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Rockbuster Stealth

DATA DICTIONARY

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Table of Contents

Rockbuster Database Overview 3

ERD (Entity Relationship Diagram) 3

Tables 4

 Payment 4

 Rental 4

 Staff 4

 Customer 5

 Actor 5

 Address 5

 City 6

 Country 6

 Film_Category 6

 Film 7

 Film_Actor 7

 Category 7

 Inventory 8

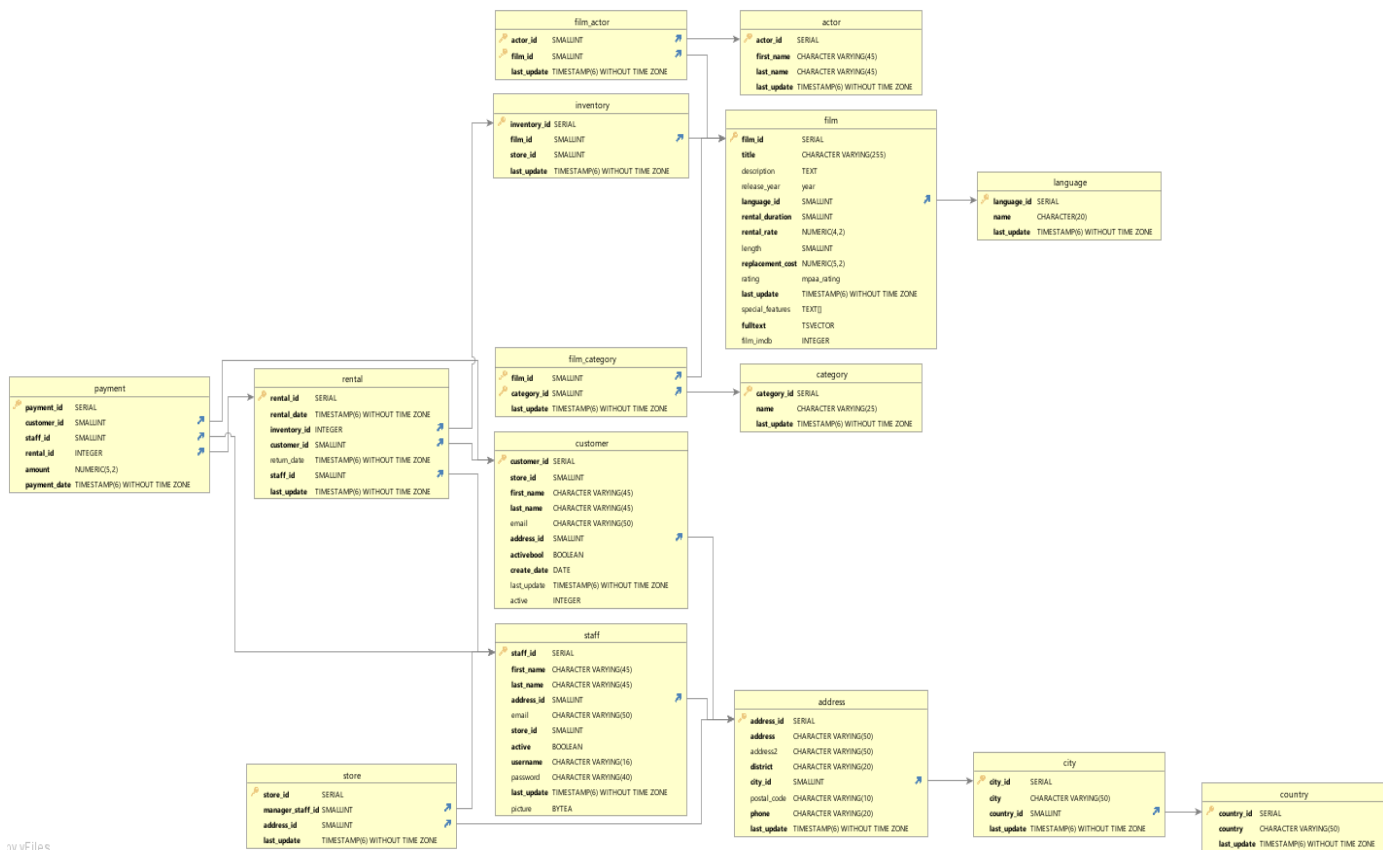
 Store 8

 Language 8

Rockbuster Database Overview

- ❖ The Rockbuster database contains tables related to customers, staff, and inventory. With this database we can track various information such as payment information and movie rentals. In the image below, we can see Rockbuster Entity Relationship Diagram (ERD) detailing the tables, columns, and the keys that connect all the tables together.

ERD (Entity Relationship Diagram)



yyFiles

Payment

Columns	Data Type	Description	Keys	Links to	Links from
payment_id	SERIAL	Number assigned to payment	Primary		
customer_id	Smallint	Number assigned to customer	Foreign	customer	
staff_id	Smallint	Number assigned to employee	Foreign	staff	
rental_id	Integer	Number assigned to rental	Foreign	rental	
amount	Numeric	Amount paid for transaction			
payment_date	Timestamp	Date of payment			

Rental

Columns	Data Type	Description	Keys	Links to	Links from
rental_id	Serial	Number assigned to rental	Primary		payment
rental_date	Timestamp	Date of rental			
inventory_id	Integer	Number assigned to item	Foreign	inventory	
customer_id	Smallint	Number assigned to customer	Foreign	customer	
return_date	Timestamp	Date rental was returned			
staff_id	Smallint	Number assigned to employee	Foreign	staff	
last_update	Timestamp	Date entry was last updated			

Staff

Columns	Data Type	Description	Keys	Links to	Links from
staff_id	Serial	Number assigned to employee	Primary		payment, rental, store
first_name	Varchar	First name of employee			
last_name	Varchar	Last name of employee			
address_id	Smallint	Number assigned to employee's address	Foreign	address	
email	Varchar	Email address of employee			
store_id	Smallint	Number assigned to store	Foreign	store	
active	Boolean	Employee active status			
username	Varchar	Username of employee			
password	Varchar	Password of employee			
last_update	Timestamp	Date entry was last updated			
picture	BYTEA	Picture of employee			

Customer

Columns	Data Type	Description	Keys	Links to	Links from
customer_id	Serial	Number assigned to customer	Primary		payment, rental
store_id	Smallint	Number assigned to store	Foreign	store	
first_name	Varchar	First name of customer			
last_name	Varchar	Last name of customer			
email	Varchar	Email address of customer			
address_id	Smallint	Number assigned to customer's address	Foreign	address	
activebool	Boolean	Customer's active status			
create_date	Date	Date entry was created			
last_update	Timestamp	Date entry was last updated			
activebool	Integer	Customer's active status			

Actor

Columns	Data Type	Description	Keys	Links to	Links from
actor_id	Serial	Number assigned to actor	Primary		film_actor
first_name	Varchar	First name of actor			
last_name	Varchar	Last name of actor			
last_update	Timestamp	Date entry was last updated			

Address

Columns	Data Type	Description	Keys	Links to	Links from
address_id	Serial	Number assigned to address	Primary		customer, staff, store
address_id	Varchar	Stress address	Foreign	city	
address2	Varchar	Additional street address			
district	Varchar	District			
city_id	Smallint	Number assigned to city			
postal_code	Varchar	Postal code			
phone	Varchar	Phone number			
last_update	Timestamp	Date entry was last updated			

City

Columns	Data Type	Description	Keys	Links to	Links from
city_id	Serial	Number assigned to city	Primary		address
city	Varchar	Name of city			
country_id	Smallint	Number assigned to country	Foreign		country
last_update	Timestamp	Date entry was last updated			

Country

Columns	Data Type	Description	Keys	Links to	Links from
country_id	Serial	Number assigned to country	Primary		city
country	Varchar	Name of country			
last_update	Timestamp	Date entry was last updated			

Film_Category

Columns	Data Type	Description	Keys	Links to	Links from
film_id	Smallint	Number assigned to film	Foreign	film	
film_category	Smallint	Number assigned to category	Foreign	category	
last_update	Timestamp	Date entry was last updated			

Film

Columns	Data Type	Description	Keys	Links to	Links from
film_id	Serial	Number assigned to film	Primary		inventory, film_category, film_actor
title	Varchar	Title of film			
description	Text	Description of film			
release_year	Year	Release year of film			
language_id	Smallint	Number assigned to film language	Foreign	language	
rental_duration	Smallint	Length of rental			
rental_rate	Numeric	Price of film			
length	Smallint	Length of film			
replacement_cost	Numeric	Cost to replace film			
rating	mpaa_rating	Film rating			
last_update	Timestamp	Date entry was last updated			
special_features	Text	Special features included in film			
fulltext	TSVector	Keywords associated with film			

Film_Actor

Columns	Data Type	Description	Keys	Links to	Links from
actor_id	Smallint	Number assigned to actor	Foreign	actor	
film_id	Smallint	Number assigned to film	Foreign	film	
last_update	Timestamp	Date entry was late updated			

Category

Columns	Data Type	Description	Keys	Links to	Links from
category_id	Serial	Number assigned to category	Primary		film_category
name	Varchar	Name of category			
last_update	Timestamp	Date entry was last updated			

Inventory

Columns	Data Type	Description	Keys	Links to	Links from
inventory_id	SERIAL	Number assigned to item	Primary		rental
film_id	Smallint	Number assigned to film	Foreign	film	
store_id	Smallint	Number assigned to store		store	
last_update	Timestamp	Date entry was last updated			

Store

Columns	Data Type	Description	Keys	Links to	Links from
store_id	SERIAL	Number assigned to store	Primary		customer, staff, inventory
manager_staff_id	Smallint	Number assigned to store manager	Foreign	staff	
address_id	Smallint	Number assigned to store address	Foreign	address	
last_update	Timestamp	Date entry was last updated			

Language

Columns	Data Type	Description	Keys	Links to	Links from
language_id	Serial	Number assigned to language	Primary		film
name	Varchar	Name of language			
last_update	Timestamp	Date entry was last updated			