

3.15

Foreign Keys:

Trip Relation → Ssn

Expense Relation → Trip_Id

3.16

Foreign Keys:

Enroll Relation → Ssn, Course_Id

Book_Adoption → Course_Number + Quarter, Book_Isbn

9.4

Ship(Sname, Owner, Type, Home_Pname, Ship_at_Pname)

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

Port(Pname, State_Name, Water_Body_Name)

Ship_Type(Type, Tonnage, Hull)

Port_Visit(Sname, Start_Date, Pname, End_Date)

State/Country(Name, Continent)

Sea/Ocean/Lake(Name)

Primary Keys & Foreign Keys

Ship → Sname, Type, Home_Pname, Ship_at_Pname

Ship_Movement → Sname, Time_Stamp

Port → Pname, State_Name, Water_Body_Name

Ship_Type → Type

Port_Visit → Sname, Start_Date, Pname

State/Country → Name

Sea/Ocean/Lake → Name

9.5

Bank(Code, Name, Addr)

Bank_Branch(Addr, Branch_no, Code)

Account(Acct_no, Balance, Type, Ssn, Branch_no, Code)

Customer(Ssn, Phone, Name, Addr)

Loan(Loan_no, Ssn, Amount, Type, Branch_no, Code)

Primary Keys & Foreign Keys

Bank → Code

Bank_Branch → Branch_no, Code

Account → Acct_no, Ssn, Branch_no, Code

Customer → Ssn

Loan → Loan_no, Ssn, Branch_no, Code