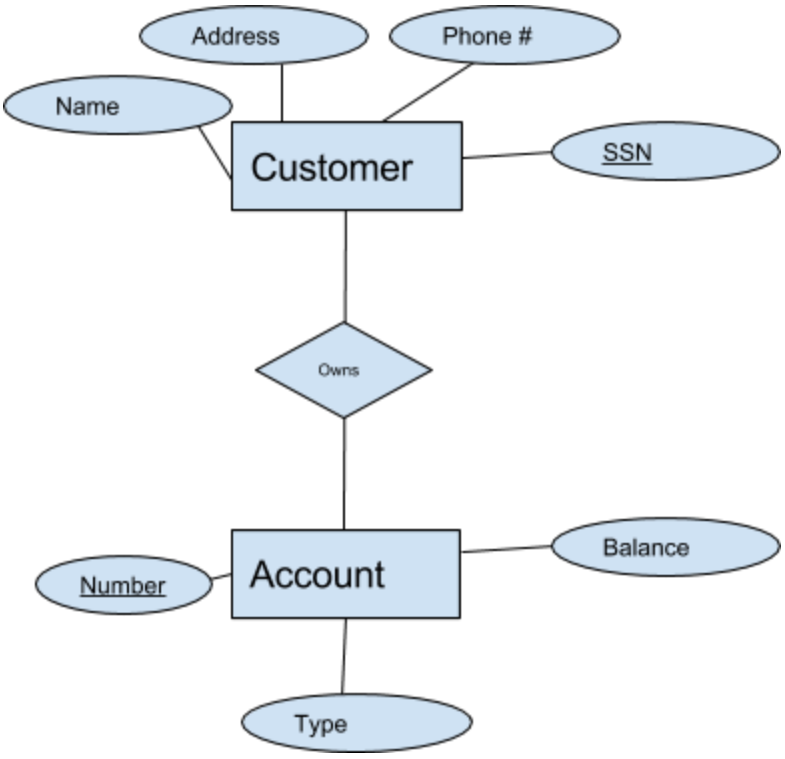
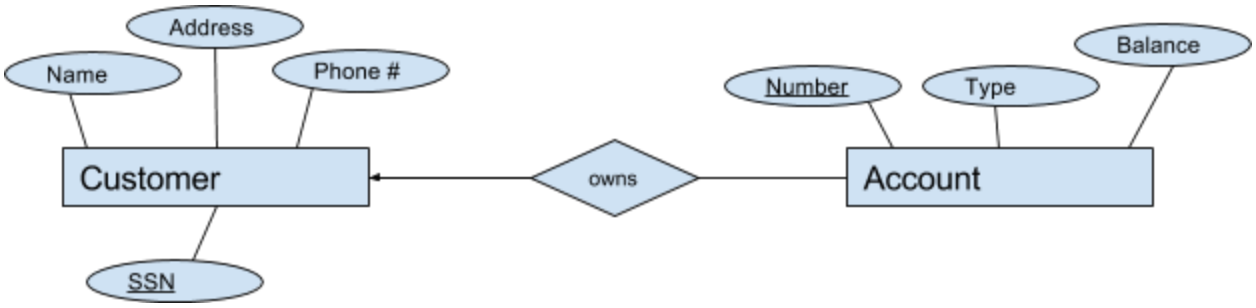
4.1.1

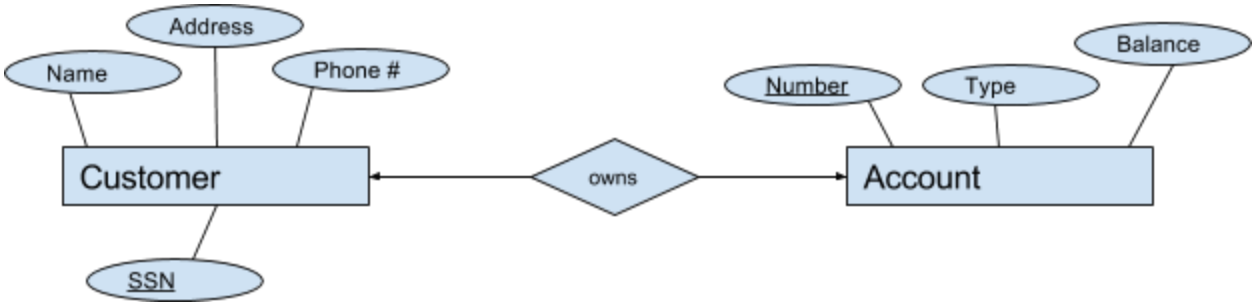

Address
Phone #
Name
Customer
SSN
Owns
Account
Balance
Number
Type

4.1.2

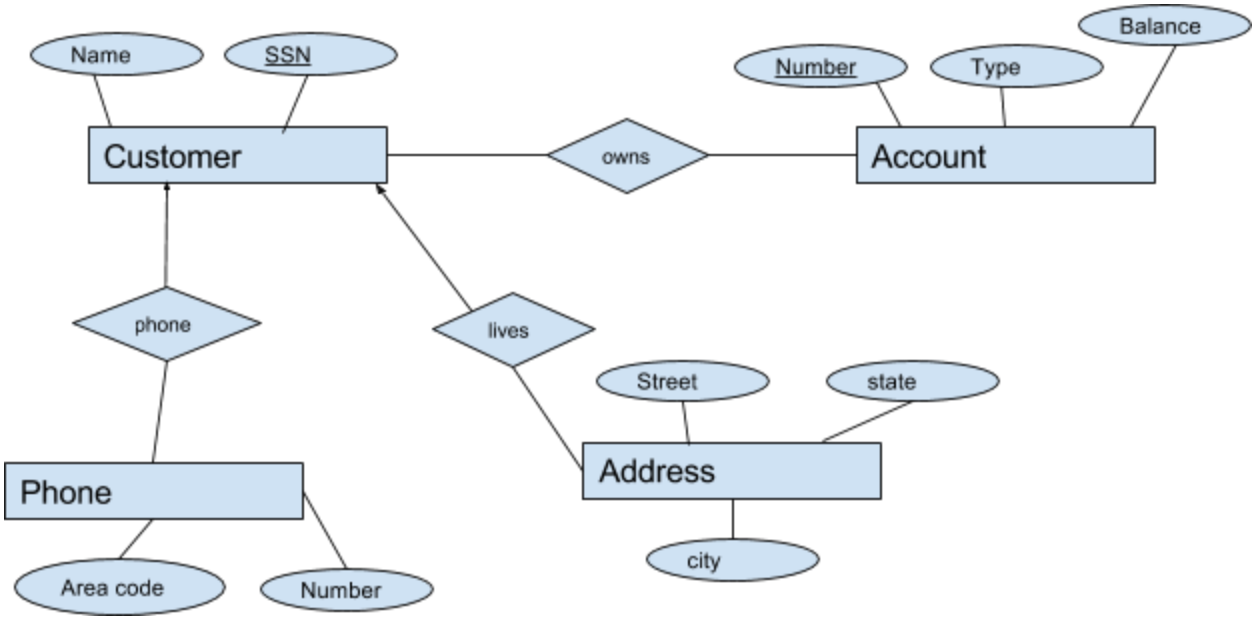
a)


Address
Name
Phone #
Balance
Number
Type
Customer
owns
Account
SSN

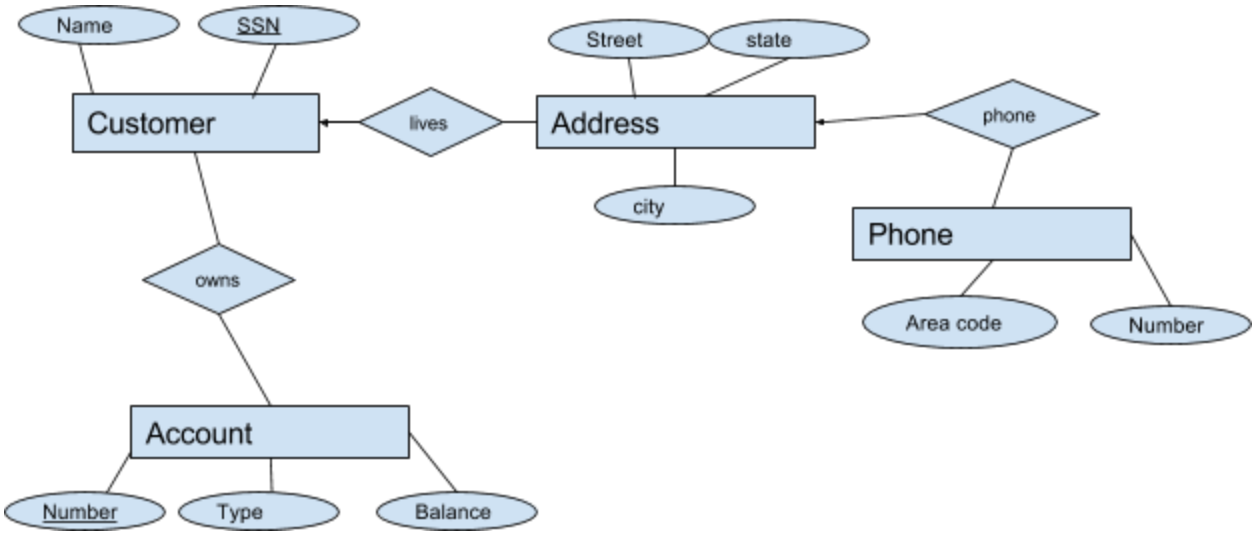
b)


Address
Name
Phone #
Balance
Number
Type
Customer
owns
Account
SSN

c)



d)



4.2.1

-What if the customer has more than one address and owns more than one home/ lives in two different places

-I would make the addresses many-to-many because what if someone moves or has a couple homes.

-AcctSets is not needed because each account is already unique for each of the customers.

4.5.1

Customers(SSN, Name, Address, Phone)
Flights(Number, Day, Aircraft)
Bookings(CustomerSSN, FlightNumber, FlightDay, row, seat)

4.6.1

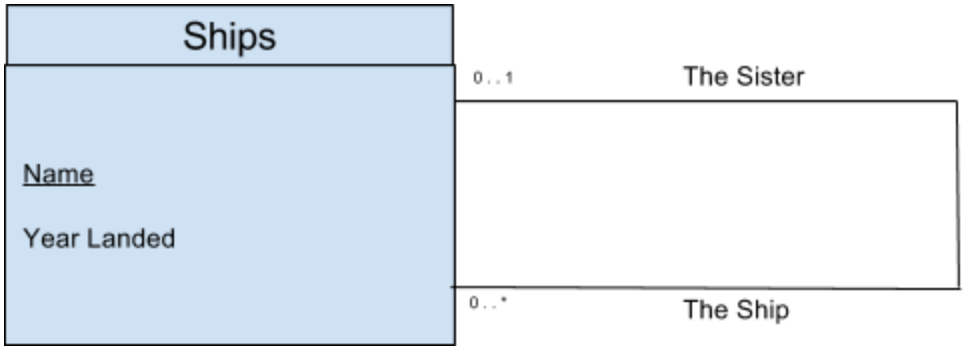
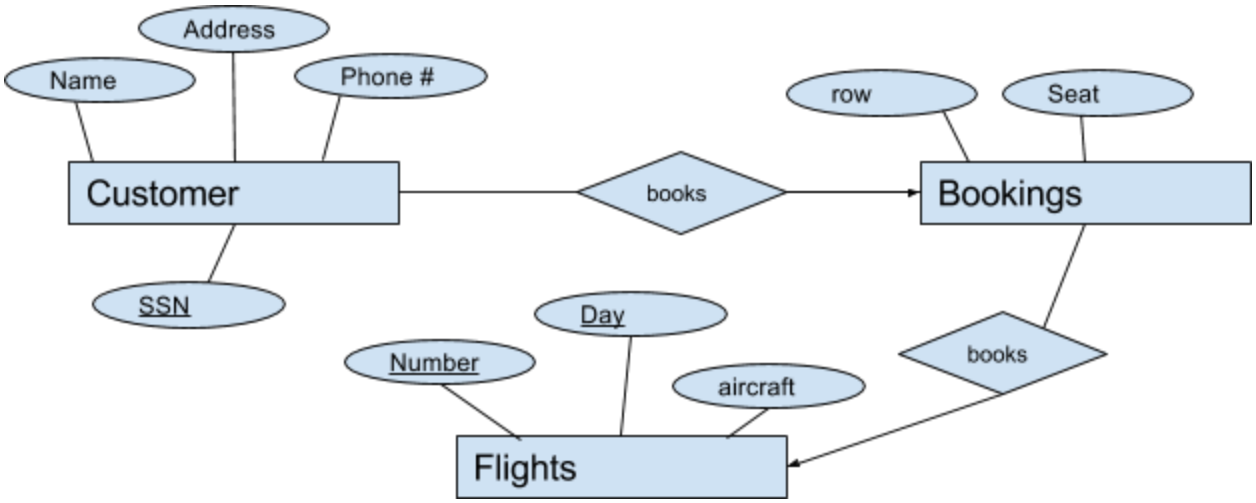
a) Depts(Name, chair)
Courses(Number,DeptName, room)
LabCourses(Number, DeptName, computer allocation)

b) Depts(Name, chair)
Courses(Number,DeptName, room)
LabCourses(Number, DeptName, room, computer allocation)

c) Depts(Name, chair)
Courses(Number,DeptName, room, computer allocation)

4.7.7

UML Diagram



4.8.1