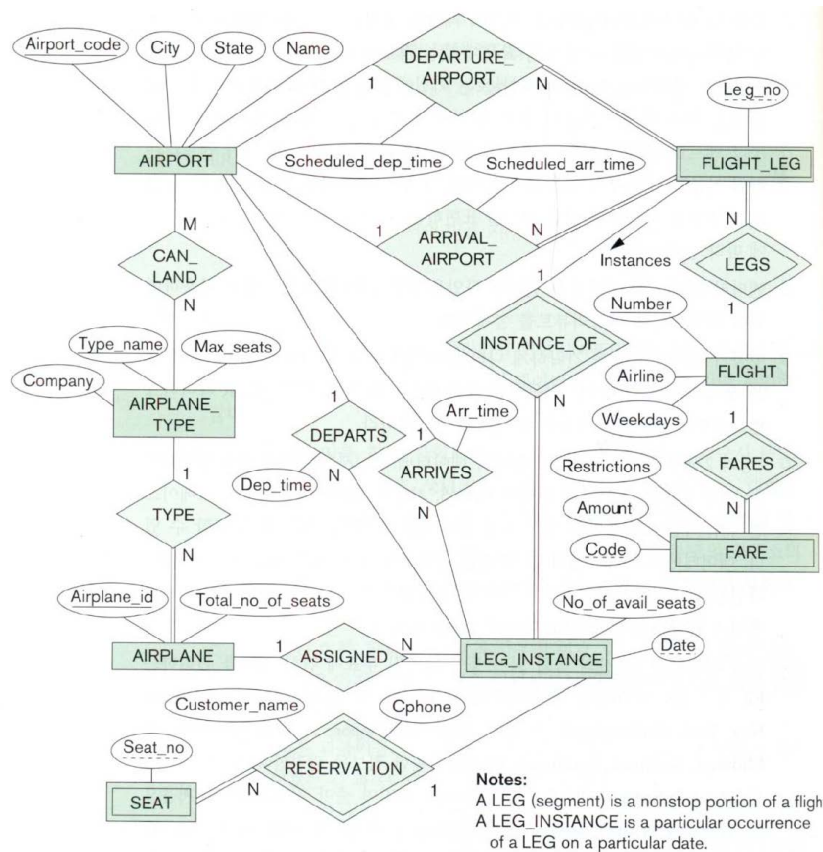


## E-R Diagram of Airplane Reservation System



### <Entities>

AIRPORT

Airport\_code / City / State / Name

AIRPLANE\_TYPE

Type\_name / Company / Max\_seats

AIRPLANE

Airplane\_id / Airplane Type name\*  
Total\_no\_of\_seats

FLIGHT

Number / Airline / Weekdays

FARE

Flight Number\* / Code+ / Restrictions / Amount

FLIGHT\_LEG

Flight Number\* / Leg No+  
Arrival\_Airport\_code\* / sche\_arr\_time  
Departure\_Airport\_code\* / sche\_dep\_time

LEG\_INSTANCE

Flight Number\* / Flight Leg no\* / Date+  
Arrives\_Airport\_code\* / Arr\_time  
Departs\_Airport\_code\* / Dep\_time  
Assigned\_Airplane\_Id\* / No\_of\_avail\_seats

SEAT

Flight Number\* / Flight Leg no\*  
Leg Instance Date\* / Seat no+  
Customer\_name / Customer\_phone

### <Relationship>

CAN\_LAND

Airport Code\* / Airplane Type Name\*

"\*" means ForeignKey and "+" means PartialKey