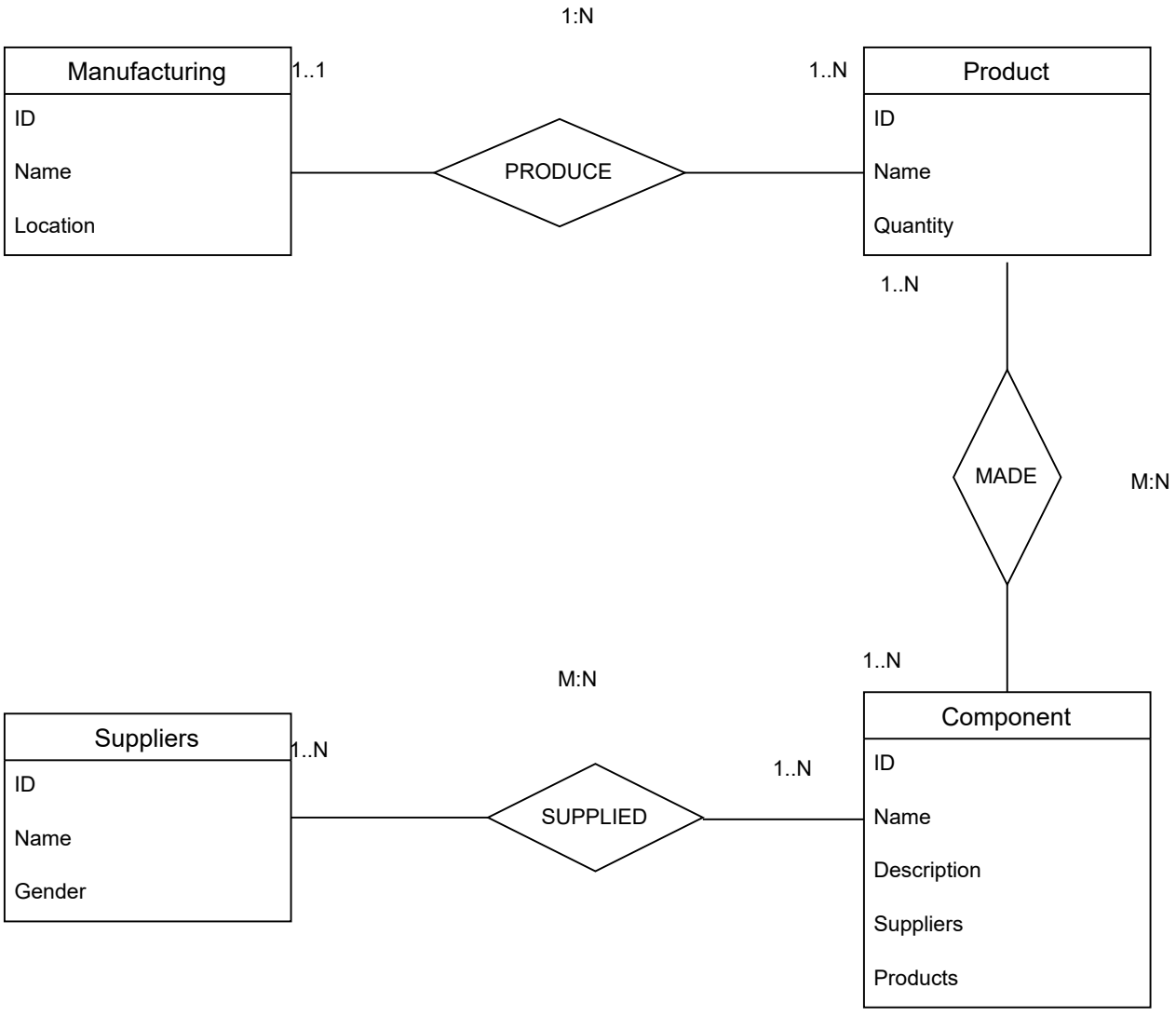
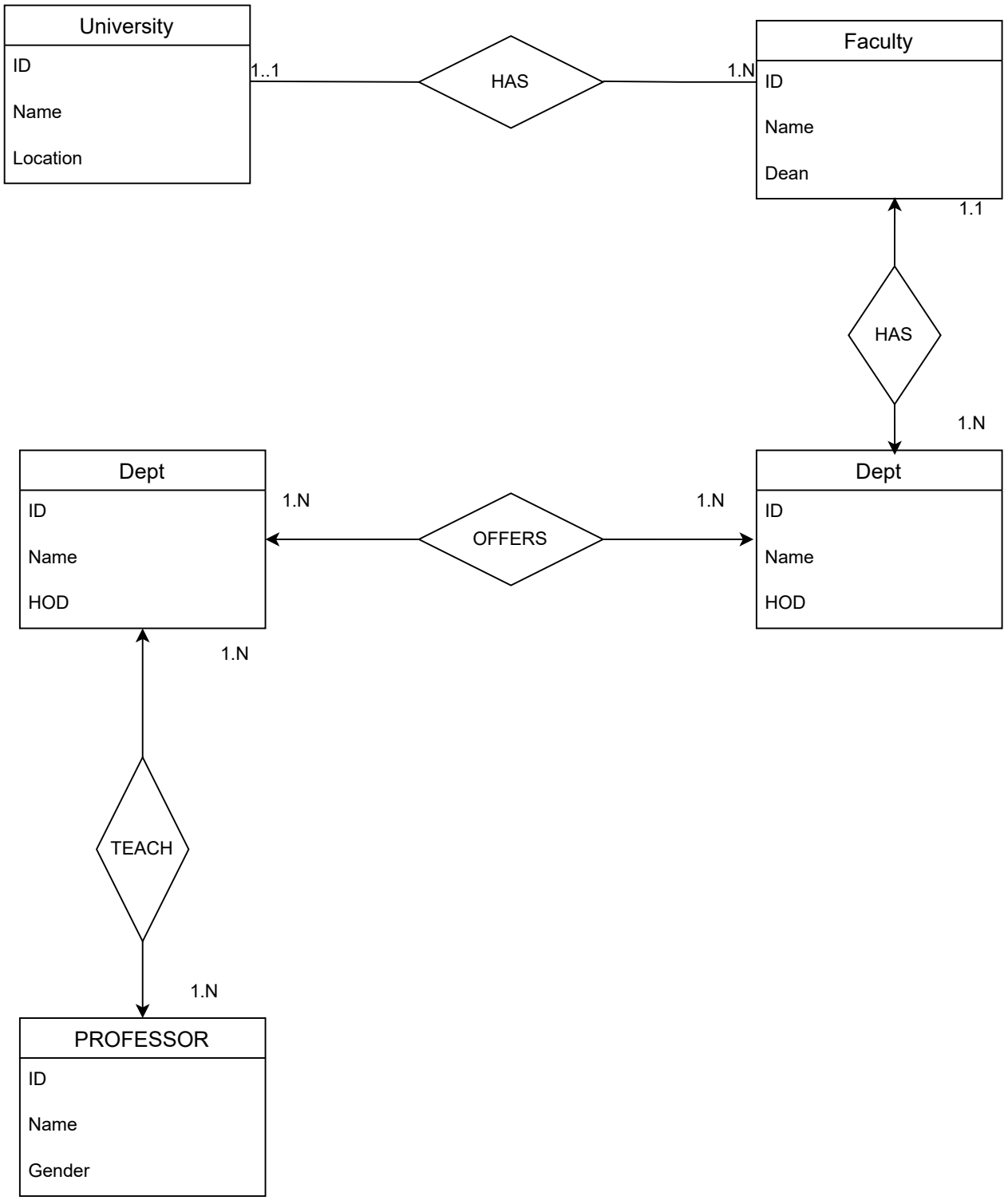
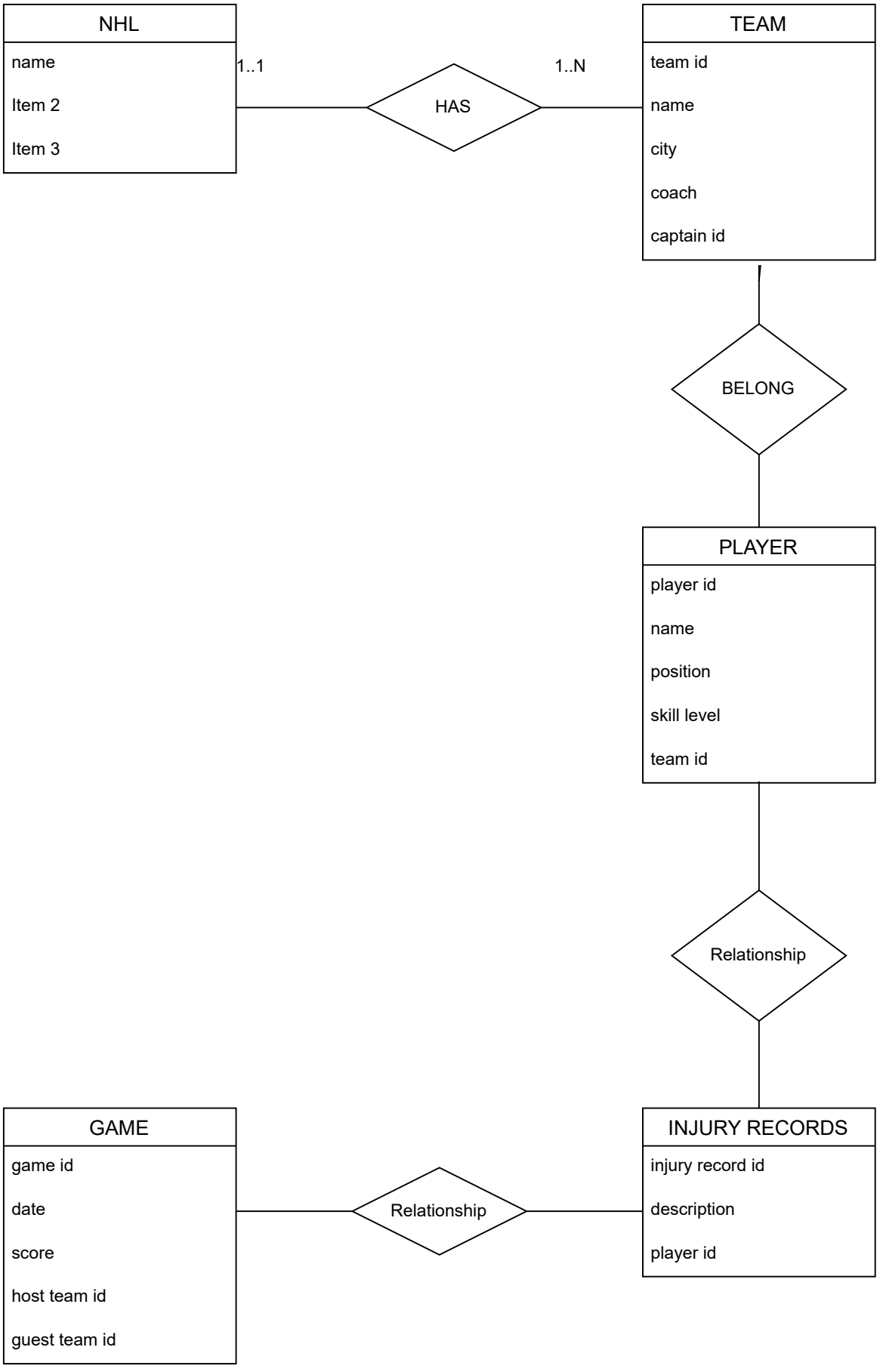
MANUFACTURING COMPANY CONCEPTUAL MODEL


1:N
Manufacturing
ID
Name
Location
1..1
PRODUCE
1..N
Product
ID
Name
Quantity
1..N
MADE
M:N
1..N
Component
ID
Name
Description
Suppliers
Products
M:N
1..N
SUPPLIED
1..N
Suppliers
ID
Name
Gender

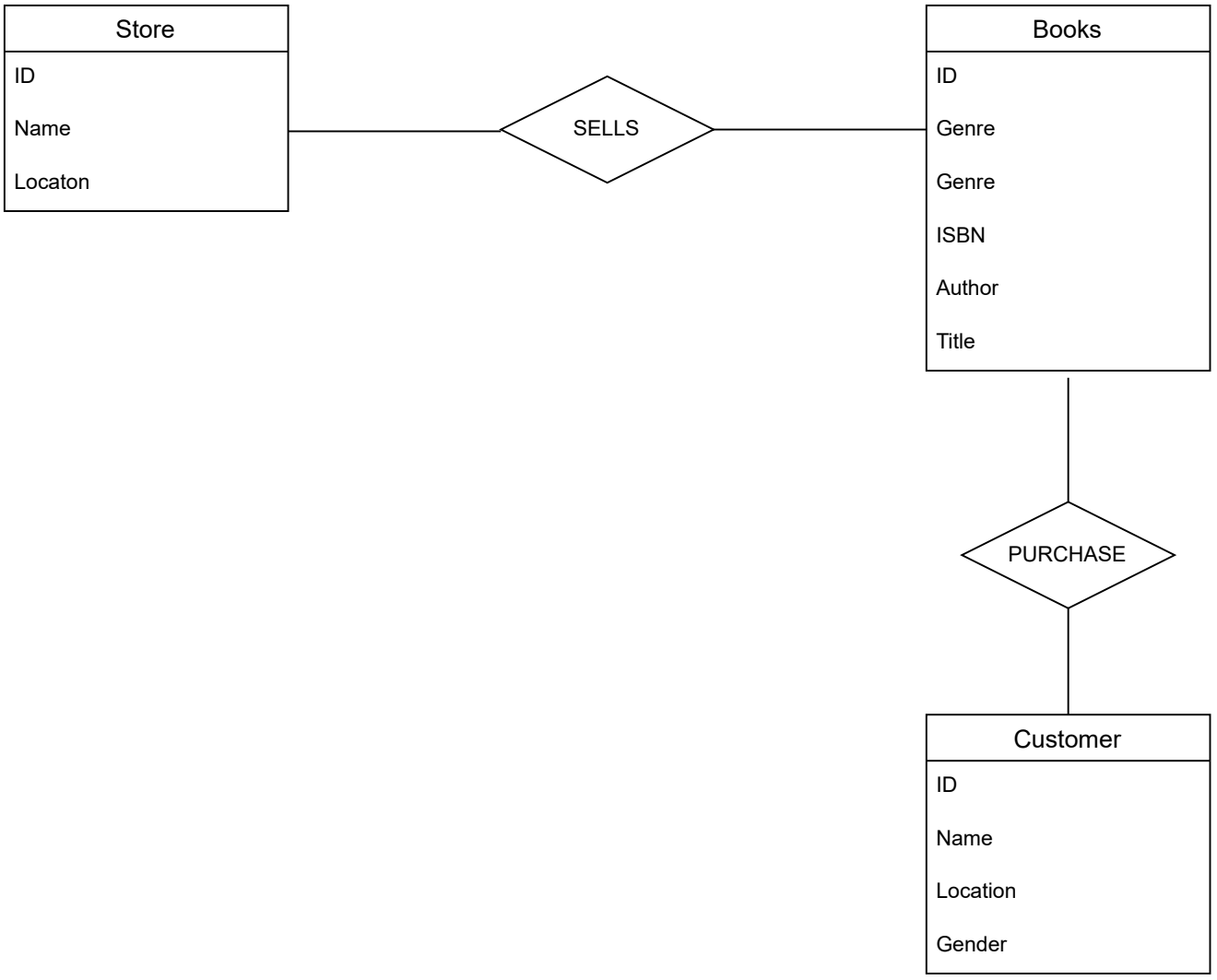
UNIVERSITY CONCEPTUAL MODEL


University
ID
Name
Location
1..1
HAS
1.N
Faculty
ID
Name
Dean
1.1
HAS
1.N
Dept
ID
Name
HOD
1.N
OFFERS
1.N
Dept
ID
Name
HOD
1.N
TEACH
1.N
PROFESSOR
ID
Name
Gender

NATIONAL HOCHEY TEAM

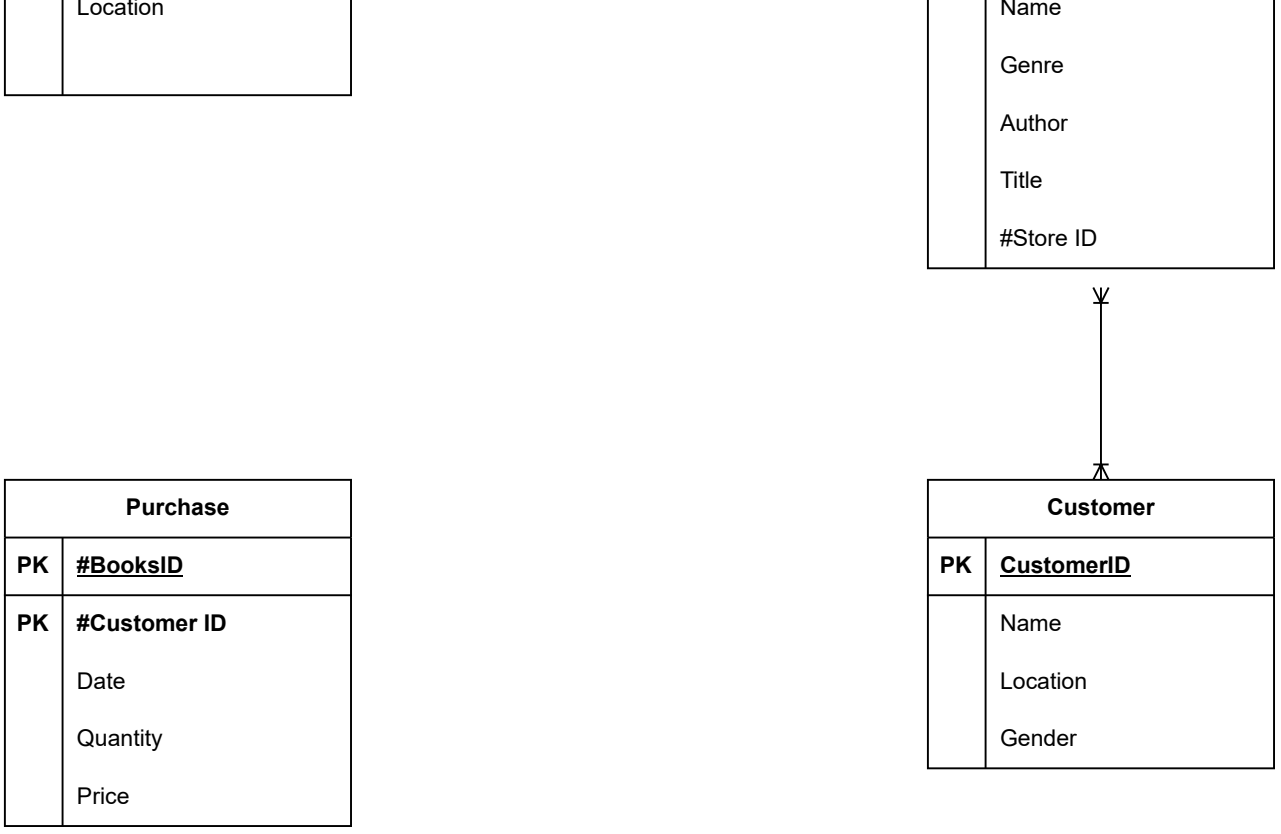

NHL
name
Item 2
Item 3
1..1
HAS
1..N
TEAM
team id
name
city
coach
captain id
BELONG
PLAYER
player id
name
position
skill level
team id
Relationship
GAME
game id
date
score
host team id
guest team id
Relationship
INJURY RECORDS
injury record id
description
player id

BOOKSTORE CONCEPTUAL MODEL

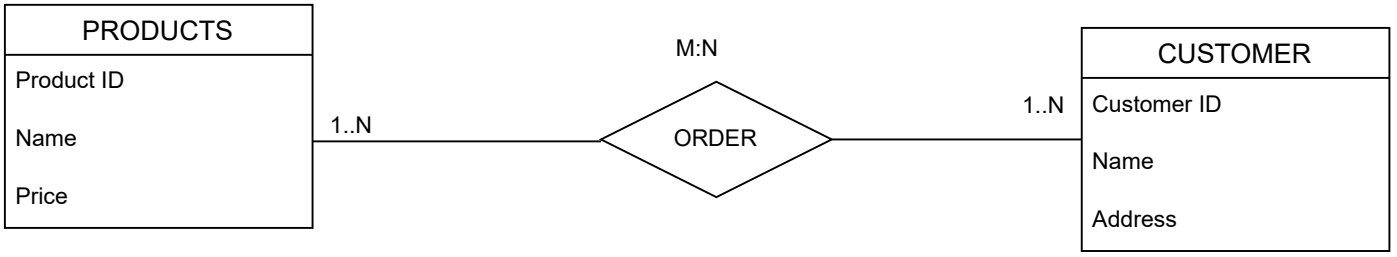


BOOKSTORE RELATIONAL MODEL

Relational Model Mapping
Store (ID,Name,Location)
Book (ISBN,Name,Genre,Author,Title,Qty,#StoreID
Customer (ID,Name,Location,Gender)
Purchase (#Cust ID,#BookID,Price,Date,Qty)

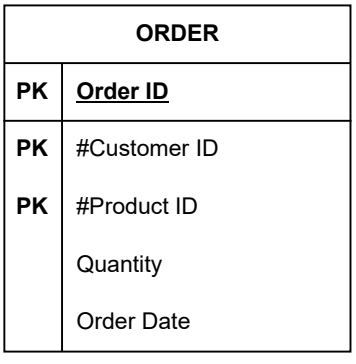

Location
Name
Genre
Author
Title
#Store ID
Purchase
PK
#BooksID
PK
#Customer ID
Date
Quantity
Price
Customer
PK
CustomerID
Name
Location
Gender

CONCEPTUAL MODEL

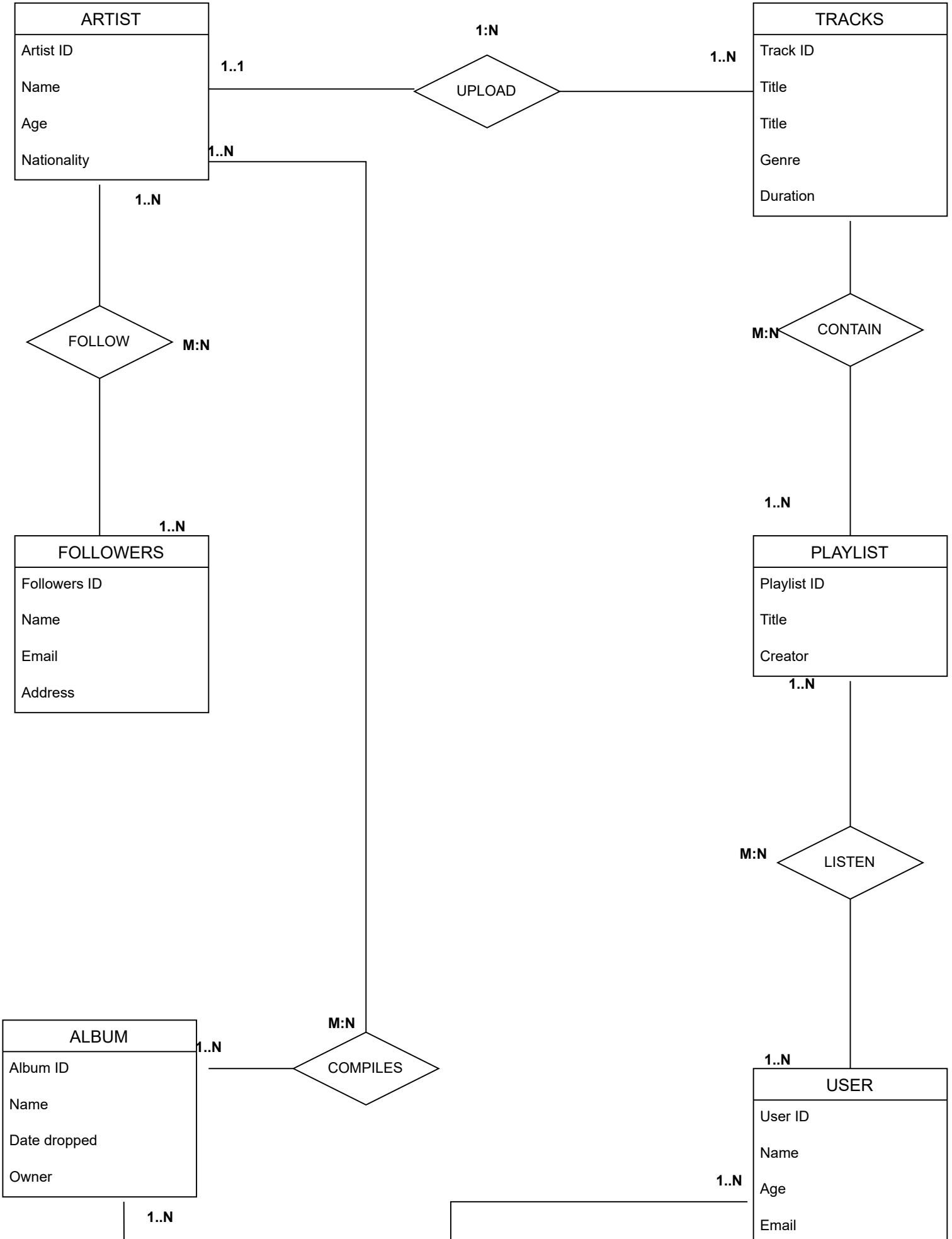


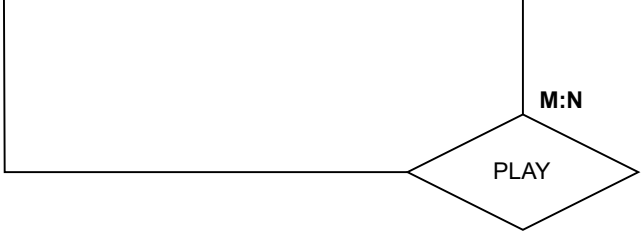
RELATIONAL MODEL MAPPING

RELATIONAL MODE MAPPING
Product (ID, Name, Price, Type)
Customer (ID,Name, Price, Gender, Email, Address)
Order (#customer ID, #product ID,Date,Quantity,Amount,Description



CONCEPTUAL MODEL FOR SYMPHONY MUSIC APP


ARTIST
Artist ID
Name
Age
Nationality
1..1
1:N
UPLOAD
1..N
TRACKS
Track ID
Title
Title
Genre
Duration
1..N
1..N
FOLLOW
M:N
M:N
CONTAIN
1..N
1..N
FOLLOWERS
Followers ID
Name
Email
Address
PLAYLIST
Playlist ID
Title
Creator
1..N
M:N
LISTEN
M:N
1..N
ALBUM
Album ID
Name
Date dropped
Owner
1..N
COMPILES
1..N
USER
User ID
Name
Age
Email
1..N
1..N



Password

Profile Image

RELATIONAL MODEL MAPPING
Track: (Track ID, Title,Date released,Genre,Duration, #ArtistID)
Contain: (#Track ID,#Playlist ID)
Listen:(#Playlist ID, #User ID, Genre,Duration, Location)
Follow:(#Artist ID,#Followers ID,Date)
Compiles: (#Artst ID,#Album ID,)
Play:(#User ID, #Album ID,Date,Location,Time)

RELATIONAL MODEL FOR SYMPHONY MUSIC APP

TRACK	
PK	**Track ID**
	Title
	Date Released
	Genre
	Duration
	#Artist ID

CONTAIN	
PK	**Track ID**
PK	#Playlist ID
	Row 2
	Row 3

LISTEN	
PK	**#Playlist ID**
PK	#User ID
	Genre
	Duration
	Location

FOLLOW	
PK	**#Artist ID**
PK	Followers ID
	Date
	Row 3

COMPILES	
PK	**#Artist ID**
PK	#Album ID
	Row 2
	Row 3

PLAY	
PK	**#User ID**
PK	#Album ID
	Date
	Location
	Time