Rockbuster

Data Dictionary

2022 – 09 – 02

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- Primary Key

- Foreign Key

DB Visualizer Rockbuster Data

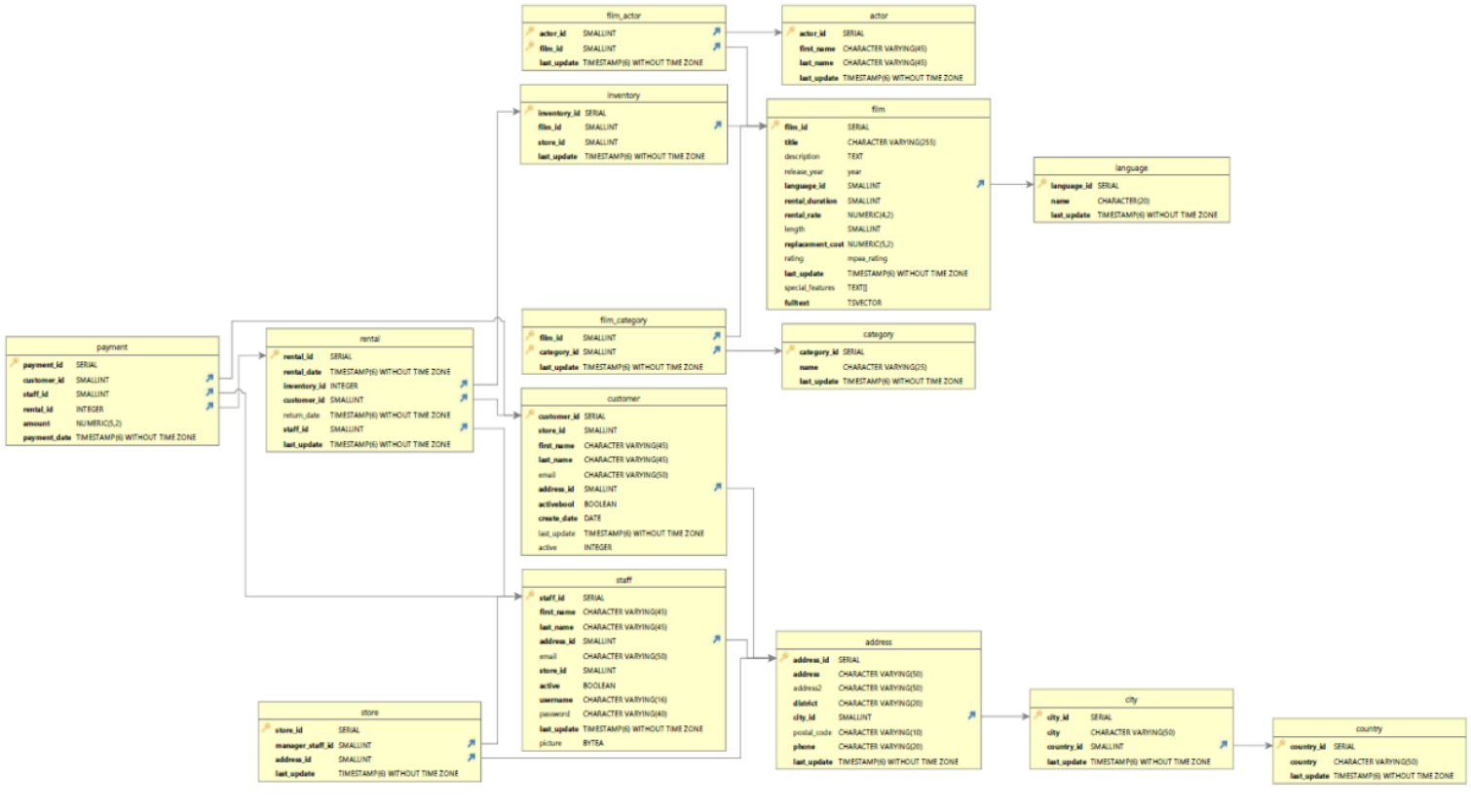

Table – Payment

Column	Data Type	Description
payment_id	SERIAL	Serial Number assigned to payment
customer_id	SMALLINT	Number assigned to customer
staff_id	SMALLINT	Number assigned to employee
rental_id	INTEGER	Number assigned to rental
amount	NUMERIC(5,2)	Amount Paid
payment_date	Timestamp(6) without time zone	Date of Payment

Links to:

Table	Join
Customer	**payment**.customer_id =customer.customer_id
Staff	**payment**.staff_id = staff.staff_id
Rental	**Payment**.rental_id = rental.rental_id

Table – Rental

Column	Data Type	Description
rental_id	Serial	Serial number assigned to rental
rental_date	Timestamp(6) without time zone	Rental Date
inventory_id	Integer	Number assigned to item in the table
customer_id	Smallint	Number assigned to customer
return_date	Timestamp(6) without time zone	Date of Return
staff_id	Smallint	Number assigned to employee
last_update	Timestamp(6) without time zone	Date of last update

Links to:

Table	Join
Inventory	**rental.**inventory_id = inventory.inventory_id
Customer	**rental.**customer_id =customer.customer_id
Staff	**rental**.staff_id = staff.staff_id

Links From

Table	Join
Payment	**rental.**rental_id = payment.rental_id

Table – Store

Column	Data Type	Description
store_id	SERIAL	Serial number assigned to store
manager_staff_id	SMALLINT	Number assigned to store manager
address_id	SMALLINT	Number assigned to store address
last_update	Timestamp(6) without time zone	Date of last update

Links to:

Table	Join
Staff	**store.**manager_staff_id = staff.staff_id
Address	**Store.**address_id = address.address_id

Table – Customer

Column	Data Type	Description
customer_id	SERIAL	Serial number assigned to customer
store_id	SMALLINT	Number assigned to store
first_name	Character Varying(45)	First name of customer
last_name	Character Varying(45)	Last name of customer
email	Character Varying (50)	Customer Email
address_id	SMALLINT	Number assigned to customer's address
activebool	Boolean	Customer's active status
create_date	Date	Date entry was created.
last_update	Timestamp(6) without time zone	Date of Last Update
active	Integer	Customer's active status

Links to:

Table	Join
Address	**customer**.address_id = address.address_id

Links from:

Table	Join
Payment	**customer**.customer_id = payment.customer_id
Rental	**customer.**customer_id = rental.customer_id

Table – Staff

Column	Data Type	Description
staff_id	SERIAL	Serial number assigned to staff
first_name	Character Varying (45)	First name of staff member
last_name	Character Varying (45)	Last name of staff member
address_id	SMALLINT	Number assigned staff address
email	Character Varying (50)	Email address of staff member
store_id	SMALLINT	Number assigned to store
active	BOOLEAN	Staff Members active status
Username	Character Varying (16)	Staff Member Username
password	Character Varying (40)	Staff Member Password
last_update	Timestamp(6) without time zone	Date of Last Update
picture	BYTEA	Picture of Employee

Links to:

Table	Join
Address	**staff.**address_id = address.address_id

Links from:

Table	Join
Rental	**staff.**staff_id = rental.staff_id
Payment	**staff.**staff_id = payment.staff_id
Store	**staff.**staff_id = store.manager_staff_id

Table – Address

Column	Data Type	Description
address_id	SERIAL	Serial Number assigned to address
address	Character Varying (50)	Street Address
address2	Character Varying (50)	Street Address Line 2
district	Charcter Varying (20)	District
city_id	SMALLINT	Number assigned to city
postal_code	Charcter Varying (10)	Postal Code
phone	Character Varying (20)	Phone Number
last_update	Timestamp(6) without time zone	Date of Last Update

Links to:

Table	Join
City	**address**.city_id = city.city_id

Links from:

Table	Join
Customer	**address.**address_id = customer.address_id
Staff	**address.**address_id = staff.address_id
Store	**address.**address_id = store.address_id

Table – City

Column	Data Type	Description
city_id	SERIAL	Serial Number assigned to City
city	Character Varying (50)	City
country_id	SMALLINT	Number assigned to country
last_update	Timestamp(6) without time zone	Date of Last Update

Links to:

Table	Join
Country	**city.**country_id = country.country_id

Links from:

Table	Join
Address	**city.**city_id = address.city_id

Table – Country

Column	Data Type	Description
country_id	SERIAL	SERIAL Number assigned to Country
country	Character Varying (50)	Country
last_update	Timestamp(6) without time zone	Date of Last Update

Links from:

Table	Join
City	**country**.country_id = city.country_id

Table – Film

Column	Data Type	Description
film_id	SERIAL	Serial number assigned to the film
title	Character Varying (25)	Title of Film
description	Text	Description of the film
release_year	year	Year the film was released
language_id	SMALLINT	Number assigned to language of the film
rental_duration	SMALLINT	Length of film rental
rental_rate	NUMERIC(4,2)	Price to rent the film
length	SMALLINT	Length of film
replacement_cost	NUMERIC(5,2)	Cost to replace the film
rating	mpaa_rating	Film Rating
last_update	Timestamp(6) without time zone	Date of Last Update
special_features	TEXT[]	Special Feature Included with the film
fulltext	TSVECTOR	Keywords associated with film

Links to:

Table	Join
Language	**film.**language_id = language.language_id

Links from:

Table	Join
Film_Actor	**film.**film_id = film_actor.film_id
Inventory	**film.**film_id = inventory.film_id
Film_Category	**film.**film_id = film_category.film_id

Table – Film_Category

Column	Data Type	Description
film_id	SMALLINT	Number assigned to film
category_id	SMALLINT	Number assigned to category
last_update	Timestamp(6) without time zone	Date of Last Update

Links to:

Table	Join
Film	**film_category.**film_id = film.film_id
Category	**film_category.**category_id = category.category_id

Table – Inventory

Column	Data Type	Description
inventory_id	SERIAL	Serial number assigned to item in the table
film_id	SMALLINT	Number assigned to film
store_id	SMALLINT	Number assigned to store
last_update	Timestamp(6) without time zone	Date of last update

Links to:

Table	Join
Film	**inventory.**film_id = film.film_id

Links from:

Table	Join
Rental	**inventory.**inventory_id = rental.inventory_id

Table – Film_Actor

Column	Data Type	Description
actor_id	SMALLINT	Number assigned to actor
film_id	SMALLINT	Number assigned to film
last _update	Timestamp(6) without time zone	Date of Last Update

Links to:

Table	Join
Film	**film_actor.**film_id = film.film_id
Actor	**film_actor**_actor_id = actor.actor_id

Table – Language

Column	Data Type	Description
language_id	SERIAL	Serial Number for Language
name	Character Varying (20)	Name of language
last_update	Timestamp(6) without time zone	Date of Last Update

Links from:

Table	Join
Film	**language.**language_id = film.language_id

Table – Category

Column	Data Type	Description
category_id	SERIAL	Serial number assigned to catgeory
name	Character Varying (25)	Category Name
last_update	Timestamp(6) without time zone	Date of Last Update

Links from:

Table	Join
Film_Category	**category.**category_id = film_category.category_id

Table – Actor

Column	Data Type	Description
actor_id	SERIAL	Serial number assigned to actor
first_name	Character Varying (45)	Actor first name
last_name	Character Varying (45)	Actor last name
last_update	Timestamp(6) without time zone	Date of last update

Links from:

Table	Join
Film_Actor	**actor.**actor_id = film_actor.actor_id