# Relational Schema of ER Model

Supplier (supplierID, name, contactName, phone, email, address, suburb, postcode, country, comments)

Genre (genreID , name, description )

Actor(actorID, firstName, lastName, placeOfBirth, dateOfBirth, dateOfDeath)

Manufacturer(manufacturerID, name, phone, email, address, postcode, country)

Customer(customerID, firstName, lastName, phone, email, address, suburb, postcode, loyaltyDiscount)

Receipt (receiptID, *customerID*, date )

Inventory(inventoryID, title, unitPrice, markup, discount, qtyInStock, genreID, *supplier*)

Collectible(*inventoryID*, madeYear, *manufacturer*)

Movie(*inventoryID*, releaseYear, classification, starRating, *director*)

Purchase(*receiptID*, *inventoryID*, quantity, amountPaid)

Director(directorID, firstName,lastName, placeOfBirth, dateOfBirth dateOfDeath)

Collection(collectionID, name, description, dateReleased)

CollectionMember(*collectionID*, *inventoryID*)

Cast(*actorID*, *inventoryID*, role)

# Assumptions

* For Multivalued Dates like 1995-97 only a single value is considered
* The format of Date is ‘YYYY/MM/DD’
* The ‘$’ symbol on Money and ‘%’ sign in markup and discount has been ignored for calculation
* To resolve many to many relations, tables of all entity are formed.
* For the values to be in Normalized form, table CollectionMember is formed.

# Work Space

MySQL Workbench 6.3 CE

# References

(Sql Order By Keyword, n.d.)

(Robusto, 2012)

(ARADHYAYANA, 2014)

(Linoff, 2014)

(YoYo, 2017) (d, 2012)