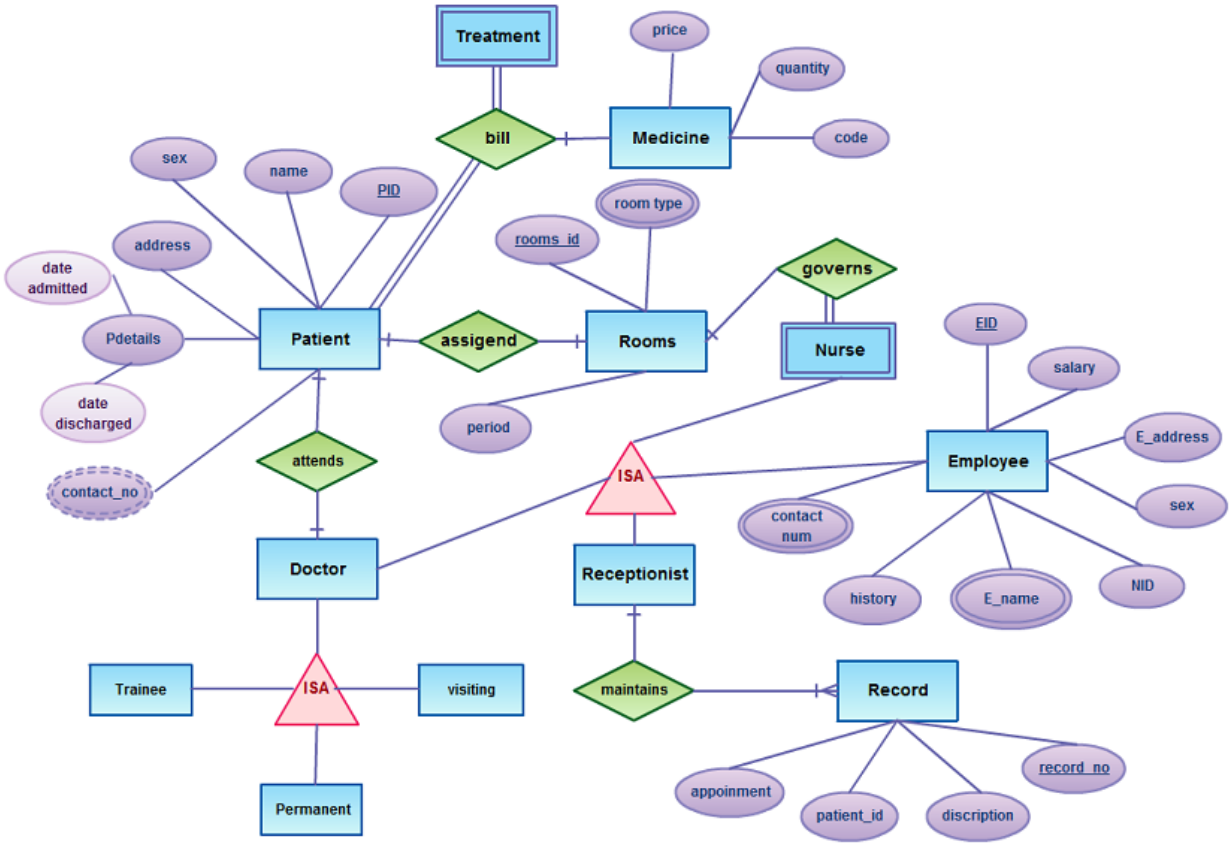
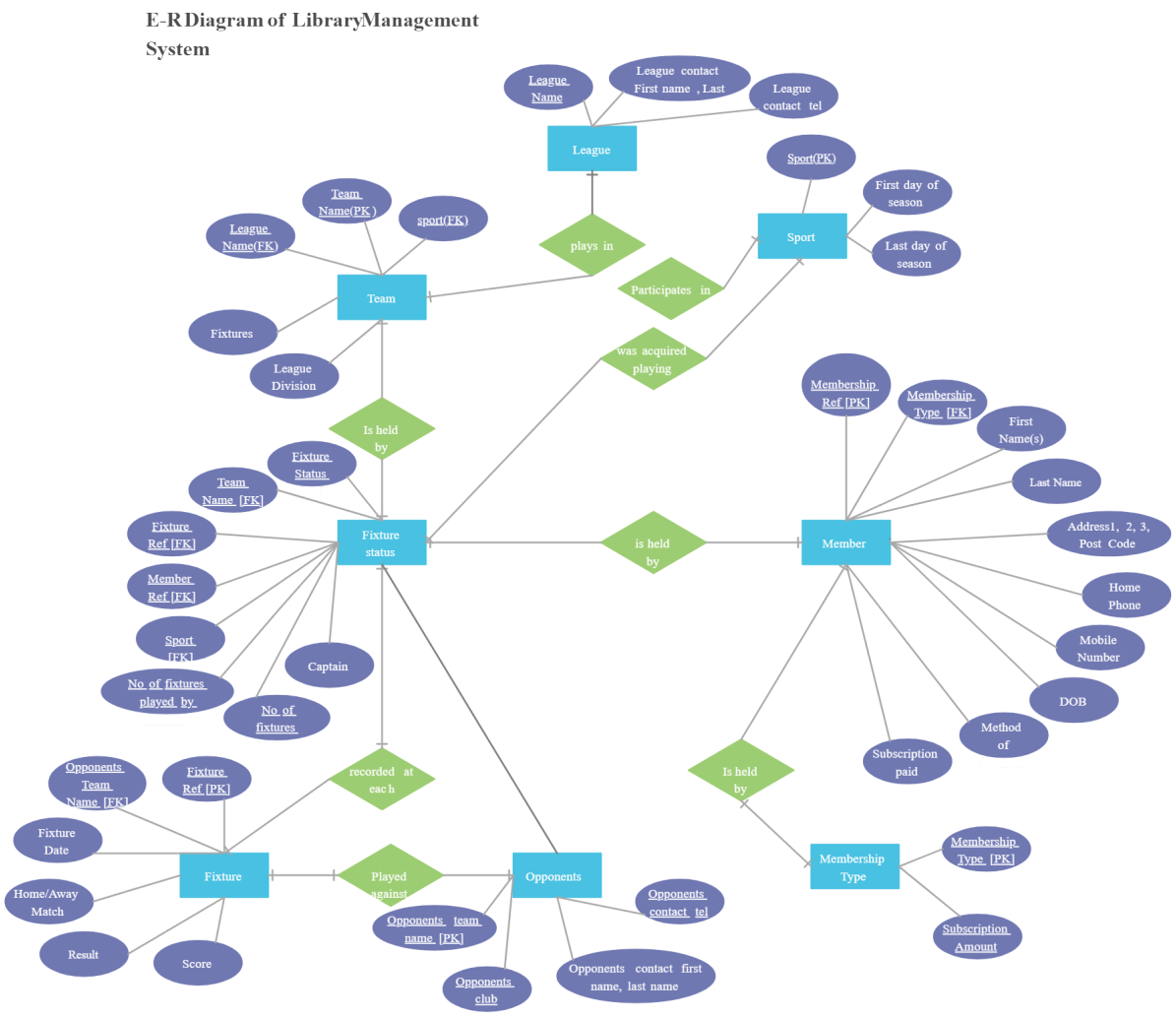
Final Project Samples

- Hotels Management DB

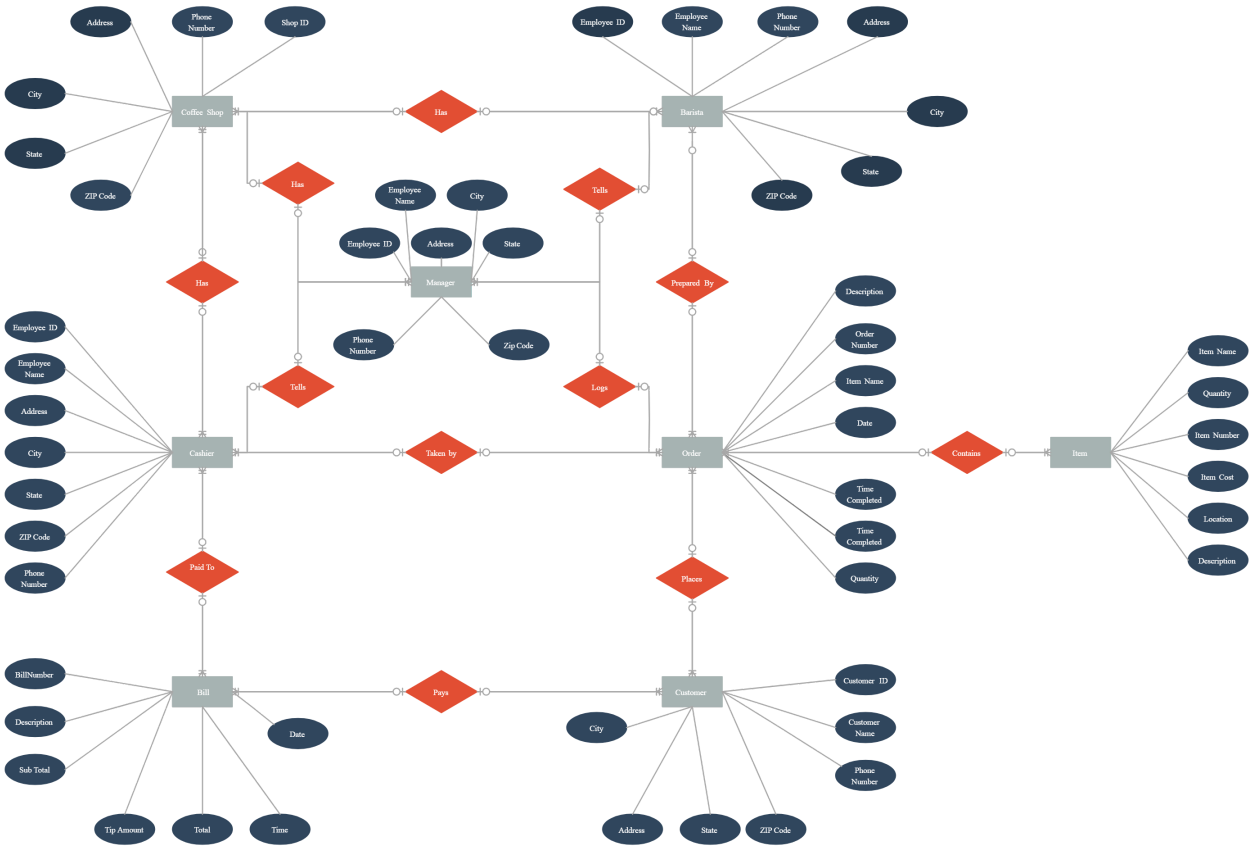
- Hospital ER D



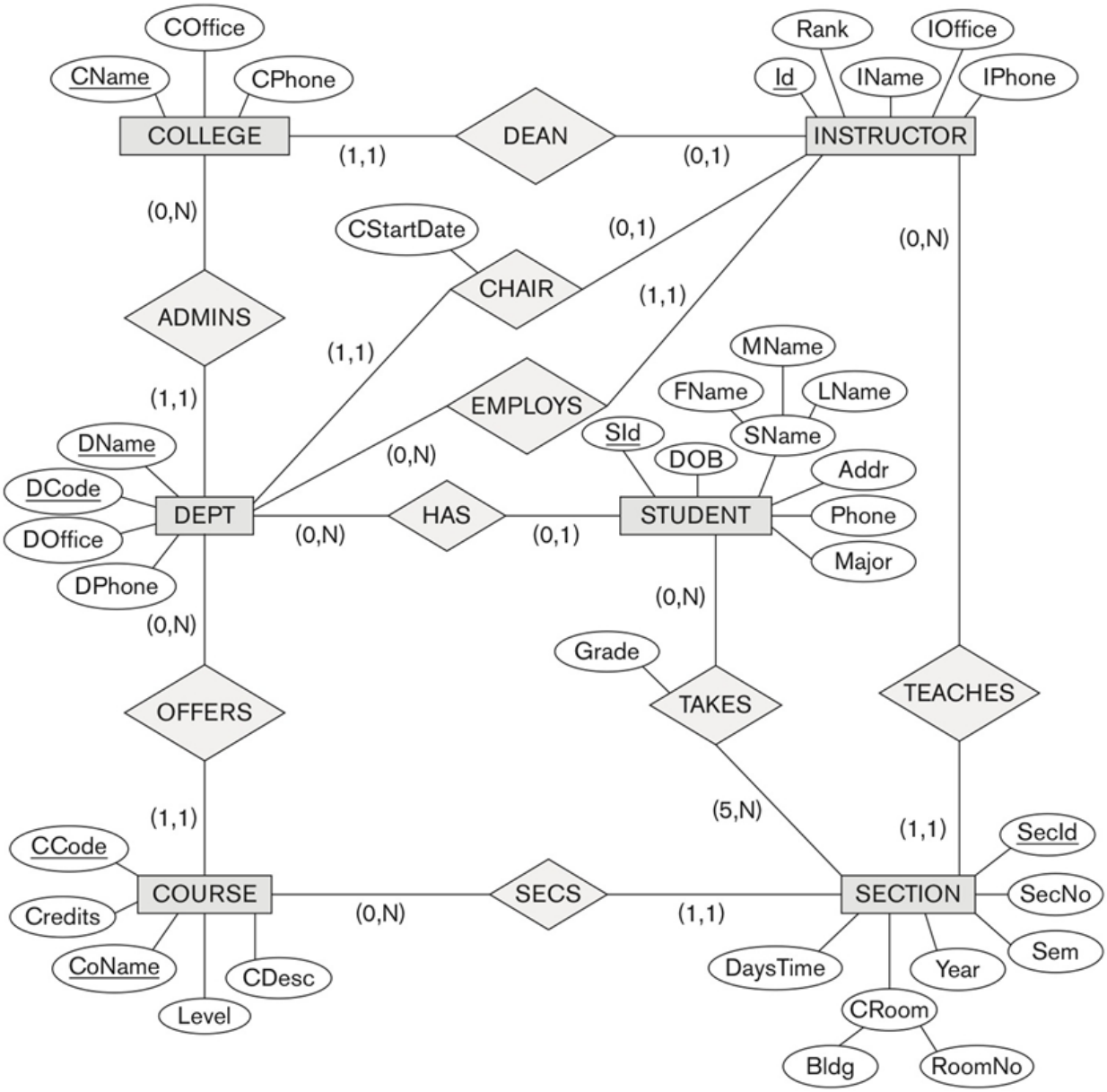
- Sports Club ER Diagram



- Coffee shop ER-D


Address
Phone Number
Shop ID
City
State
ZIP Code
Coffee Shop
Has
Barista
Employee ID
Employee Name
Phone Number
Address
City
State
ZIP Code
Has
Employee Name
City
Employee ID
Address
State
Manager
Phone Number
Zip Code
Tells
Has
Prepared By
Employee ID
Employee Name
Address
City
State
ZIP Code
Phone Number
Cashier
Tells
Logs
Taken by
Order
Description
Order Number
Item Name
Date
Time Completed
Time Completed
Quantity
Contains
Item
Item Name
Quantity
Item Number
Item Cost
Location
Description
Paid To
Places
BillNumber
Description
Sub Total
Bill
Pays
Customer
Customer ID
Customer Name
Phone Number
Date
Tip Amount
Total
Time
City
Address
State
ZIP Code

- University


COffice
CName
CPhone
COLLEGE
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DEAN
(0,1)
Rank
IOffice
Id
IName
IPhone
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(0,N)
CStartDate
(0,1)
CHAIR
(1,1)
(0,N)
ADMINS
(1,1)
(1,1)
MName
FName
LName
EMPLOYS
SId
SName
DOB
(0,N)
DName
DCode
DEPT
(0,N)
HAS
(0,1)
STUDENT
Addr
Phone
Major
DOffice
DPhone
(0,N)
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Grade
TAKES
TEACHES
OFFERS
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CCode
COURSE
(0,N)
SECS
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SECTION
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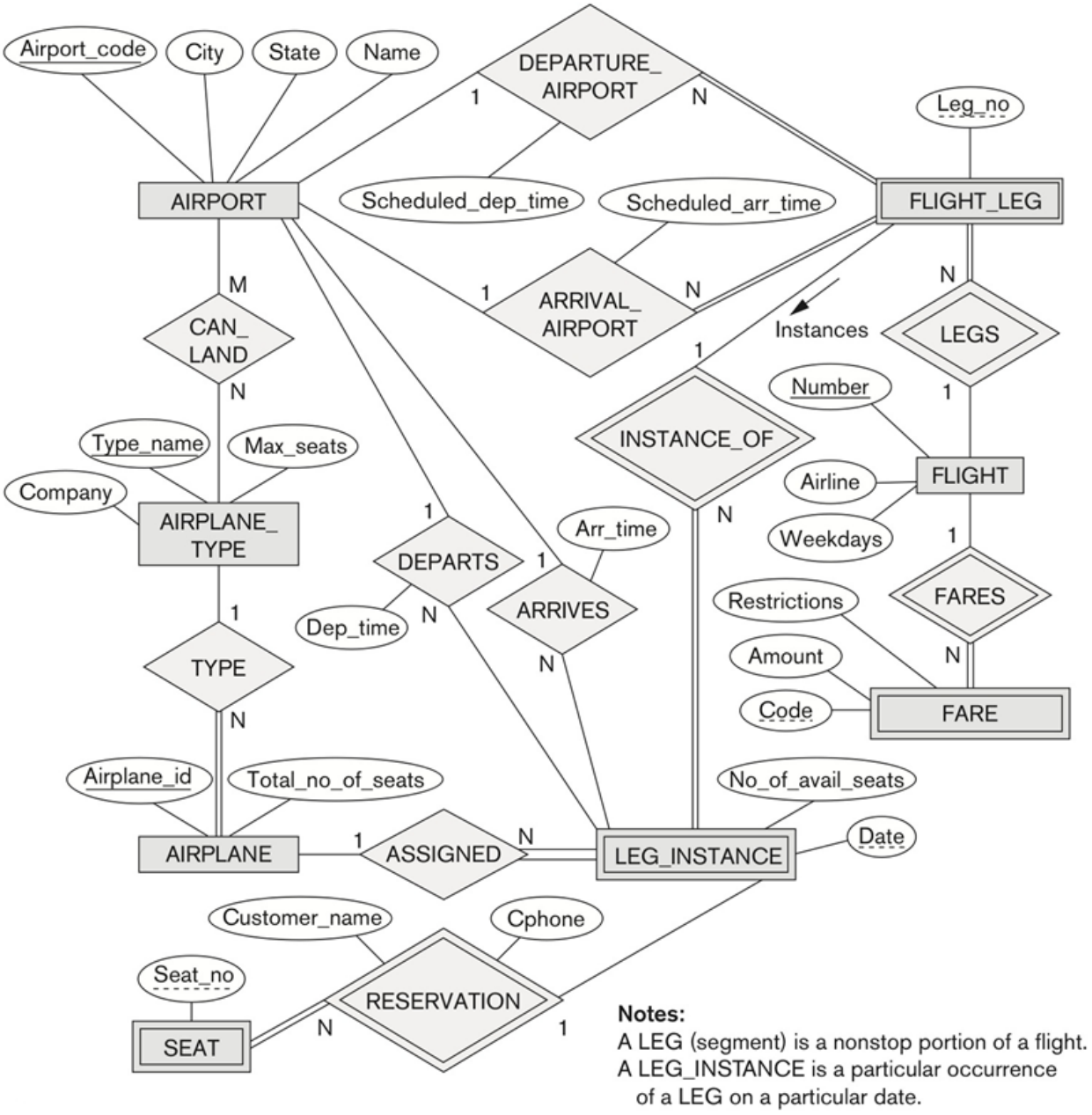
Credits
Sem
CoName
CDesc
DaysTime
Year
CRoom
Level
Bldg
RoomNo

- Airline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City
State
Name
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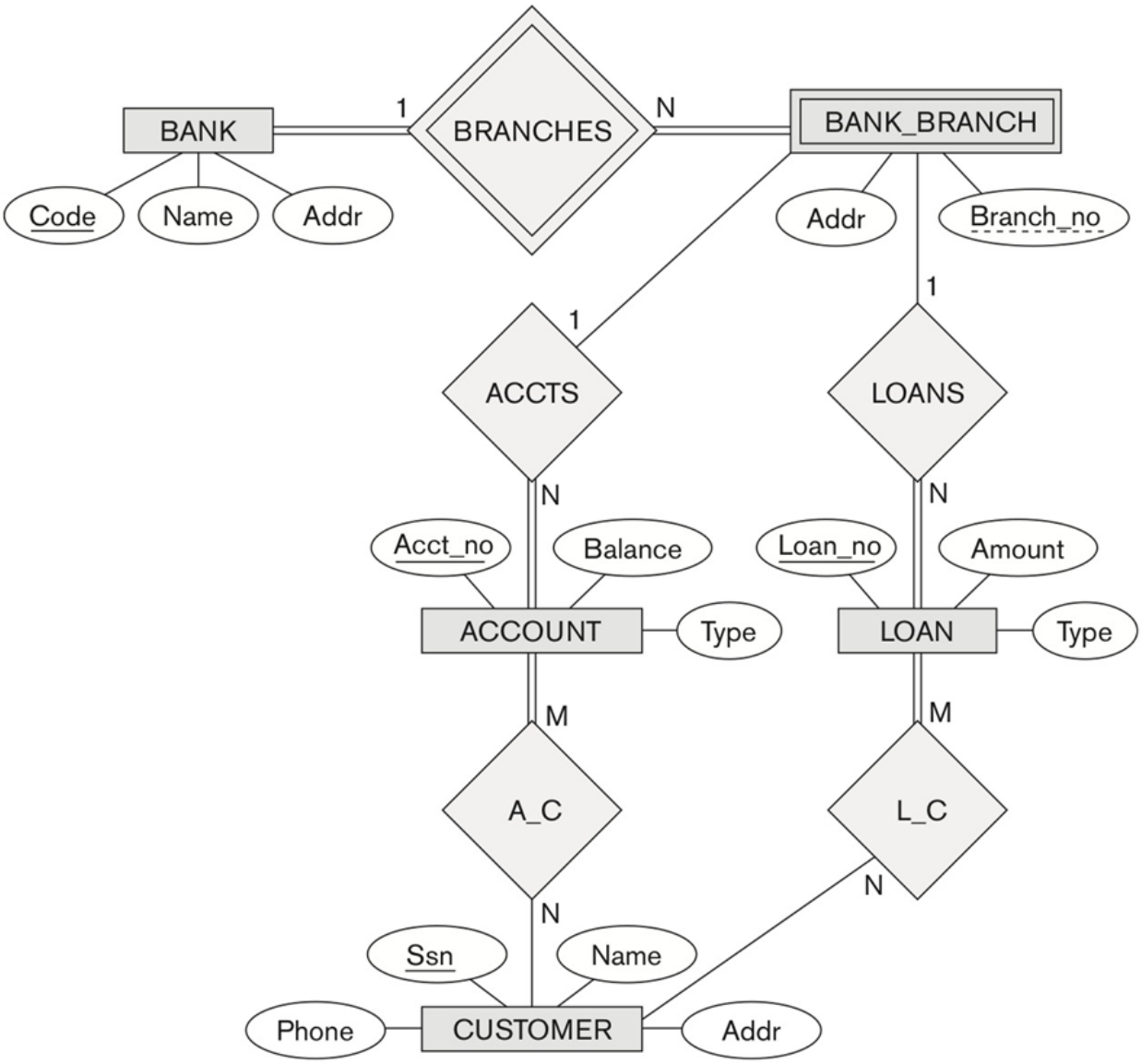
N
Leg_no
AIRPORT
Scheduled_dep_time
Scheduled_arr_time
FLIGHT_LEG
M
1
ARRIVAL_AIRPORT
N
N
CAN_LAND
Instances
LEGS
N
1
1
Number
INSTANCE_OF
Type_name
Max_seats
Airline
FLIGHT
Company
AIRPLANE_TYPE
1
Arr_time
N
Weekdays
1
DEPARTS
1
FARES
Restrictions
Dep_time
N
ARRIVES
1
Amount
N
TYPE
N
N
Code
FARE
Airplane_id
Total_no_of_seats
No_of_avail_seats
AIRPLANE
1
ASSIGNED
N
LEG_INSTANCE
Date
Customer_name
Cphone
Seat_no
RESERVATION
SEAT
N
1
Notes:
A LEG (segment) is a nonstop portion of a flight.
A LEG_INSTANCE is a particular occurrence of a LEG on a particular date.

- Bank


BANK
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BRANCHES
N
BANK_BRANCH
Code
Name
Addr
Addr
Branch_no
1
1
ACCTS
LOANS
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N
Acct_no
Balance
Loan_no
Amount
ACCOUNT
Type
LOAN
Type
M
M
A_C
L_C
N
N
Ssn
Name
Phone
CUSTOMER
Addr