Project - Rockbuster Stealth
Data Dictionary

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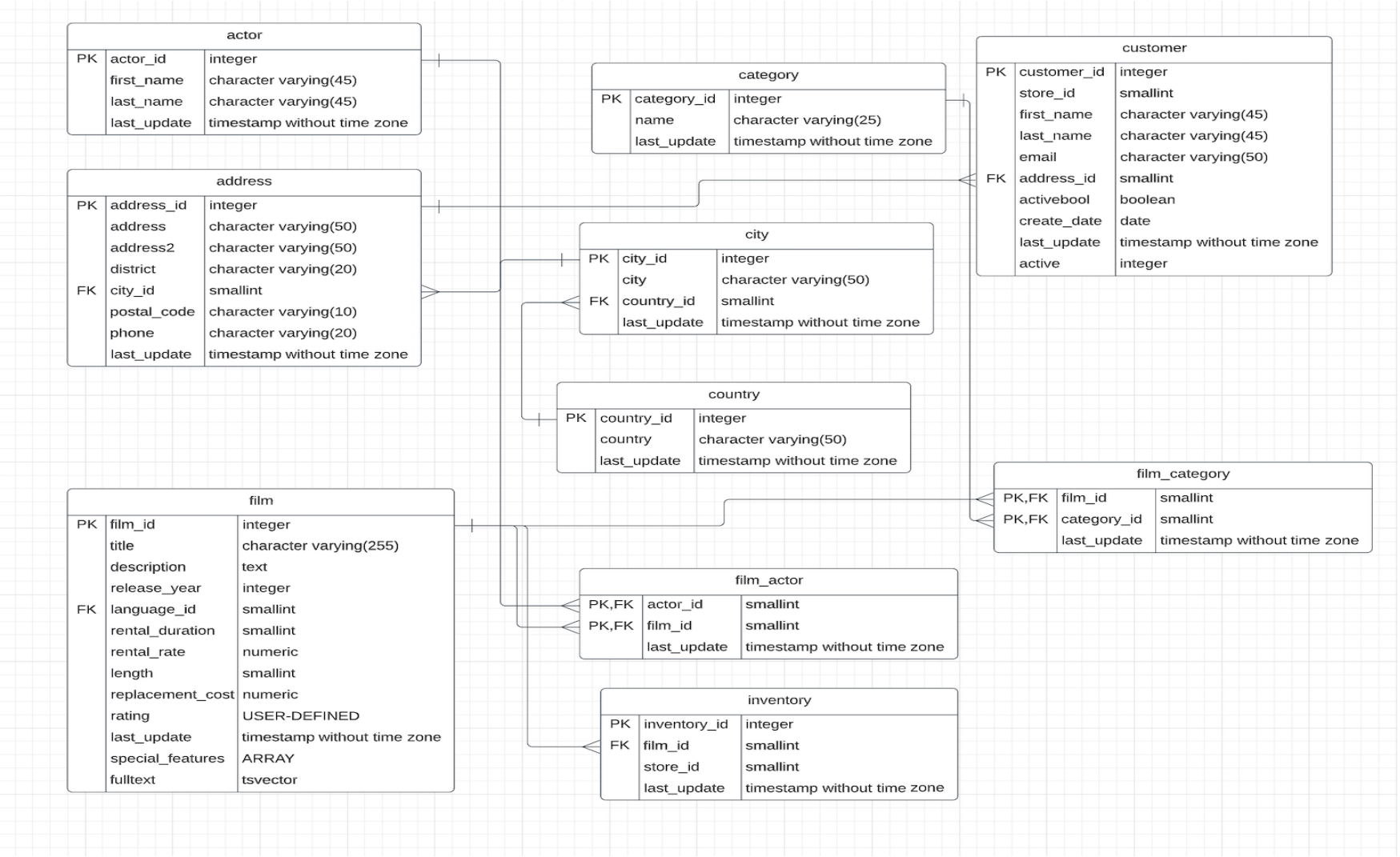
Project - Rockbuster Stealth: Entity Relationship Diagram (ERD): (Lucidchart)



2. Dimension Table:

Table name	Column name	Data type	Description
2.1 Actor	actor_id	integer	Actor identification number
Dimension Table	last_update	timestamp without a time zone	The last status updated time
	first_name(45)	character varying	Actor first name
	last_name(45)	character varying	Actor second name
2.2 Address	address_id	integer	Address Identification number unique to a specific address
Dimension Table	city_id	smallint	City identification number unique to each city
	address(50)	character varying	Name of the street - parts of Address (letters or numbers)
	district	character varying	District name
	postal_code	character varying	Postal codes with numbers and letters
	address2	character varying	Street name or whatever the parts of the address (name or a number)
	last_update	timestamp without a time zone	The last status updated time
	phone	character varying	Phone number
2.3 Category	category_id	integer	Category identification number unique for each category
Dimension Table	Name (25)	character varying	Name of the category
	last_update	timestamp without a time zone	The last status updated time

2.4 City	city_id	integer	City identification number unique to each city
Dimension Table	country_id	smallint	Country identification number unique to each country
	last_update	timestamp without a time zone	The last status updated time
	city	character varying	City name
2.5 Country	country_id	integer	Country identification number unique to each country
Dimension Table	last_update	timestamp without a time zone	The last status updated time
	country	character varying	Country name
2.6 Customer	customer_id	integer	Customer identification number unique for each customer
Dimension Table	address_id	smallint	Address Identification number unique to a specific address
	store_id	smallint	Store identification number for each store
	email	character varying	Email address -with letters and numbers
	last_update	timestamp without a time zone	The last status updated time
	first_name	character varying	Customers' first name
	last_name	character varying	Customer last name
	activebool	boolean	The value should be True/False -an indication of the activity of the customer
	active	integer	Indication of activity of the customer
	create_date	date	Date created

2.7 Film	film_id	integer	Identification number unique for each film
Dimension Table	language_id	smallint	Language of the film The number is allocated for each language
	replacement_cost	numeric(5.2)	The numeric value for replacement cost
	rental_duration	smallint	Period of rental in days
	title	character varying	Film title
	rental_rate	numeric(4.2)	The numeric value of the rate of rental
	length	smallint	Duration of the film length (numeric value indicates whole minutes)
	fulltext	vector	A vector value merges different variants of the same word and removes duplicates to create a sorted list of distinct words called lexemes
	release_year	integer	Film released year
	last_update	timestamp without a time zone	The last status updated time
	rating	USER-DEFINED	Rating of the user-
	description	text	Description of the film
	special_features	ARRAY	The text indicated unique features in the film
2.8 Language	language_id	integer	The number which is allocated for each language of the film is published
Dimension Table	name	character	Name of the language of the film
	last_update	timestamp without a time zone	The last status updated time
2.9 Staff	staff_id	integer	Identification of each staff member
Dimension Table	address_id	smallint	Address Identification number unique to a specific address

	active	boolean	Activity status of the staff true/false value
	picture	bytes	BYTEA data type allows storage of binary strings- Storage of pictures each staff member
	last_name	character varying	Last name of the staff member
	first_name	character varying	First name of the staff member
	username	character varying	User name of the staff member
	password	character varying	The password of the staff member
	email	character varying	Email Address
	store_id	smallint	Store identification number for each store
	last_update	timestamp without a time zone	The last status updated time
2.10 Store	store_id	integer	Store identification number for each store
Dimension Table	address_id	smallint	Address Identification number unique to a specific address
	manager_staff_id	smallint	Identification number for each Manager in the staff
	last_update	timestamp without a time zone	The last status updated time

3. Fact Tables:

3.1 Film Category	film_id	smallint	Identification number unique for each film
Fact Table	category_id	smallint	Category identification number unique for each category
	last_update	timestamp without a time zone	The last status updated time
3.2 Inventory	inventory_id	integer	Identification number for each Inventory
Fact Table	film_id	smallint	Identification number unique for each film
	store_id	smallint	Store identification number for each store
	last_update	timestamp without a time zone	The last status updated time
3.3 Payment	payment_id	integer	A unique value for each payment for identification
Fact Table	customer_id	smallint	Customer identification number unique for each customer
	rental_id	integer	Identification number for each rental
	staff_id	smallint	Identification of each staff member
	payment_date	timestamp without a time zone	Date of the payment
	amount	numeric	Amount of the payment
3.4 Rental	rental_id	integer	Identification number for each rental
Fact table	customer_id	smallint	Customer identification number unique for each customer
	inventory_id	integer	Identification number for each Inventory
	staff_id	smallint	Identification of each staff member
	return_date	timestamp without a time zone	Date of return

	last_update	timestamp without a time zone	The last status updated time
	rental_date	timestamp without a time zone	Date of rented
3.5 Film Actor	actor_id	smallint	Actor identification number unique for each actor
Fact Table	film_id	smallint	Identification number unique for each film
	last_update	timestamp without a time zone	The last status updated time