Lam Tu Uyen 2-9-2023

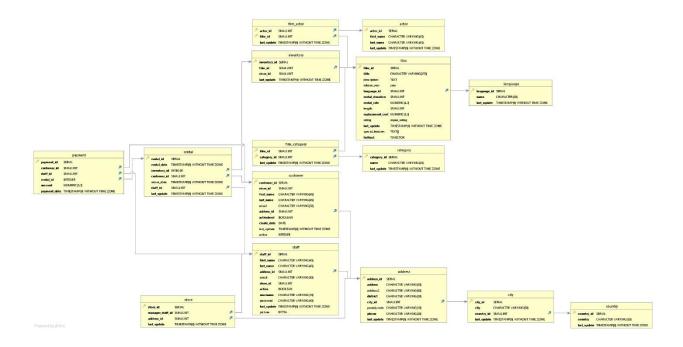
Rockbuster Stealth

Data Dictionary

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I. ENTITY RELATIONSHIP DIAGRAM (ERD)



II. FACT TABLES

1. Rental

	Column	Data Types	Description
O _A	rental_id	integer	rental id number
	rental_date	timestamp without time zone	rental date & time
	inventory_id	integer	inventory id number
	customer_id	smallint	Foreign Key to public.customer customer id number
	return_date	timestamp without time zone	return date & time

staff_id	smallint	Foreign Key to public.staff staff id number
last_update	timestamp without time zone	last update date & time

2. Payment:

Table	Column	Data Types	Description
Q	payment_id	integer	Primary Key payment id number
	customer_id	smallint	Foreign Key to public.customer customer id number
	staff_id	integer	Foreign Key to public.staff staff id number
	rental_id	integer	Foreign Key to public.rental rental id number
	amount	numeric	payment amount in USD
	payment_date	timestamp without time zone	payment date & time

III. DIMENSION TABLES

1. Inventory

Table	Column	Data Types	Description
Q	inventory_id	integer	Primary Key inventory id number
	film_id	smallint	Foreign Key to public.film film id number
	store_id	smallint	store id number
	last_update	timestamp without time zone	last update date & time

2. film

Table	Column	Data Types	Description
Q	film_id	integer	Primary Key
70	mm_id	integer	film id number
	title	character varying	film title
	description	text	film description
	release_year	year	film release year
			Foreign Key to
	language_id	smallint	public.language
			language id number
	rental_duration	smallint	rental duration in days
	rental_rate	numeric	rental rate amount in USD
	length	smallint	film length in minutes
	replacement_cost	numeric	film replacement cost in
	replacement_cost	Humene	USD
	rating	mpaa_rating	film rating based on MPAA
	Tating	mpaa_rating	rating sytem
	last_update	timestamp without time zone	last update date & time
	special_features	text[]	film special features
	fulltext	tsvector	related keywords

3. language

Table	Column	Data Types	Description
Q	language_id	integer	Primary Key language id number
	name	character	language name
	last_update	timestamp without time zone	last update date & time
			Foreign Key to
	category_id	smallint	public.category
			category id number

last_update timestamp without time zone last update date & time	е
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4. film_actor

Table	Column	Data Types	Description
			Primary Key with film_id
	actor_id	smallint	Foreign Key to public.actor
Q			actor id number
	film id	smallint	Foreign Key to public.film
	IIIIII_IG	Siliallill	film id number
	last_update	timestamp without time zone	last update date & time

5. actor

Table	Column	Data Types	Description
Q	actor_id	integer	Primary Key
	actor_ra	integer	actor id number
	first_name	character varying	actor first name
	last_name	character varying	actor last name
	last_update	timestamp without time zone	last update date & time

6. film_category

Table	Column	Data Types	Description
			Primary Key with category_id
	film_id	smallint	Foreign Key to public.film
Q			category id number
**			Foreign Key to
	category_id	smallint	public.category
			category id number
	last_update	timestamp without time zone	last update date & time

7. category

Table	Column	Data Types	Description
Q	category_id	integer	Primary Key
***	outogory_ra	intogoi	category id number
	name	character varying	category name
	last_update	timestamp without time zone	last update date & time

8. store

Table	Column	Data Types	Description
Q	store_id	integer	Primary Key
			store id number
	manager_staff_id	smallint	Foreign Key to public.staff
	ilialiagei_stail_iu		manager staff id number
			Foreign Key to
	address_id	smallint	public.address
			store address id number
	last_update	timestamp without time zone	last update date & time

9. customer

Table	Column	Data Types	Description
Q	customer_id	integer	Primary Key customer id number
	store_id	smallint	store id number
	first_name	character varying	customer first name
	last_name	character varying	customer last name
	email	character varying	customer email
	address_id	smallint	Foreign Key to public.address

		address id number
activebool	boolean	account active status
create_date	date	date the customer account was created
last_update	timestamp without time zone	last update date & time
active	integer	customer active status

10. staff

Table	Column	Data Types	Description
Q	staff_id	integer	Primary Key
70	Stan_iu	integer	staff id number
	first_name	character varying	staff first name
	last_name	character varying	staff last name
			Foreign Key to
	address_id	smallint	public.address
			staff address id number
	email	character varying	staff email
	store_id	smallint	store id number
	active	boolean	account active status
	username	character varying	staff account username
	password	character varying	staff account password
	last_update	timestamp without time zone	last update date & time
	picture	bytea	staff account profile picture

11. address

Table	Column	Data Types	Description
Q	address_id	integer	Primary Key

		address id number
address	character varying	first address
address2	character varying	second address
district	character varying	district name
city_id	smallint	Foreign Key to public.city city id number
postal_code	character varying	postal code
phone	character varying	phone number
last_update	timestamp without time zone	last update date & time

12. city

Table	Column	Data Types	Description
Q	city_id	integer	Primary Key city id number
	city	character varying	city name
			Foreign Key to
	country_id	smallint	public.country
			country id number
	last_update	timestamp without time zone	last update date & time

13. country

Table	Column	Data Types	Description
Q	country_id	integer	Primary Key
	country_ia	integer	country id number
	country	character varying	country name
	last_update	timestamp without time zone	last update date & time