of the tables **Delayed** and **Canceled**.
Therefore both tables are in BCNF.

Passenger_Contact_No

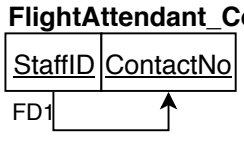


The table **Passenger_Contact_No** is in 3NF. It has a functional dependency named FD1 but it's determinent is not the super key of the table so the table **Passenger_Contact_No** is not in BCNF. But the table **Passenger_Contact_No** cannot be divided any further so it's not possible to normalise it to BCNF.

Pilot_Contact_No



FlightAttendant_Contact_No



The tables **Pilot_Contact_No** and **FlightAttendant_Contact_No** are in 3NF and each of them has a functional dependency named FD1 but it's determinent is not the super key the table it belongs. Therefore none of the tables are in BCNF. But none of the tables can be divided any further so it's not possible normalise them to BCNF.