

Group 55 Names:
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Airports (Airport Id : char(30) primary key, Name : varchar(20), Country : char(20))

Airlines (Airline_ID : char(20) primary key, Name : varchar(20))

Flights (Flight Number : varchar(30) primary key, Days_of_week : varchar(50))

International (Flight Number : varchar(30) primary key, foreign key (Flight Number) references Flights)

Domestic (Flight Number : varchar(30) primary key, foreign key (Flight Number) references Flights)

Tickets (Ticket_ID : int primary key, class : varchar(30), Meal : varchar(50), Issue Date : Date, waitList : char, Seat No. : int, Account History : varchar(50))

One way (Ticket_ID : int primary key, foreign key (Ticket_ID) references Tickets)

Round Trip (Ticket_ID : int primary key, foreign key (Ticket_ID) references Tickets)

Flexible (Ticket_ID : int primary key, foreign key (Ticket_ID) references Tickets)

Person (Fname : char(20), Lname : char(20), Phone : int, Address : varchar(50), email : varchar(20), Account No. : int primary key)

Customer (Account No. : int primary key, preferences : char (20), foreign key (Account No.) references Person)

Employee (Account No. : int primary key, Employee_Id : int, foreign key (Account No.) references Person)

Admin (Account No. : int primary key, aid : int, foreign key (Account No.) references Person)

RELATIONSHIPS

Associates (Airline_ID : char(20), Airport_ID : char(30), primary key(Airline_ID, Airport_ID), foreign key (Airline_ID) references Airline on delete cascade, foreign key (Airport_ID) references Airport on delete cascade)

Departs_From(Airport_ID : char(30), Flight Number : varchar(30), primary key(Airport_ID, Flight Number), foreign key (Airport_ID) references Airport, foreign key (Flight Number) references Flight on delete cascade)

Arrives_At (Airport_ID : char(30), Flight Number : varchar(30), primary key(Airport_ID, Flight Number), foreign key (Airport_ID) references Airport, foreign key (Flight Number) references Flight on delete cascade)

Flight Operated (Flight Number : varchar(30), Airline_ID : char(30), primary key (Flight Number), foreign key (Airline_ID) references Airline Not NULL, foreign key (Flight Number) references Flight)

Aircraft_Owns (Aircraft No. : int, Airline_ID : char(30), primary key (Aircraft No.), foreign key (Aircraft No.) references Aircrafts, foreign key (Airline_ID) references Airline not NULL)

Uses (Aircraft No. : int, Flight Number : varchar(30), primary key(Aircraft No., Flight Number), foreign key(Aircraft No.) references Aircrafts, foreign key(Flight Number) references Flight)

HasFare (Flight Number : varchar(30), fare_id : char, total fare : float, purchased ticket : char(50), primary key (Flight Number) foreign key (Flight Number) references Flights, foreign key (fare_id) references fare not NULL)

Search_For (Account No. : int, Flight Number : varchar(30), primary key (Account No., Flight Number) foreign key (Account No.) references Person on delete cascade, foreign key (Flight Number) references Flight on delete cascade)

Book (Account No. : int, Ticket_ID : int, cid : int, Booking_No. : int, Booking Fee : float, primary key (Ticket_ID, cid), foreign key (Account No.) references Customer, foreign key (Ticket_ID) references Person not NULL)