

1. relation scheme

1.1 Entity relations :

Book (Bid, Title, Pname*NN)

Author (Aname, Addr, Phone)

Publisher (Pname, Addr, Phone)

Library (Lid, Name, Addr)

Borrower (Card_no, Name, Addr, Phone)

1.2 Entity relations (existential dependency) : 없음

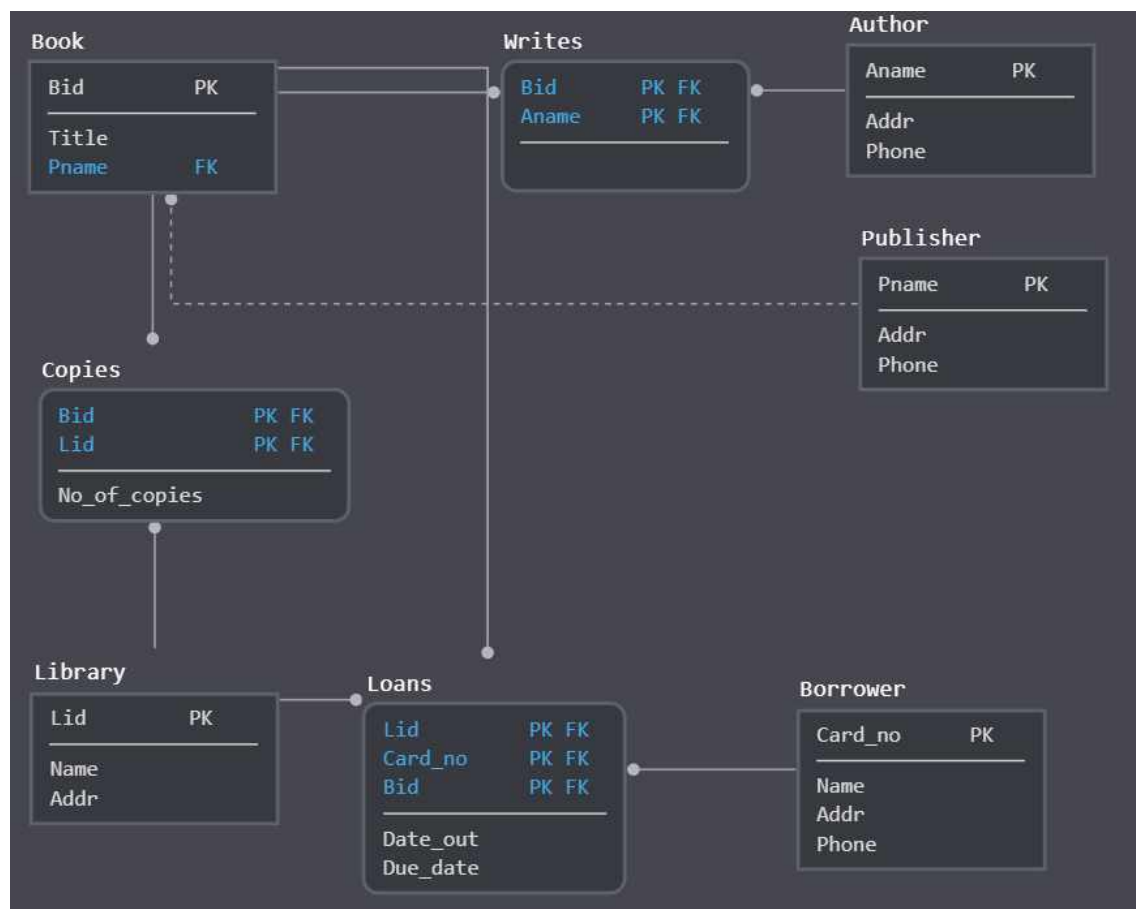
1.3 Relationship relations :

Writes (Bid*, Aname*)

Copies (Bid*, Lid*, No_of_copies)

Loans (Lid*, Card_no*, Bid*, Date_out, Due_date)

1.4 attribute relations : 없음



2. relation scheme

2.1 Entity relations :

Bank (Code, Name, Addr)

Account (Acct_no, Balance, Type, Code*NN, Branch_no*NN)

Loan (Loan_no, Amount, Type, Code*NN, Branch_no*NN)

Customer (Ssn, Name, Phone, Addr)

2.2 Entity relations (existential dependency) :

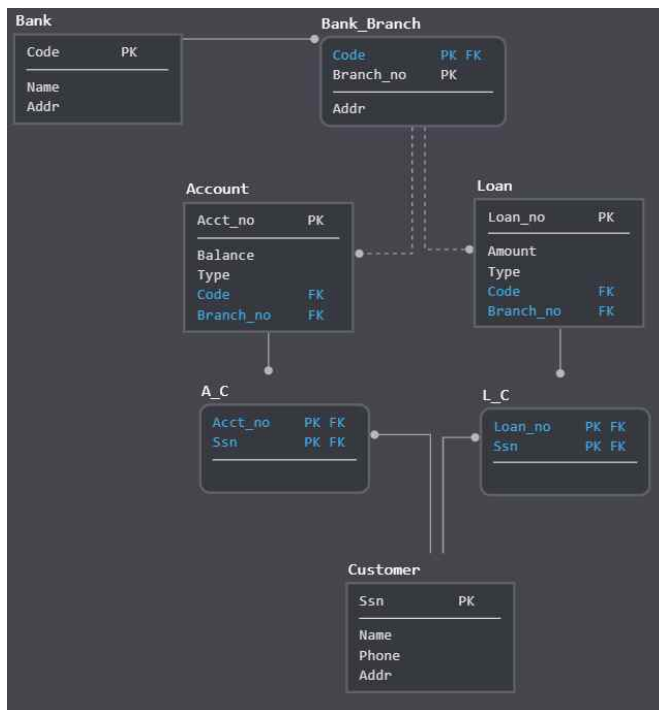
Bank_Branch (Code*, Branch_no, Addr)

2.3 Relationship relations :

A_C (Acct_no*, Ssn*)

L_C (Loan_no*, Ssn*)

2.4 attribute relations : 없음



3. relation scheme

3.1 Entity relations :

Ship (Sname, Owner, Type*NN, Pname*, State/Country_Name*)

Ship_Type (Type, Tonnage, Hull)

State/Country (Name, Continent)

Sea/Ocean/Lake (Name)

3.2 Entity relations (existential dependency) :

Ship_Movement (Date, Time, Sname*, Longitude, Latitude)

Port (Pname, State/Country_Name*, Sea/Ocean/Lake_Name*NN)

Port_Visit (Start_date, Sname*, Pname*, State/Country_Name*, End_date)

3.3 Relationship relations :

Ship_At_Port (Sname*, Pname*, State/Country_Name*, Start_date*)

3.4 attribute relations : 없음

