



Rockbuster Stealth LLC

Data Dictionary

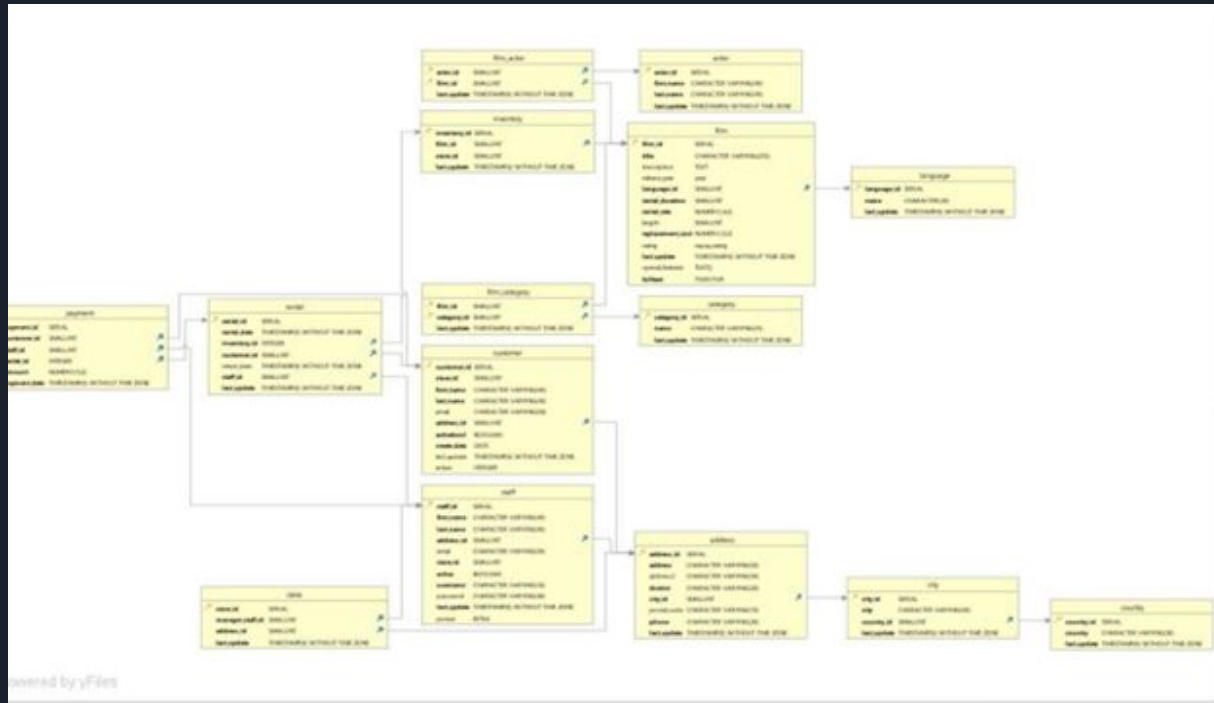
Prepared By; Frederick Ayamga



Table of contents

- ❖ Entity Relationship Diagram (ERD)
- ❖ Legend
- ❖ Facts/Dimension Table


Entity Relationship Diagram (ERD).





Legend

Symbol	Name	Description
	Primary Key	This has to be unique. They can not be modified if its linked
	Foreign Key	This refers to the primary key in another table



Primary Key	Foreign Key	Columns	Data Type	Description	Links
		amount	numeric	Amount of payment	
		customer_id	int2	Customer identity	Customer
		payment_date	timestamp	Date of payment	
		payment_id	serial	Payment reference	
		rental_id	int4	Identity for film rental	Rental
		staff_id	int2	Identity for staff	Staff

Film Actor

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		film_id	int2	Film Identity	Film
		category_id	int2	Category Identity	
		last_update	timestamp	Film last update	

Rental

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		rental_id	serial	Primary key for rent	
		rental_date	timestamp	Date for rent	
		inventory_id	int4	Identity for Inventory	Inventory
		customer_id	int2	Identity for customer	Customer
		return_date	timestamp	Date of return	
		staff_id	int2	Identity for staff	Staff
		last_update	timestamp	Last Date updated	

Actor

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		actor_id	serial	Primary key for Actor	
		first_name	varchar	Actors first name	
		last_name	varchar	Actors Last name	
		last_update	timestamp	Last date updated	

Customer

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		customer_id	serial	Primary key for a customer	
		store_id	int2	Identity for store	
		first_name	varchar	Customers first name	
		last_name	varchar	Customers last name	
		email	varchar	Customers email	
		address_id	int2	Identity for customers address	Address
		activebool	bool	Yes/No for Customer	
		create_date	date	Date for customer creation	
		last_update	timestamp	Last date updated	
		active	int4	0/1 integer if customer is active.	

Address

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		address_id	serial	Primary key for address	
		address	varchar	First line of address	
		address2	varchar	Second line of address	
		district	varchar	District for address	
		city_id	int2	Identity of city	City
		postal_code	varchar	Postal code	
		phone	varchar	Phone number	

Staff

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		staff_id	serial	Primary key for Staff	
		first_name	varchar	Staff first name	
		last_name	varchar	Staff last name	
		address_id	int2	Identity for staff address	Address
		email	varchar	Staff email	
		store_id	int2	Identity for store	
		active	bool	Yes/No for Staff activation	
		username	varchar	Staff username	
		password	varchar	Staff password	
		last_update	timestamp	Last date updated	
		picture	bytea	Staff picture	

Film

Primary Key	Foreign Key	Columns	Data Type	Description	Links
		film_id	serial	Primary key for film identity	
		title	varchar	Film title	
		description	text	Film description	
		release_year	year	Film release year	
		language_id	int2	Identity for film language	
		rental_duration	int2	Film rental duration	Rental
		rental_rate	numeric	Film rental rating	Rental
		length	int2	Film length	
		replacement_cost	numeric	Film replacement cost	
		rating	mpaa_rating	Film rating	
		last_update	timestamp	Film last update	
		special_features	_text	Special features for film	
		fulltext	tsvector	Fulltext for film	