

## Movie Rentals

TABLE NAME	TABLE DESCRIPTION	# of Attributes
Customer	Holds the video renters information	4
Video	Holds the details on the videos offered as rentals	5
Actor	Briefly describes the actors performing in a video	3
Price	Holds the special pricings offered for rentals	2
Rents	Holds the details of a video rental transaction	8
Performs	Maps a video to all actors in it/ all videos that an actor performs in	2

## Customer TABLE

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
name	Holds the name of the video rental customers	Text	(A-Z) (a-z)	No	No	No
email	Holds the email address of the customer	Text	(A-Z) (a-z) (@, .) (0-9)	Yes	No	No
phone	Holds the phone number of the customer	Text	(0-9) (-)	No	No	Yes
totalPurchase	Holds the total value of all transactions for the customer	Numeric	(0-9) (.)	No	No	Yes

## Video TABLE

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
vID	Holds the ID of the video being rented in the transaction	Text	(A-Z) (a-z) (0-9)	Yes	No	No
name	Holds the name of the video rental	Text	(A-Z) (a-z)	No	No	No
year	Holds the year the video was made	Text	(0-9)	No	No	No
genre	Holds the genre of the video	Text	(A-Z) (a-z)	No	No	No
cost	Holds the cost to rent the video	Numeric	(0-9) (.)	No	No	Yes

## Actor Table

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
aID	Holds the ID of the actor	Text	(A-Z) (a-z) (0-9)	Yes	No	No
name	Holds the name of the actor	Text	(A-Z) (a-z)	No	No	No
dob	Holds the date of birth of the actor	Date	Valid Date	No	No	Yes

## Price TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
priceCode	Holds the special price code for video rentals	Text	(A-Z) (a-z) (0-9)	Yes	No	Yes
cost	Holds the cost to rent the video	Numeric	(0-9) (.)	No	No	Yes

## Rents TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
email	Holds the email address of the customer	Text	(A-Z) (a-z) (@, .) (0-9)	Yes	Yes	No
vID	Holds the ID of the video being rented in the transaction	Text	(A-Z) (a-z) (0-9)	Yes	Yes	No
priceCode	Holds the code for any special pricing for the transaction	Text	(A-Z) (a-z) (0-9)	No	Yes	Yes
rentalFee	Holds the standard rental price	Numeric	(0-9) (.)	No	No	Yes
lateFee	Holds the value charged if rental is returned late	Numeric	(0-9) (.)	No	No	Yes
date	Date of the rental	Date	Valid Date	Yes	No	No
dueDate	Date rental should be returned	Date	Valid Date	No	No	No
returnDate	Date video was returned	Date	Valid Date	No	No	Yes

## Performs TABLE

ATTRIBUTE NAME	ATTRIBUTE DESCRIPTION	Domain	Range	PK	FK	Null
vID	Holds the ID of the video being rented in the transaction	Text	(A-Z) (a-z) (0-9)	Yes	Yes	No
aID	Holds the ID of the actor	Text	(A-Z) (a-z) (0-9)	Yes	Yes	No