Checking for 3NF

Provide_Services_Airline

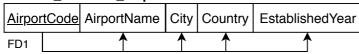


The table **Provide_Services_Airline** is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is <u>AirlineCode</u>.

It has a functional dependency named FD1 and it's determinent is the super key of the table.

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

Provide_Services_Airport

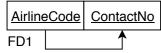


The table **Provide_Services_Airport** is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the primary key of the table which is <u>AirportCode</u>.

It has a functional dependency named FD1 and it's determinent is the super key of the table.

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

Airline_Contact_No

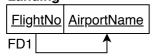


The table Airline_Contact_No is in 2NF. It doesn't have transitive dependencies.

It has a functional dependency named FD1 and it's dependent which is **ContactNo** is a prime attribute.

Therefore the table Airline_Contact_No is in 3NF.

Landing



The table **Landing** is in 2NF. It doesn't have transitive dependencies.

It has a functional dependency named FD1 and it's dependent which is AirportName is a prime attribute.

Therefore the table Landing is in 3NF.

Take_Off



The table Take_Off is in 2NF. It doesn't have transitive dependencies.

It has a functional dependency named FD1 and it's dependent which is <u>AirportName</u> is a prime attribute.

Therefore the table Take_Off is in 3NF.

Schedule_Days



The table **Schedule_Days** is in 2NF. It doesn't have transitive dependencies. All the non primary key attributes depend on the composite primary key of the table which is <u>FlightNo FlightDate</u>.

It has a functional dependency named FD1 and it's determinent is the super key of the table.

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