

Project 2

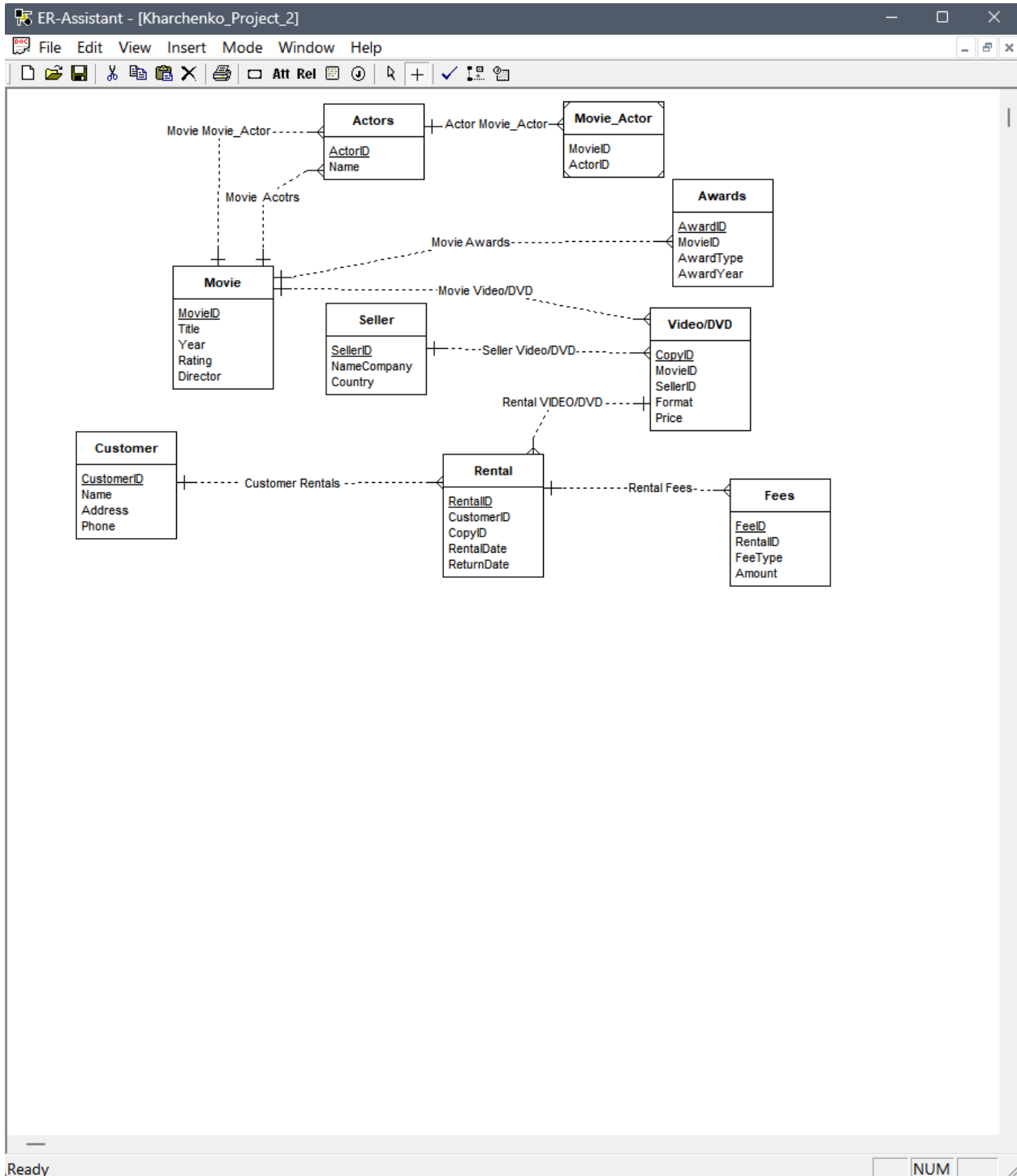
Vadym Kharchenko

University of Maryland Global Campus

CMSC 320: Relational Database Concepts and Applications

Prof. Candice Adams

September 4, 2024



Mom & Pop Database							
Entity Name	Attributes	PK/FK	Data Type	Description			
Customer	CustomerID	PK	Integer	A unique identifier for each customer			
	Name	No	Varchar(255)	First Last (name)			
	Address	No	Varchar(255)	Address			
	Phone	No	Varchar(255)	Contact Number			
Movie	MovieID	PK	Integer	A unique identifier for each movie			
	Title	No	Varchar(255)	Title of the movie			
	Year	No	Integer	Release Date			
	Rating	No	Char(1)	Movie Rating (PG, R)			
	Director	No	Varchar(255)	Name of the director			
Video/DVD	CopyID	PK	Integer	A unique identifier for each physical copy			
	MovieID	FK	Integer	FK referencing the movie of the copy			
	DistributorID	FK	Varchar(255)	FK referencing the seller			
	Format	No	Integer	DVD or VCR			
	Price	No	Decimal	Price of the movie			
Rental	RentalID	PK	Integer	A unique identifier for each transaction			
	CustomerID	FK	Integer	FK referencing the customer			
	CopyID	FK	Integer	FK referencing rented copy			
	RentalDate	No	Date	Starting Date			
	ReturnDate	No	Date	Return Date			
Fees	FeeID	PK	Integer	A unique identifier for each fee			
	RentalID	FK	Integer	FK referencing rental			
	FeeType	No	Varchar(255)	Normal, Late fee, or Damage			
	Amount	No	Decimal	Amount			
Actors	ActorID	PK	Integer	A unique identifier for each actor			
	Name	No	Varchar(255)	Name of the actor			
Distributor	DistributorID	PK	Integer	A unique identifier for each seller			
	CompanyName	No	Varchar(255)	Name of a seller/ company			
	Country	No	Varchar(255)	Seller's Country			
Awards	AwardID	PK	Integer	A unique identifier for each award			
	MovieID	FK	Integer	FK referencing the movie of the copy			
	AwardType	No	Varchar(255)	Type of award (e.g., Golden Globe, People's Choice, etc.)			
	AwardYear	No	Integer	Year of the award			
Movie_Actor	MovieID	FK	Integer	FK referencing the movie of the copy			
	ActorID	FK	Integer	FK referencing the actor			