

Airport

R(Airport code, Country, Name), FD1: {Airport code} → {Country, Name}, FD2: {Country, Name} → {Airport code}.

FD1, FD2 candidate keys, and the table is in BCNF form.

Booking

R(Bnumber, Cnumber), FD1: {Bnumber} → {Cnumber}

FD1 is a candidate key and the table is in BCNF

Reservation

R(Total price, Number passengers, Reservation number, Fnumber), FD1: {Reservation number} → {Total price, Number passengers, Fnumber}

FD1 is the candidate key and the table is in BCNF.

Ticket

R(Ticket number, Bnumber, Pnumber), FD1: {Bnumber, Pnumber} → {Ticket}.

FD1 candidate key and the table is in BCNF form.

Payment details

R(First name, Last name, Card number), FD1: {Card number} → {First name, Last name}.

FD1 candidate key and the table is BCNF form.

Passenger

R(Passport number, fname, mname, lname), FD1 {Passport number} → {fname, mname, lname}

FD1 is a candidate key and the table is in BCNF.

Reservation member

R(Rnumber, Number), no functional dependencies?

Contact

R(Rid, Pid, E-mail, Phone number), FD1: {Rid, Pid} → {E-mail, Phone number}, FD2: {Rid} → {E-mail, Phone number}

FD1 is a superkey and FD2 is a candidate key and the table is in BCNF.

Route

R(Route price, Departure, Arrival), FD1: {Departure, Arrival} → {Route price}

FD1 Candidate keys and the table is in BCNF.

Weekly_schedule

R(Id, Year, Departure time, Arrival, Departure), FD1: {Id} → {Year, Departure time, Arrival, Departure}

FD1 is a candidate key and the table is in BCNF.

Weekday

R(Year, Weekday, Wfactor), FD1: {Year, Weekday} → {Wfactor}.

FD1 candidate key.

Weekfactor

R(id, weekday, year). No FDs?

Yearpricefactor

$R(\text{Year}, \text{Yfactor}), \text{FD1: } \{\text{Year}\} \rightarrow \{\text{Yfactor}\}$

FD1 is a candidate key and the table is in BCNF.

Flight

$R(\text{Flightnumber}, \text{Wid}), \text{FD1: } \{\text{Flightnumber}\} \rightarrow \{\text{Wid}\}.$

FD1 Candidate key and the table is in BCNF.