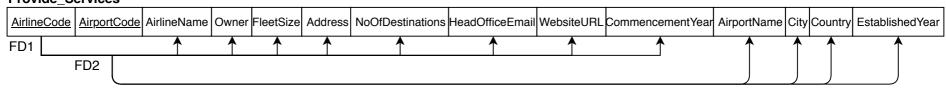
### Provide\_Services



The table **Provide Services** is in 1NF.

But, some of the non primary key attributes of the table **Provide\_Services** depends on AirlineCode.

Other non primary key attributes depends on AirportCode.

Therefore FD1 and FD2 are partial functional dependencies.

Therefore the table **Provide\_Services** is not in 2NF.

#### After Normalising to 2NF

### Provide\_Services\_Airline



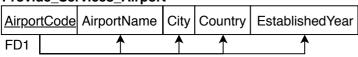
The newly created Provide\_Services\_Airline does not have composite or multivalued attributes and is not consisted of nested relations.

Therefore the table Provide\_Services\_Aitline is in 1NF.

The table Provide\_Services\_Airlines is not consisted of partial dependencies.

Therefore the table **Provide\_Services\_Airlines** is in 2NF.

## Provide\_Services\_Airport



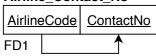
The newly created Provide\_Services\_Airport does not have composite or multivalued attributes and is not consisted of nested relations.

Therefore the table Provide\_Services\_Aitport is in 1NF.

The table Provide\_Services\_Airport is not consisted of partial dependencies.

Therefore the table **Provide\_Services\_Airport** is in 2NF.

#### Airline\_Contact\_No



The table Airline\_Contact\_No is in 1NF. It has no non primary key attributes.

It is already in 2NF

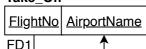
# Landing



The table **Landing** is in 1NF. It has no non primary key attributes.

It is already in 2NF

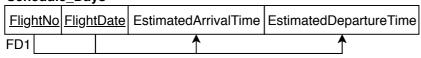
# Take\_Off



The table Take\_Off is in 1NF. It has no non primary key attributes.

It is already in 2NF

# Schedule\_Days



The table **Schedule\_Days** is already in 1NF.

All the non primary key attributes of the table **Schedule\_Days** depends on it's super key which is <u>FlightNo FlightDate</u>.

Therefore, the functional dependency (FD1) of the table **Schedule\_Days** is a full functional dependency.

There are no partial dependencies so the table Schedule\_Days is in 2NF