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CHANGING TIMES FOR ROCKBUSTER
STEALTH, LLC
DATA DICTIONARY

JANELLA VALENCIA

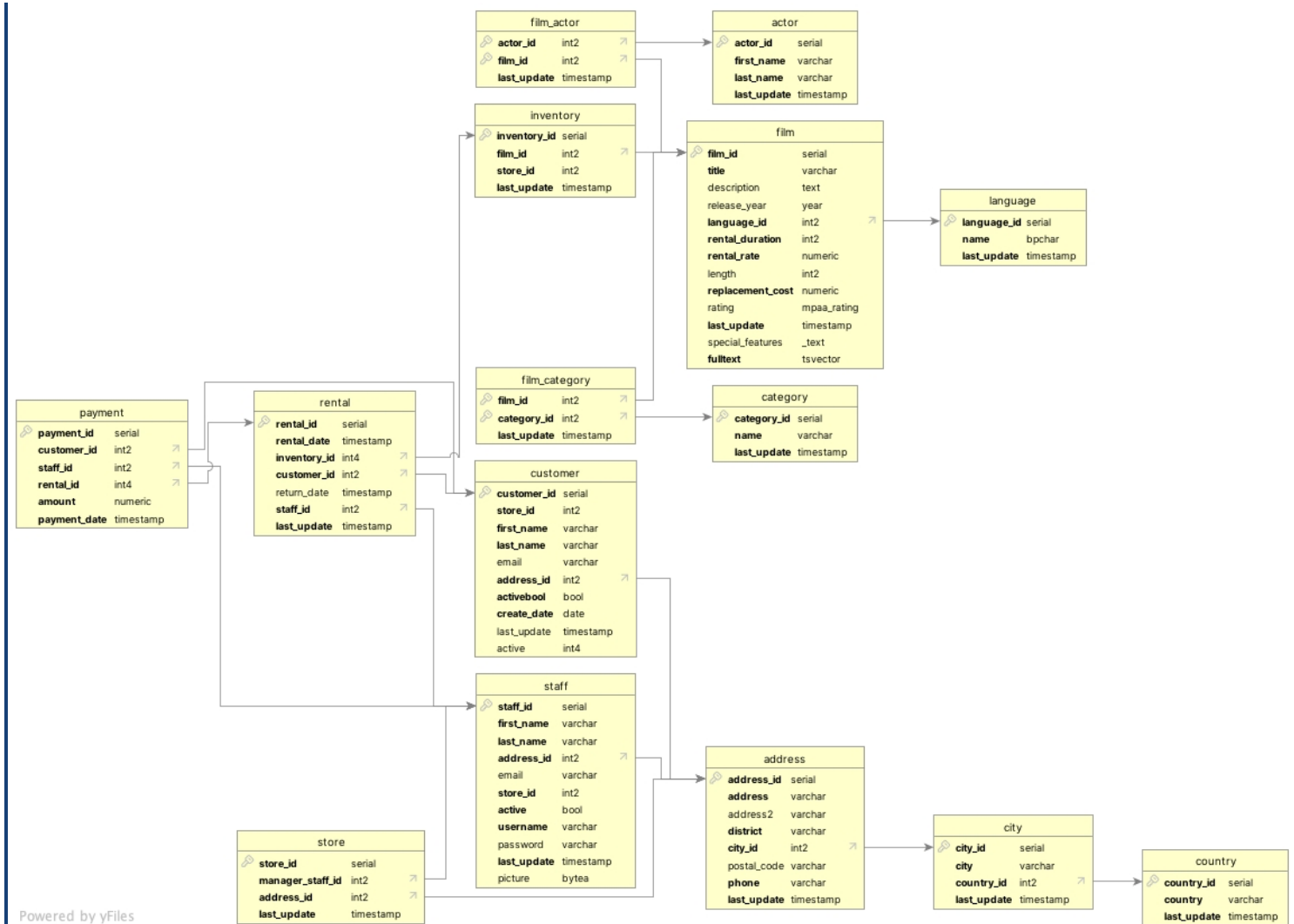


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ERD DIAGRAM

DATA STORAGE AND STRUCTURE



FACT TABLES

RENTAL TABLES

Column Name	Data Type	Primary Key	Foreign Key (References)
rental_id	serial	YES	Primary Key
rental_date	timestamp	NO	
inventory_id	integer	NO	Foreign Key: inventory_id; Links to rental table
customer_id	smallint	NO	Foreign Key: customer_id; Links to rental and payment table
return_date	timestamp	NO	
staff_id	smallint	NO	Foreign Key: staff_id; Links to store, rental, payment table
last_update	timestamp	NO	

PAYMENT TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
payment_id	serial	YES	Primary Key
customer_id	smallint	NO	Foreign Key: customer_id; Links to rental and csstomer table
staff_id	smallint	NO	Foreign Key: staff_id; Links to rental and staff tables
rental_id	integer	NO	Foreign Key: rental_id; Links to rental table
amount	numeric	NO	
payment_date	timestamp	NO	

DIMENSION TABLES

ACTOR TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
actor_id	serial	YES	Primary Key
first_name	varchar	NO	
last_name	varchar	NO	
last_update	timestamp	NO	

ADDRESS TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
address_id	serial	YES	Primary Key
address	varchar	NO	
address2	varchar	NO	
district	varchar	NO	
city_id	smallint	NO	Foreign Key: city_id; Links to city table
postal_code	varchar	NO	
phone	varchar	NO	
last_update	timestamp	NO	

FILM TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
film_id	serial	YES	Primary Key
title	varchar	NO	
description	text	NO	
release_year	year	NO	
language_id	smallint	NO	Foreign Key: language_id; Links to language table
rental_duration	smallint	NO	
rental_rate	numeric	NO	
length	smallint	NO	
replacement_cost	numeric	NO	
rating	mpaa_rating	NO	
last_update	timestamp	NO	

CATEGORY TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
category_id	serial	YES	Primary Key
name	varchar	NO	
last_update	timestamp	NO	

LANGUAGE TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
language_id	serial	YES	Primary Key
name	varchar	NO	
last_update	timestamp	NO	

CUSTOMER TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
customer_id	serial	YES	Primary Key
store_id	smallint	NO	Foreign Key: Store_id; Links to store,customer,inventory table
first_name	varchar	NO	
last_name	varchar	NO	
email	varchar	NO	
address_id	smallint	NO	Foreign Key: address_id; Links to staff, customer,store table
activebool	bool	NO	
create_date	date	NO	
last_update	timestamp	NO	
active	integer	NO	

STORE TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
store_id	serial	YES	Primary Key
manager_staff_id	smallint	NO	
address_id	smallint	NO	Foreign Key: address_id; Links to staff, customer, store table
last_update	timestamp	NO	

FILM CATEGORY TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
film_id	smallint	YES (Composite)	Primary Key
category_id	smallint	YES (Composite)	Primary Key
last_update	timestamp	NO	

STAFF TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
staff_id	serial	YES	Primary Key
first_name	varchar	NO	
last_name	varchar	NO	
address_id	smallint	NO	Foreign Key: address_id; Links to staff, customer,store table
email	varchar	NO	
store_id	smallint	NO	Foreign Key: Store_id; Links to store,customer,inventory table
active	bool	NO	
username	varchar	NO	
password	varchar	NO	
last_update	timestamp	NO	
picture	bytea	NO	

CITY TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
city_id	serial	YES	Primary Key
city	varchar	NO	
country_id	smallint	NO	Foreign Key: country_id; Links to country table
last_update	timestamp	NO	

COUNTRY TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
country_id	serial	YES	Primary Key
country	varchar	NO	
last_update	timestamp	NO	

INVENTORY TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
inventory_id	serial	YES	Primary Key
film_id	smallint	NO	Foreign Key: film_id; Links to inventory, film_category, film table
store_id	smallint	NO	Foreign Key: store_id; Links to customer, staff, store, inventory tables
last_update	timestamp	NO	

FILM ACTOR TABLE

Column Name	Data Type	Primary Key	Foreign Key (References)
actor_id	smallint	YES (Composite)	Primary Key
film_id	smallint	YES (Composite)	Primary Key
last_update	timestamp	NO	