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ROCKBUSTER STEALTH
Data Dictionary

2023-08-16

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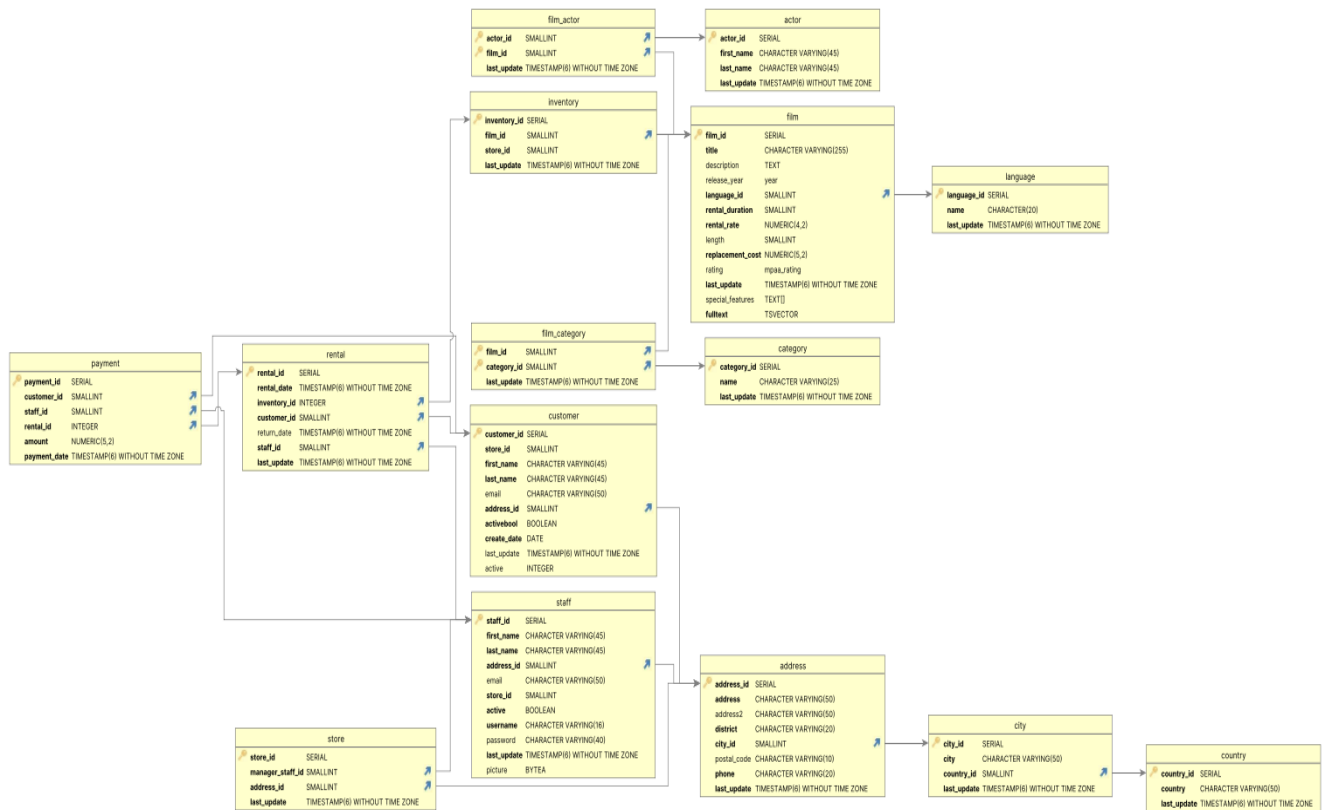
<u>Legend</u>

🔑 = Primary Key
🔑 = Unique Key

Entity Relationship Diagram

Fact Tables

Table Name	Column Name	Data Type	Description
Payment	Payment ID 🔑	SERIAL	Identification number of payment
	Customer ID 🗝	SMALLINT	Identification number of customer
	Staff ID 🗝	SMALLINT	Identification number of staff
	Rental ID 🗝	INTEGER	Unique identification value of rental
	Amount	NUMERIC(5,2)	Sum of payment
	Payment Date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of payment, with no timezone

Rental	Rental ID 🔑	SERIAL	Identification value of rental
	Rental Date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of rental, with no timezone
	Inventory ID 🔑	INTEGER	Unique identification value of inventory
	Customer ID 🔑	SMALLINT	Whole values that identify customer
	Return Date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of return, with no timezone
	Staff ID 🔑	SMALLINT	Whole values that identify staff
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Dimension Tables

Table Name	Column Name	Data Type	Description

Film category	Film ID 🔑	SMALLINT	Whole values that identify the film
	Category ID 🔑	SMALLINT	Whole values that identify the category
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Film Actor	Actor ID 🔑	SMALLINT	Whole values that identify the actor
	Film ID 🔑	SMALLINT	Whole values that identify the film
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Inventory	Inventory ID 🔑	SERIAL	Identification value of inventory
	Film ID 🔑	SMALLINT	Whole values that identify the film
	Store ID	SMALLINT	Whole values that identify the store
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Customer	Customer ID 🔑	SERIAL	Identification value of customer
	Store ID	SMALLINT	Whole values that identify the store
	First name	CHARACTER VARYING (45)	First name of customer
	Last name	CHARACTER VARYING (45)	Last name of customer
	Email	CHARACTER VARYING (50)	Email address of customer
	Address ID 🔑	SMALLINT	Whole values that identify the address
	Activebool	BOOLEAN	Active status represented by True or False
	Create Date	DATE	Date of account creation
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone
	Active	INTEGER	Active status represented by 1 or 0

Staff	Staff ID 🔑	SERIAL	Identification value of staff mamber
	First name	CHARACTER VARYING (45)	First name of staff member
	Last name	CHARACTER VARYING (45)	Last name of staff member
	Address ID 🔑	SMALLINT	Whole values that identify the address
	Email	CHARACTER VARYING (50)	Email address of staff member
	Store ID	SMALLINT	Whole values that identify the store
	Active	BOOLEAN	Active status represented by True or False
	Username	CHARACTER VARYING (16)	Username of staff member account
	Password	CHARACTER VARYING (40)	Password of staff member account
	Last update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone
	Picture	BYTEA	Photo of staff member

Actor	Actor ID 🔑	SERIAL	Identification value of actor
	First name	CHARACTER VARYING (45)	First name of actor
	Last name	CHARACTER VARYING (45)	Last name of actor
	Last update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Film	Film ID 🔑	SERIAL	Identification value of film
	Title	CHARACTER VARYING (255)	Full title of the film
	Description	TEXT	Short description of film plot
	Release Year	YEAR	Year the film was released
	Language ID 🔑	SMALLINT	Whole values that identify the original language
	Rental Duration	SMALLINT	Number of days(?) the film was rented for
	Rental Rate	NUMERIC(4,2)	Cost of rental
	Length	SMALLINT	Length of film in minutes
	Replacement Cost	NUMERIC(5,2)	Eventual costs for replacing the film
	Rating	MPAA_RATING	Film rating (eg rated r)
	Last update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone
	Special Features	TEXT[]	Special Features included in the film
	Fulltext	TSVECTOR	Key words and tags that identify the film

Category	Category ID 🔑	SERIAL	Identification value of film category
	Name 🔑	CHARACTER VARYING (25)	Name of the category
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Address	Address ID 🔑	SERIAL	Identification value of address

	Address	CHARACTER VARYING (50)	Street and house number of customer/staff member/store
	Address 2	CHARACTER VARYING (50)	Additional address info
	District	CHARACTER VARYING (20)	Province of residence
	City ID 🗝	SMALLINT	ID of city
	Postal Code	CHARACTER VARYING (10)	ZIP code
	Phone	CHARACTER VARYING (20)	Phone number of customer/staff/store
	Last update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Language	Language ID 🔑	SERIAL	Identification value of film language
	Name	CHARACTER VARYING (20)	Name of the language
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

City	City ID 🔑	SERIAL	Identification value of city
	City	CHARACTER VARYING (50)	Name of the city
	Country ID 🗝	SMALLINT	Identification number of country
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone

Country	Country ID 🔑	SERIAL	Identification value of country
	Country	CHARACTER VARYING (50)	Name of the country where customer/staff/store is located
	Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last info update, with no timezone