Rockbuster Stealth

DATA DICTIONARY

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ENTITY RELATIONSHIP DIAGRAM
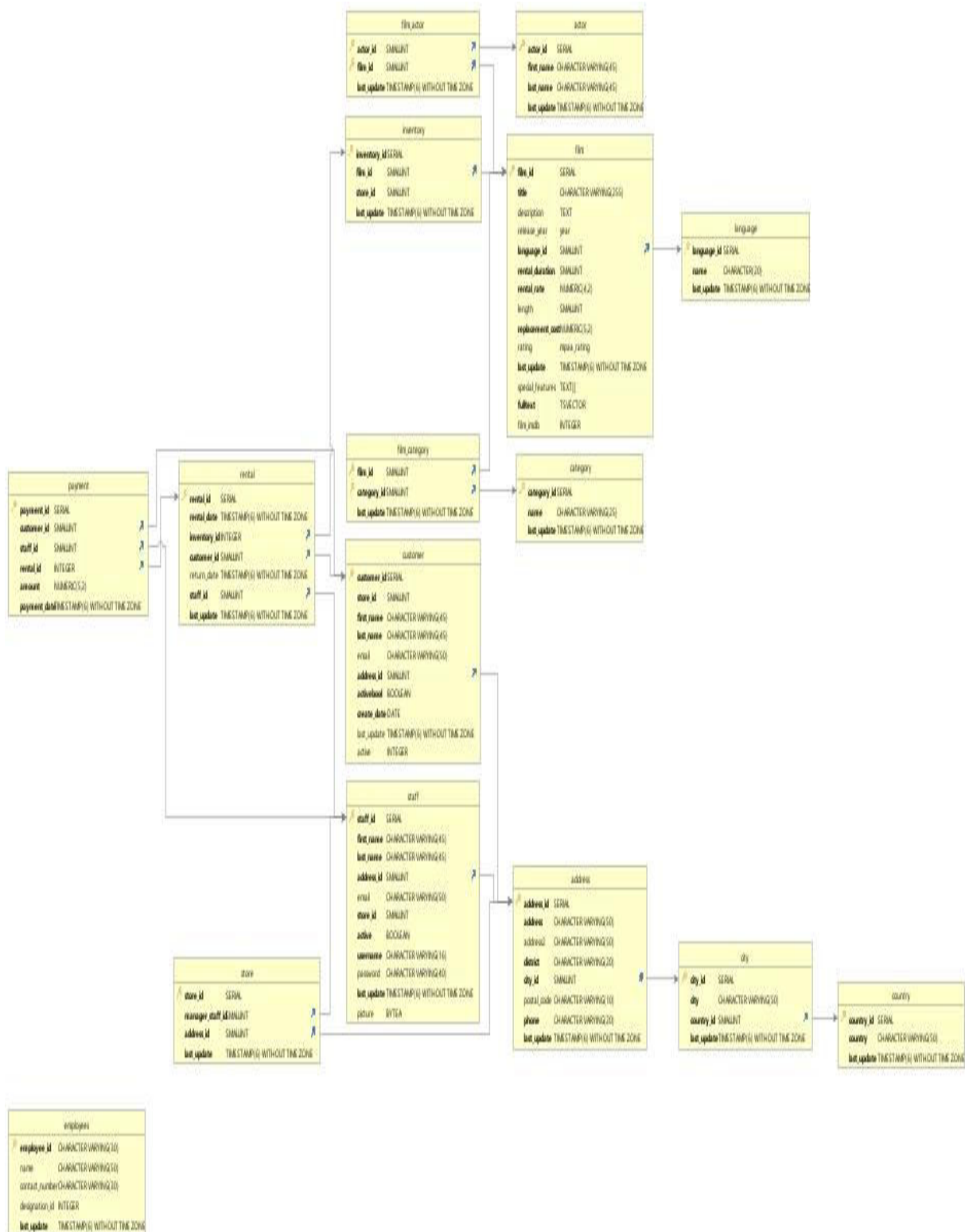
FACT TABLE

Rental

Column	Data Type	Description	KEY	LINKS to	Links From
rental_id	serial	Number assigned to rental	Primary Key		Payment
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
inventory_id	INTEGER	Number assigned to item in the table		Inventory	
customer_id	SMALLINT	Number assigned to customer		Customer	
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned			
staff_id	SMALLINT	Number assigned to employee		Staff	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Dimension tables

Customer

Column	Data Type	Description	Key	Links from	Links to
customer_id	Serial	Number assigned to customer	Primary key		Rental, payment
store_id	smalllint	Number assigned to store			
first_name	Charachtervarying(50)	First name of customer			
last_name	Charachtervarying(45)	Last name of customer			
email	Charactervarying(50)	Email address of customer			
address_id	Smallint	Number assigned to customer's address		Address	
activebool	Boolean	Customer's active status			
create_date	Date	Date entry was created			
Last_update	Timestamp(6)withouttimezone	Date entry was			

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		last updated			
active	integer	Customer's active status			

Payment

Column	Data Type	Description	Key	Link to	Link from
payment_id	SERIAL	Number assigned to payment	Primary Key		
customer_id	SMALLINT	Number assigned to customer		Customer	
staff_id	SMALLINT	Number assigned to employee		Staff	
rental_id	INTEGER	Number assigned to rental		rental	
amount	NUMERIC (5,2)	Amount paid			
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment			

Store

Column	Data Type	Description	Key	Link to	Link from
store_id	SERIAL	Number assigned to store	Primary key		
manager_staff_id	SMALLINT	Number assigned to store manager		staff	
address_id	SMALLINT	Number assigned to store address		address	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film_actor

Column	Data Type	Description	Key	Link to	Link from
actor_id	SMALLINT	Number assigned to actor	Primary Key	Actor	
film_id	SMALLINT	Number assigned to film	Primary Key	Film_id	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Inventory

Column	Data Type	Description	Key	Links to	Links from
inventory_id	SERIAL	Number assigned to item	Primary Key		rental
film_id	SMALLINT	Number assigned to film	Foreign Key	Film	
store_id	SMALLINT	Number assigned to store			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film Category

Column	Data Type	Description	Key	Link from	Link to
film_id	SMALLINT	Number assigned to film	Primary Key		Film
category_id	SMALLINT	Number assigned to genre/category	Primary Key		Category
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Staff

Column	Data Type	Description	Key	Link to	Link from
staff_id	SERIAL	Number assigned to employee	Primary Key		Payment, rental, store
first_name	CHARACTERVARYING(45)	First name of employee			
last_name	CHARACTERVARYING(45)	Last name of employee			
address_id	SMALLINT	Number assigned to employee's address	Foreign Key	address	
email	CHARACTERVARYING(50)	Email address of employee			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Employee active status			
username	CHARACTERVARYING(16)	Username of employee			
password	CHARACTERVARYING(40)	Password of employee			
last_update	TIMESTAMP(6) WITHOUT	Date entry was			

| | TIMEZONE | last updated | | | |
| picture | BYTEA | Picture of employee | | | |

Actor

Column	Data Type	Description	KEY	Links to	Links From
actor_id	SERIAL	Number assigned to actor	Primary Key		Film Actor
first_name	CHARACTERVARYING(45)	First name of actor			
last_name	CHARACTERVARYING(45)	Last name of actor			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film

Column	Data Type	Description	Key	Link to	Link from
film_id	SERIAL	Number assigned to film	Primary Key		Inventory, Film Actor, Film Category
title	CHARACTERVARYING(45)	Title of film			
description	TEXT	Description of film			
release_year	year	Release year of film			
language_id	SMALLINT	Number assigned to film language		Language	
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4,2)	Price of film			
length	SMALLINT	Length of film			
replacement_cost	SMALLINT	Cost of replace of film			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
special_features	TEXT []	Special features included with film			
fulltext	TSVECTOR	Keywords associated with film			

Category

Column	Data Type	Description	Primary Key	Links to	Links From
language_id	SERIAL	Number assigned to language	Primary Key		Film category
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Address

Column	Data Type	Description	Primary Key	Links to	Links From
address_id	SERIAL	Number assigned to address	Primary Key		Store, Staff,Customer
address	CHARACTERVARYING(50)	Street address			
address2	CHARACTERVARYING(50)	Supplementary street address			
district	CHARACTERVARYING(20)	District			
city_id	SMALLINT	Number assigned to City		city	
postal_code	CHARACTERVARYING(10)	Postal code			
phone	CHARACTERVARYING(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Language

Column	Data Type	Description	Primary Key	Links to	Links from
language_id	SERIAL	Number assigned to language	Primary Key		
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

City

Column	Data Type	Description	Primary Key	Links to	Links from
city_id	SERIAL	Number assigned to city	Primary Key		Address
city	CHARACTERVARYING(20)	Name of city			
country_id	SMALLINT	Number assigned to country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Country

Column	Data Type	Description	Primary Key	Links to	Links from
country_id	SERIAL	Number assigned to country	Primary key		city
country	CHARACTERVARYING(50)	Name of country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			