Movie Database
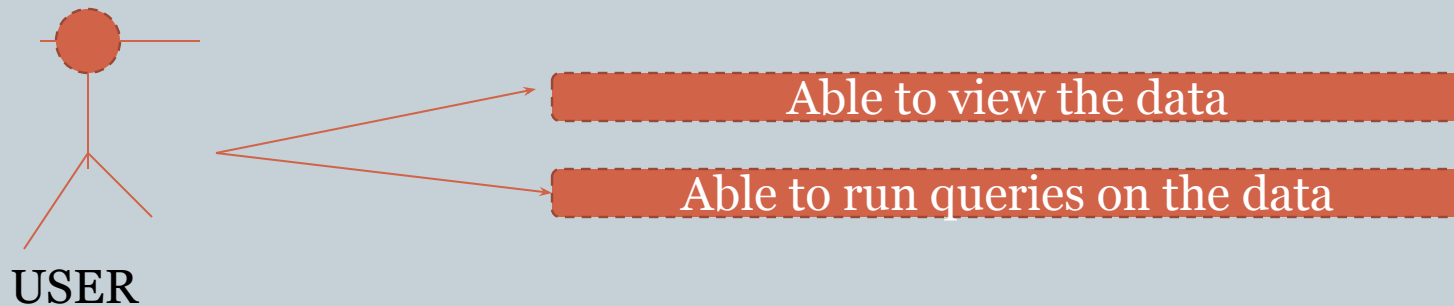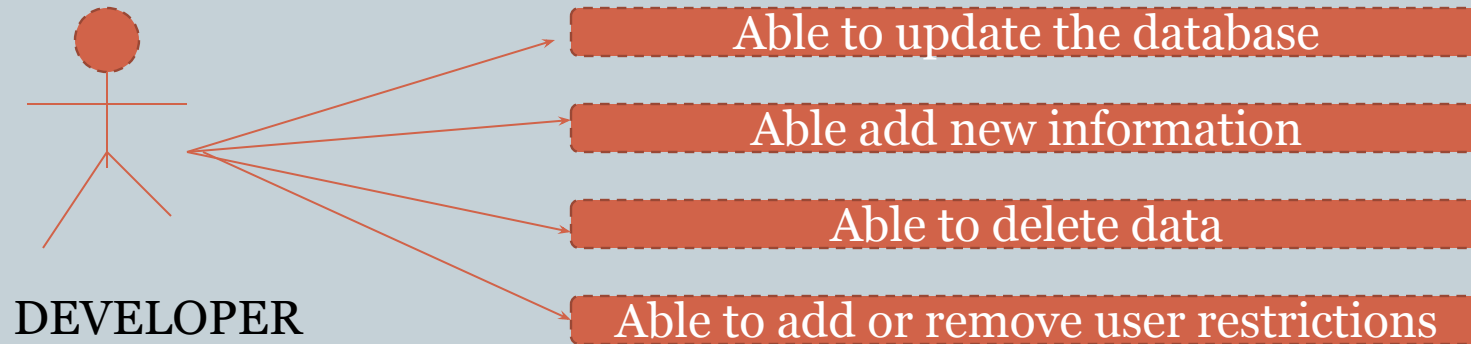
AMARJIT SAHOTA, MILIND SINGHAL

Use Case Diagram

➢ Developer/Manager ()
- Can update the database
- Can add new information
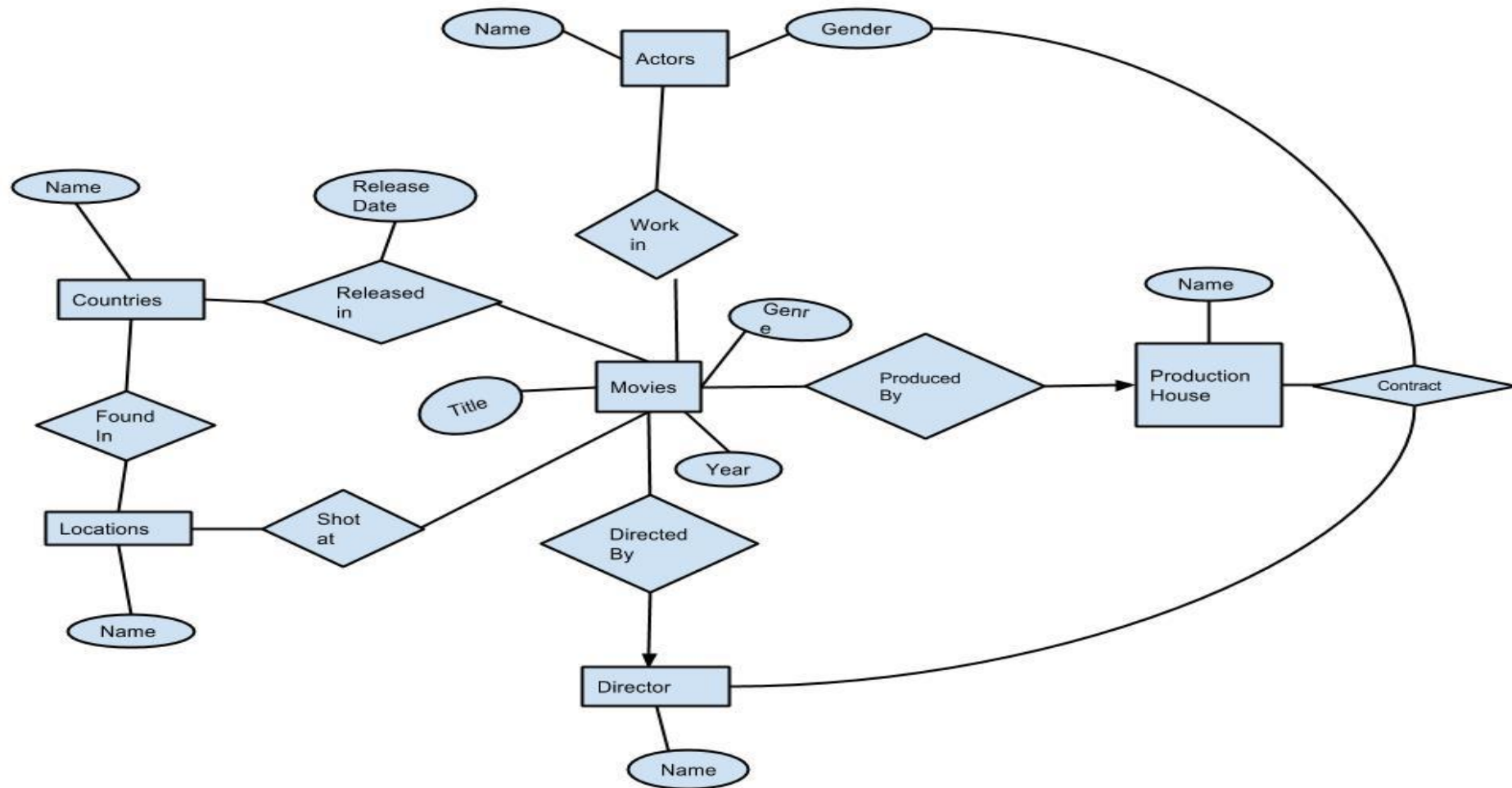- Can add or remove user restrictions

➢ User()
- Can view the data
- Can run queries on the data
- Can modify the data to some extent
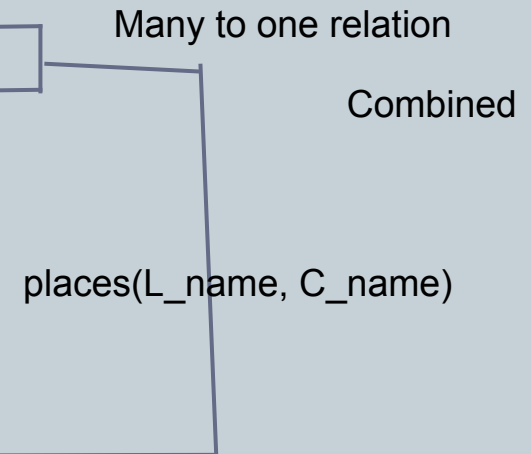
Use Case Diagram

DEVELOPER

- Able to update the database
- Able add new information
- Able to delete data
- Able to add or remove user restrictions

USER

- Able to view the data
- Able to run queries on the data

E/R Diagram

Database Schema

- Movie(<u>Title</u>, Genre, Year)
- Actors(<u>Name</u>, Gender, Date_O_B)
- Directors(<u>Name</u>, Date_O_B)
- ProductionHouse (P_Name)
- Countries(C_Name)
- Locations(L_Name)
- Workin(A_Name, A_DOB, Year, Title)
- DirectedBY(D_name, D-Dob, Year, Title)
- ProducedBy(Title, Year, P_Name)
- ShotAt(L_Name, Title, Year)
- ReleasedIN(C_name, Year, Title, release date)
- FoundIn(L_Name, C_Name)

Many to one relation

Combined

places(L_name, C_name)

Implementation Specs

- SQL
  - SqLite
- JDBC
  - Eclipse
  - JAVA

Project Demonstration