Rockbuster Stealth LLC

Data Dictionary Ver 4

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Authored by: William Mc Weeney

Table of Contents

Legend

🔑 Primary Key

🔑 Foreign Key

ERD
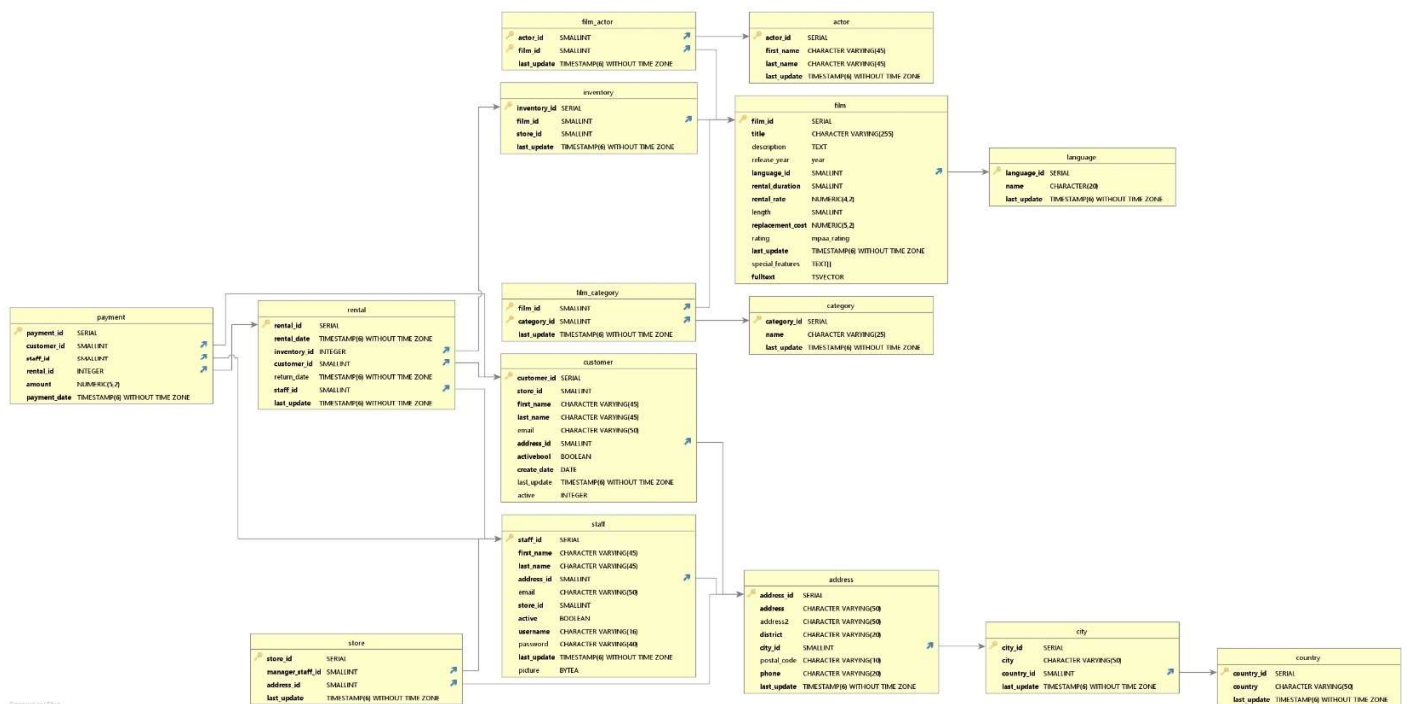
Tables

3.1 - actor

Name	Data Type	Description
🔑 actor_id	Serial	Primary Key.
first_name	Character Varying(45)	Actor's first name, up to 45 characters.
last_name	Character Varying(45)	Actors surname, up to 45 characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
film_actor	film_actor.actor_id = actor.actor_id

3.2 - address

Name	Data Type	Description
🔑 address_id	SERIAL	Primary Key.
address	CHARACTER VARYING(50)	First line of address – allowed to use up to 50 characters, including special characters.
address2	CHARACTER VARYING(50)	Second line of address – allowed to use up to 50 characters, including special characters.
district	CHARACTER VARYING(20)	District of address – allowed to use up to 20 characters, including special characters.
🔑 city_id	SMALLINT	address.city_id = city.city_id
postal_code	CHARACTER VARYING(10)	Postal code of address – allowed to use up to 10 characters, including special characters.

phone	CHARACTER VARYING(20)	Phone number of staff/customer – allowed to use up to 20 characters, including special characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
store	store.address_id = address.address_id
staff	staff.address_id = address.address_id
customer	customer.address_id = address.address_id

3.3 - category

Name	Data Type	Description
🔑 category_id	SERIAL	Primary key.
name	CHARACTER VARYING(25)	Category name (action, drama, etc) – allowed to use up to 25 characters, including special characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
film_category	film_category.category_id = category. category_id

3.4 - city

Name	Data Type	Description
🔑 city_id	SERIAL	Primary key.
city	CHARACTER VARYING(50)	Name of the city – allowed to use up to 50 characters, including special characters.
🔑 country_id	SMALLINT	city.country_id = country.country_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
address	address.city_id = city.city_id

3.5 - country

Name	Data Type	Description
🔑 country_id	SERIAL	Primary key.
country	CHARACTER VARYING(50)	Name of the country – allowed to use up to 50 characters, including special characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
city	city.country_id = country.country_id

3.6 - customer

Name	Data Type	Description
🔑 customer_id	SERIAL	Primary Key.
store_id	SMALLINT	Number assigned to the Store that the customer belongs to.
first_name	CHARACTER VARYING(45)	Customers first name – allowed to use up to 45 characters, including special characters.
last_name	CHARACTER VARYING(45)	Customer's surname – allowed to use up to 45 characters, including special characters.
email	CHARACTER VARYING(45)	Customers email address – allowed to use up to 45 characters, including special characters.
🔑 address_id	SMALLINT	customer.address_id = address.address_id
activebool	BOOLEAN	True/false statement stating whether the customer is active.
create_date	DATE	Date that the entry/account was created.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.
active	INTEGER	0/1 statement stating whether the account is active.

Linked From

Table	Join
payment	payment.customer_id = customer.customer_id
rental	rental.customer_id = customer.customer_id

3.7 - film

Name	Data Type	Description
🔑 film_id	SERIAL	Primary Key.
title	CHARACTER VARYING(45)	Film title – allowed to use up to 45 characters, including special characters.
description	TEXT	Synopsis of the movie. No character limit.
release_year	year	Year the movie was released.
🔑 language_id	SMALLINT	film.language_id = language.language_id
rental_duration	SMALLINT	How long the movie has been rented for.
rental_rate	NUMERIC(4,2)	Numeric cost of renting the film – Max 4 numbers in length, max 2 numbers after the decimal point.
length	SMALLINT	Length of the film, in minutes.
replacement_cost	NUMERIC(5,2)	Numeric cost of replacing the film – Max 5 numbers in length, max 2 numbers after the decimal point.
rating	mpaa_rating	Motion Picture Association's rating. PG, 15, 18, etc.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.
special_features	TEXT[]	Listing of special features – deleted scenes, trailers, etc.
fulltext	TSVECTOR	Keywords to allow the film to be seen using keyword search – 'african', 'chef', 'drama', etc.

Linked From

Table	Join
film_actor	film_actor.film_id = film.film_id
film_category	film_category.film_id = film.film_id
inventory	inventory.film_id = film.film_id

3.8 - *film_actor*

Name	Data Type	Description
🔑 actor_id	SMALLINT	film_actor.actor_id = actor.actor_id
🔑 film_id	SMALLINT	film_actor.film_id = film.film_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From - NONE

3.9 - *film_category*

Name	Data Type	Description
🔑 film_id	SMALLINT	film_category.film_id = film.film_id
🔑 category_id	SMALLINT	film_category.category_id = category.category_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From - NONE

3.10 - *inventory*

Name	Data Type	Description
🔑 inventory_id	SERIAL	Primary Key.
🔑 film_id	SMALLINT	inventory.film_id = film.film_id
🔑 store_id	SMALLINT	inventory.store_id = store.store_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
rental	rental.inventory_id = inventory.inventory_id

3.11 - language

Name	Data Type	Description
🔑 language_id	SERIAL	Primary key.
name	CHARACTER(20)	Language name (French, English, etc) – allowed to use up to 20 characters, with no special characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
film	film.language_id = language.language_id

3.12 - payment

Name	Data Type	Description
🔑 payment_id	SERIAL	Primary Key
🔑 customer_id	SMALLINT	payment.customer_id = customer.customer_id
🔑 staff_id	SMALLINT	payment.staff_id = staff.staff_id
🔑 rental_id	INTEGER	payment.rental_id = rental.rental_id
amount	NUMERIC(5,2)	Monetary amount paid for the rental.
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the payment.

Linked From - NONE

3.13 - rental

Name	Data Type	Description
🔑 rental_id	SERIAL	Primary Key
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the rental.
🔑 inventory_id	INTEGER	rental.inventory_id = inventory.inventory_id
🔑 customer_id	SMALLINT	rental.customer_id = customer.customer_id
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the return of the film.
🔑 staff_id	SMALLINT	rental.staff_id = staff.staff_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From

Table	Join
payment	payment.rental_id = rental.rental_id

3.14 - staff

Name	Data Type	Description
🔑 staff_id	SERIAL	Primary Key.
first_name	CHARACTER VARYING(45)	Customers first name – allowed to use up to 45 characters, including special characters.
last_name	CHARACTER VARYING(45)	Customer's surname – allowed to use up to 45 characters, including special characters.
🔑 address_id	SMALLINT	Address ID obtained from the address dimension table.
email	CHARACTER VARYING(45)	Customers email address – allowed to use up to 45 characters, including special characters.
store_id	SMALLINT	Number assigned to the Store.

active	BOOLEAN	True/false statement stating whether the staff member is active.
username	CHARACTER VARYING(45)	Staff members username – allowed to use up to 45 characters, including special characters.
password	CHARACTER VARYING(45)	Staff members password – allowed to use up to 45 characters, including special characters.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.
picture	BYTEA	Staff member's photo.

Linked From

Table	Join
payment	payment.staff_id = staff.staff_id
rental	rental.staff_id = staff.staff_id
store	store.manager_staff_id = staff.staff_id

3.15 - store

Name	Data Type	Description
store_id	SERIAL	Primary Key.
manager_staff_id	SMALLINT	store.manager_staff_id = staff.staff_id
address_id	SMALLINT	store.address_id = address.address_id
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of the last update of the table.

Linked From - NONE