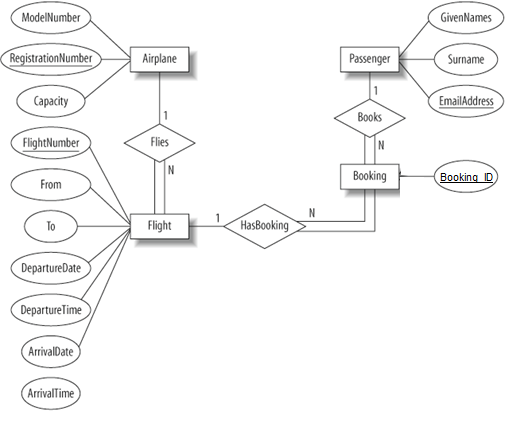
E-R Diagram mapping practice



# Task 1

Step1:

Airplane(RegisterationNumber, Capacity, ModelNumber)

Flight(FlightNumber, From, To, DepatureDate, DepartureTime, ArrivalDate, ArrivalTime)

Booking(Booking\_ID)

Passenger(EmailAddress, Surname, GivenNames)

Step2: 해당 없음

Step3: 해당 없음

Step4:

Flight(FlightNumber, From, To, DepatureDate, DepartureTime, ArrivalDate, ArrivalTime, FlightRegistrationNumber)

Booking(Booking\_ID, Booking\_FlightNumber, Booking\_EmailAddress)

Step5: 해당 없음

Step6: 해당 없음.

Step7: 해당 없음.

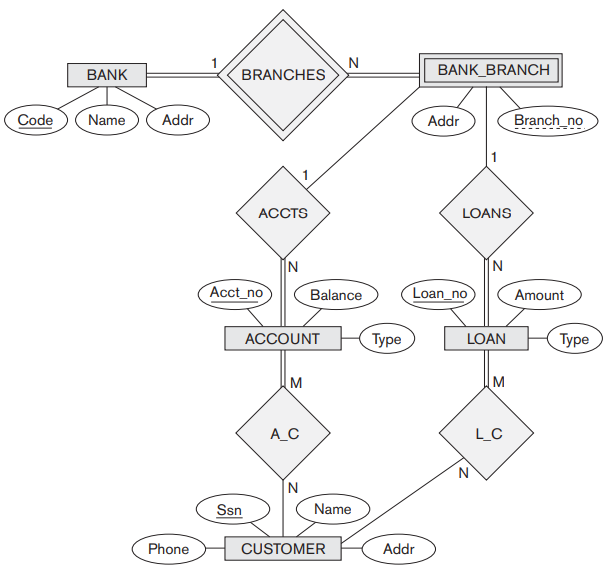
최종:

Airplane(RegisterationNumber, Capacity, ModelNumber)

Flight(FlightNumber, From, To, DepatureDate, DepartureTime, ArrivalDate, ArrivalTime, FlightRegistrationNumber)

Booking(Booking\_ID, Booking\_FlightNumber, Booking\_EmailAddress)

Passenger(EmailAddress, Surname, GivenNames)



# Task 2

Step1:

BANK(Code, Name, Addr)

BANK\_BRANCH(Branch\_no, Addr)

ACCOUNT(Acct\_no, Balance, Type)

LOAN(Loan\_no, Amount, Type)

CUSTOMER(Ssn, Name, Phone, Addr)

Step2:

BANK\_BRANCH(Acct\_no, Loan\_no, Branch\_no, Addr)

Step3: 해당 없음

Step4:

BANK\_BRANCH(Acct\_no, Loan\_no, Branch\_no, Addr, Bank\_Code)

ACCOUNT(Acct\_no, Balance, Type, Account\_Branch\_no)

LOAN(Loan\_no, Amount, Type, Loan\_Branch\_no)

Step5:

A\_C(Acct\_no, Ssn)

L\_C(Loan\_no, Ssn)

Step6: 해당 없음

Step7: 해당 없음

최종:

Bank(Code, Name, Addr)

Bank\_Branch(Acct\_no, Loan\_no, Branch\_no, Addr, Bank\_Code)

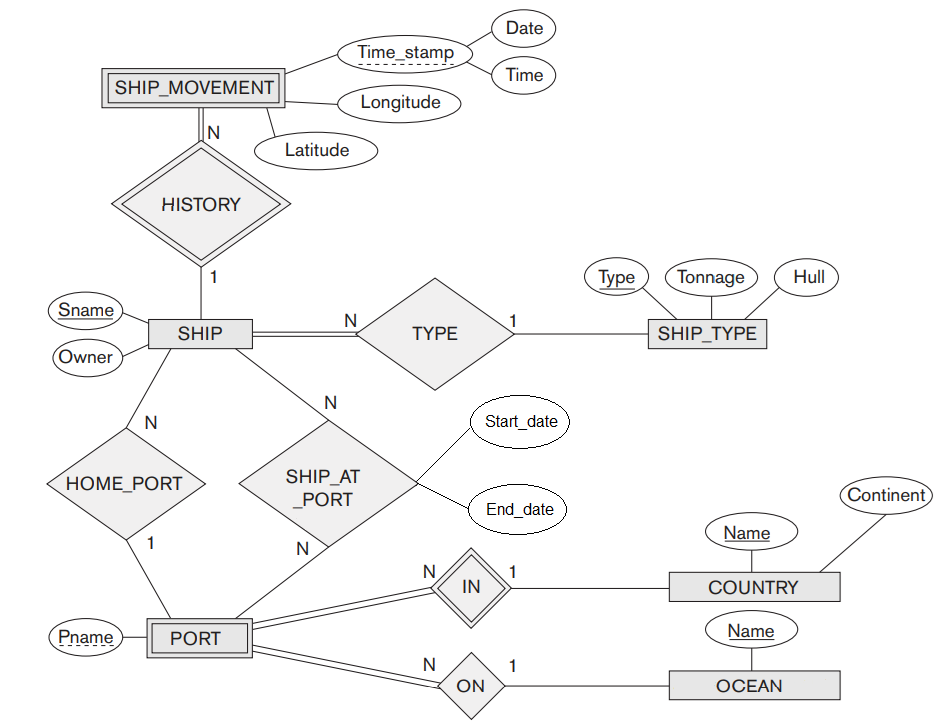
Account(Acct\_no, Balance, Type, Account\_Branch\_no)

Loan(Loan\_no, Amount, Type, Loan\_Branch\_no)

Customer(Ssn, Name, Phone, Addr)

A\_C(Acct\_no, Ssn)

L\_C(Loan\_no, Ssn)



# Task 3

Step1:

SHIP\_MOVEMENT(Date, Time, Longitude, Latitude)

SHIP(Sname, Owner)

PORT(Pname)

SHIP\_TYPE(Type, Tonnage, Hull)

COUNTRY(Name, Continent)

OCEAN(Name)

Step2:

SHIP\_MOVEMENT(Sname, Date, Time, Longitude, Latitude)

PORT(Sname, COUNTRYName, OCEANName, Pname)

Step3: 해당 없음

Step4:

SHIP\_MOVEMENT(Sname, Date, Time, Longitude, Latitude, SHIP\_Sname)

SHIP(Sname, Owner, SHIP\_Pname, SHIP\_TYPE\_Type)

PORT(Sname, COUNTRYName, OCEANName, Pname, COUNTRY\_Name, OCEAN\_Name)

Step5:

SHIP\_AT\_PORT(Sname, Pname, COUNTRYName, OCEANName, Start\_date, End\_date)

Step6: 해당 없음

Step7: 해당 없음

최종:

SHIP\_MOVEMENT(Sname, Date, Time, Longitude, Latitude, SHIP\_Sname)

SHIP(Sname, Owner, SHIP\_Pname, SHIP\_TYPE\_Type)

PORT(Sname, COUNTRYName, OCEANName, Pname, COUNTRY\_Name, OCEAN\_Name)

SHIP\_TYPE(Type, Tonnage, Hull)

COUNTRY(Name, Continent)

OCEAN(Name)

SHIP\_AT\_PORT(Sname, Pname, COUNTRYName, OCEANName, Start\_date, End\_date)