

Rockbuster Stealth

Data Dictionary

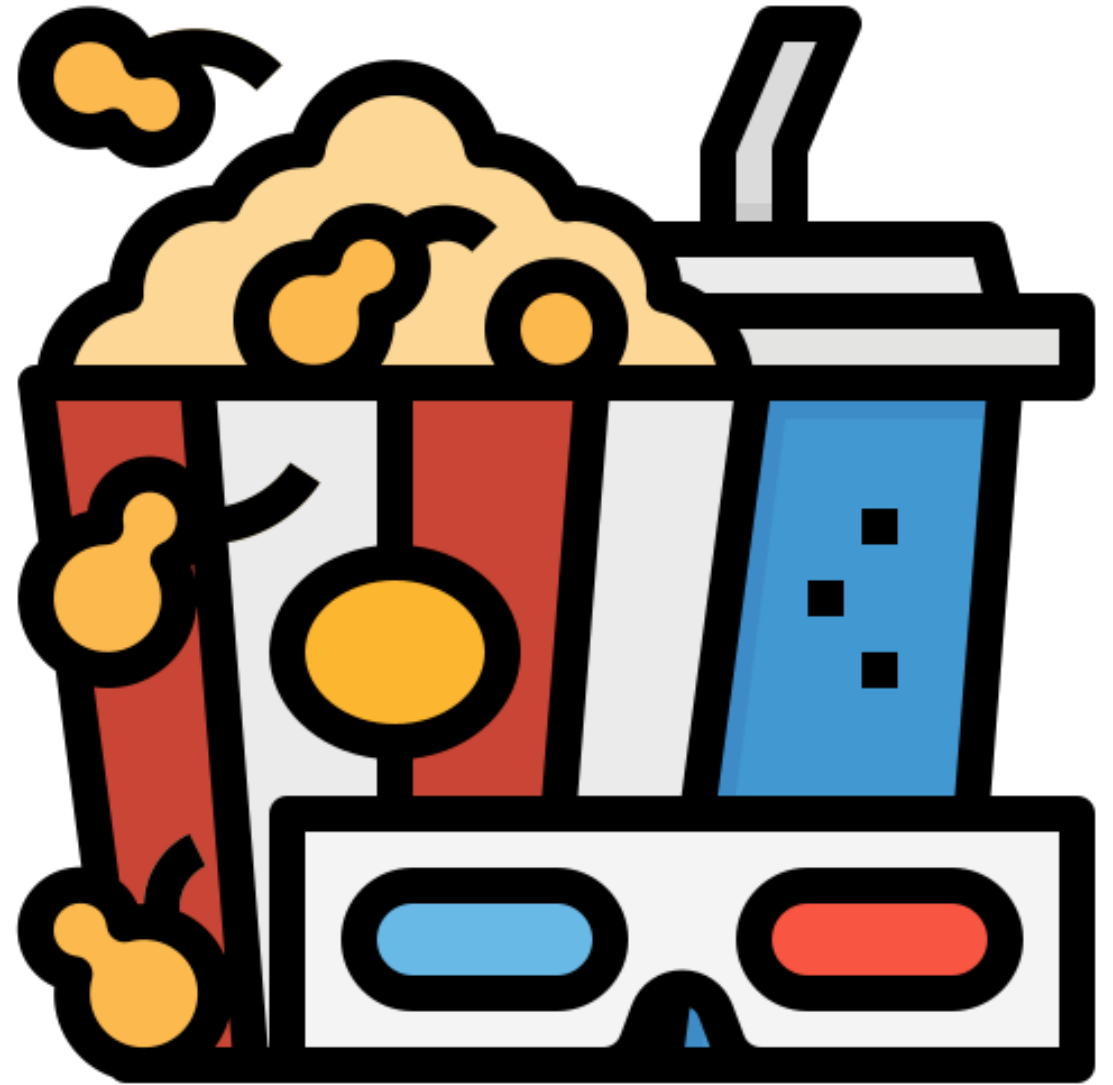
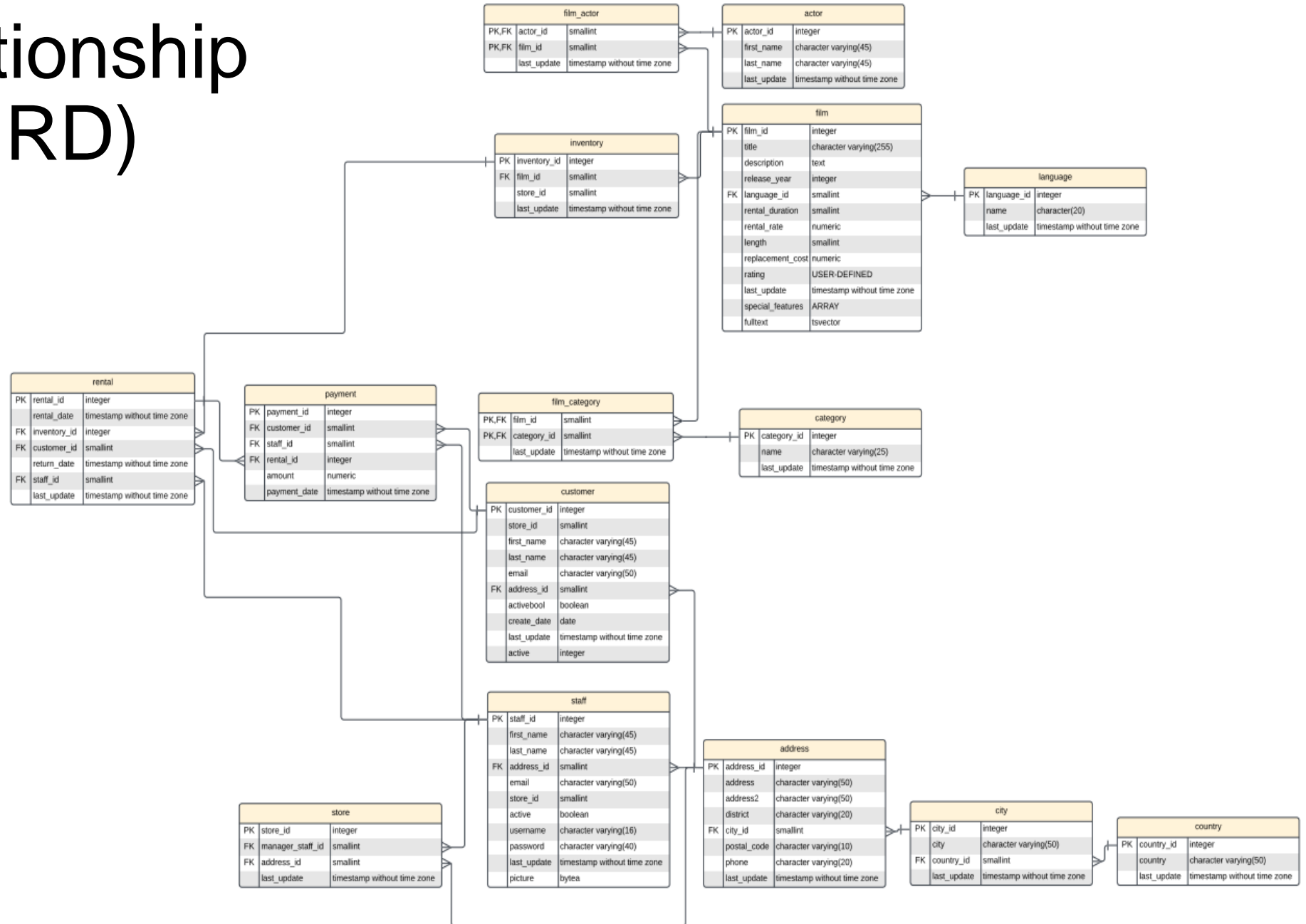


Table of Contents

Table of Contents Entity Relationship Diagram (ERD).....	3
Legend & Fact Table - Rental	4
Dimension Tables - Payment.....	5
Dimension Tables - Customer.....	6
Dimension Tables - Staff	7
Dimension Tables - Film.....	8
Dimension Tables - Film_category.....	9
Dimension Tables - Category.....	10
Dimension Tables - Film_actor	11
Dimension Tables - Inventory.....	12
Dimension Tables - Actor	13
Dimension Tables - Language.....	14
Dimension Tables - Store	15
Dimension Tables - Address.....	16
Dimension Tables - City.....	17
Dimension Tables - Country	18





Entity Relationship Diagram (ERD)







Legend

	Primary Key
	Foreign Key




Fact Tables - Rental

Key	Columns	Data Type	Description	Links With
	rental_id	Serial	ID number provided for the individual rent event.	Payment
	rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date in which the rent occurred.	
	inventory_id	INTEGER	ID number of the product contained in the rental.	Inventory
	customer_id	SMALLINT	ID number for the client.	Customer
	return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date which the return should occur.	
	staff_id	SMALLINT	ID number of the staff member that worked on the event	Staff
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update on the event.	




Dimension Tables - Payment

Key	Columns	Data Type	Description	Links With
	payment_id	SERIAL	ID number for the transaction	
	customer_id	SMALLINT	ID number for the client.	Customer
	staff_id	SMALLINT	ID number of the staff member that worked on the event	Staff
	rental_id	INTEGER	ID number provided for the individual rent event	Rental
	amount	NUMERIC (5,2)	Total monetary value of the payment	
	payment_date	TIMESTAMP(6) WIHOUT TIME ZONE	Date in which the payment was done	



Dimension Tables - Customer

Key	Columns	Data Type	Description	Links With
	customer_id	SERIAL	ID number for the client.	Payment, Rental
	store_id	SMALLINT	ID number for the store	Store
	first_name	CHARACTER VARYING(45)	First name of the client	
	last_name	CHARACTER VARYING(45)	Last name of the client	
	email	CHARACTER VARYING(50)	Email address of the client	
	address_id	SMALLINT	ID number for the client address	Address
	activebool	BOOLEAN	Client is active or inactive option	
	create_date	DATE	Date which the customer was created on the system	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event	
	active	INETEGER	Client is active or inactive option	



Dimension Tables - Staff

Key	Columns	Data Type	Description	Links With
	staff_id	SERIAL	ID number of the staff member that worked on the event	Payment, Rental
	first_name	CHARACTER VARYING(45)	First name of the staff member	
	last_name	CHARACTER VARYING(45)	Last name of the staff member	
	address_id	SMALLINT	Address of the staff member	Address
	email	CHARACTER VARYING(50)	Email of the staff member	
	store_id	SMALLINT	ID number for the store	Store
	active	BOOLEAN	Staff is active or inactive option	
	username	CHARACTER VARYING(16)) Staff login information	
	password	CHARACTER VARYING(40)	Staff password information	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	
	picture	BYTEA	Staff is active or inactive option	


Dimension Tables - Film

Key	Columns	Data Type	Description	Links With
	film_id	SERIAL	ID number for the movie	Film Actor, Film Category, Inventory
	title	CHARACTER VARYING(25)	Text, Title of the movie	
	description	TEXT	Text, description of the movie	
	release_year	year	Year in which the movie was released	
	language_id	SMALLINT	Languages which the movie is available	Language
	rental_duration	SMALLINT	Duration of the rental for this movie	
	rental_rate	NUMERIC(4,2)	Cost of the rental	
	length	SMALLINT	Length of the movie	
	replacement_cost	NUMERIC(5,2)	Cost of a replacement unity	
	rating	mpaa_rating	Rating of the movie according to the MPAA ruling	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	
	special_feature	TEXT	Special features available in the movie	
	fulltext	TSVECTOR	Keywords, metatags	



Dimension Tables - Film_category

Key	Columns	Data Type	Description	Links With
	film_id	SERIAL	ID number for the movie	Film
	category_id	SMALLINT	ID number for the category of the movie	Category
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	




Dimension Tables - Category

Key	Columns	Data Type	Description	Links With
	category_id	SERIAL	ID number for the category of the movie	Film Category
	name	CHARACTER VARYING(25)	Name of the movie category	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	


Dimension Tables - Film_actor

Key	Columns	Data Type	Description	Links With
	actor_id	SMALLINT	ID number for the actor on the movie	Actor
	film_id	SMALLINT	ID number for the movie	Film
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	


Dimension Tables - Inventory

Key	Columns	Data Type	Description	Links With
	inventory_id	SERIAL	ID number of the product contained in the rental.	Rental
	film_id	SMALLINT	ID number for the movie	Film
	store_id	SMALLINT	ID number of the store in which the event happened	Store
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	



Dimension Tables - Actor

Key	Columns	Data Type	Description	Links With
	actor_id	SERIAL	ID number for the actor on the movie	Film Actor
	first_name	CHARACTER VARYING(45)	Text, first name of the actor	
	last_name	CHARACTER VARYING(45)	Text, last name of the actor	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	



Dimension Tables - Language

Key	Columns	Data Type	Description	Links With
	language_id	SERIAL	ID for the language of the movie	Film
	name	CHARACTER(20)	Name of the language	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event	



Dimension Tables - Store

Key	Columns	Data Type	Description	Links With
	store_id	SERIAL	ID number for the store.	Customer, Inventory, Staff
	manager_staff_id	SMALLINT	ID number of the manager	
	address_id	SMALLINT	Address of the store	Address
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	


Dimension Tables - Address

Key	Columns	Data Type	Description	Links With
	address_id	SERIAL	ID number for the address	Customer, Staff, Store
	address	CHARACTER VARYING(50)	Address part 1	
	address2	CHARACTER VARYING(50)	Address part 2	
	district	CHARACTER VARYING(20)	District of the address	
	city_id	SMALLINT	City where the address is	City
	postal_code	CHARACTER VARYING(10)	Postal code of the address	
	phone	CHARACTER VARYING(20)	Phone number registered with address	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	

Dimension Tables - City

Key	Columns	Data Type	Description	Links With
	city_id	CHARACTER VARYING(50)	ID number for the City	Address
	country_id	SMALLINT	ID number for the Country	Country
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	

Dimension Tables - Country

Key	Columns	Data Type	Description	Links With
	country_id	SERIAL	ID number for the country	City
	country	CHARACTER VARYING(50)	Country name	
	last_update	TIMESTAMP(6) WIHOUT TIME ZONE	Last update on the event.	