ROCKBUSTER STEALTH LLC

DATA DICTIONARY

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Entity Relationship Diagram (ERD)
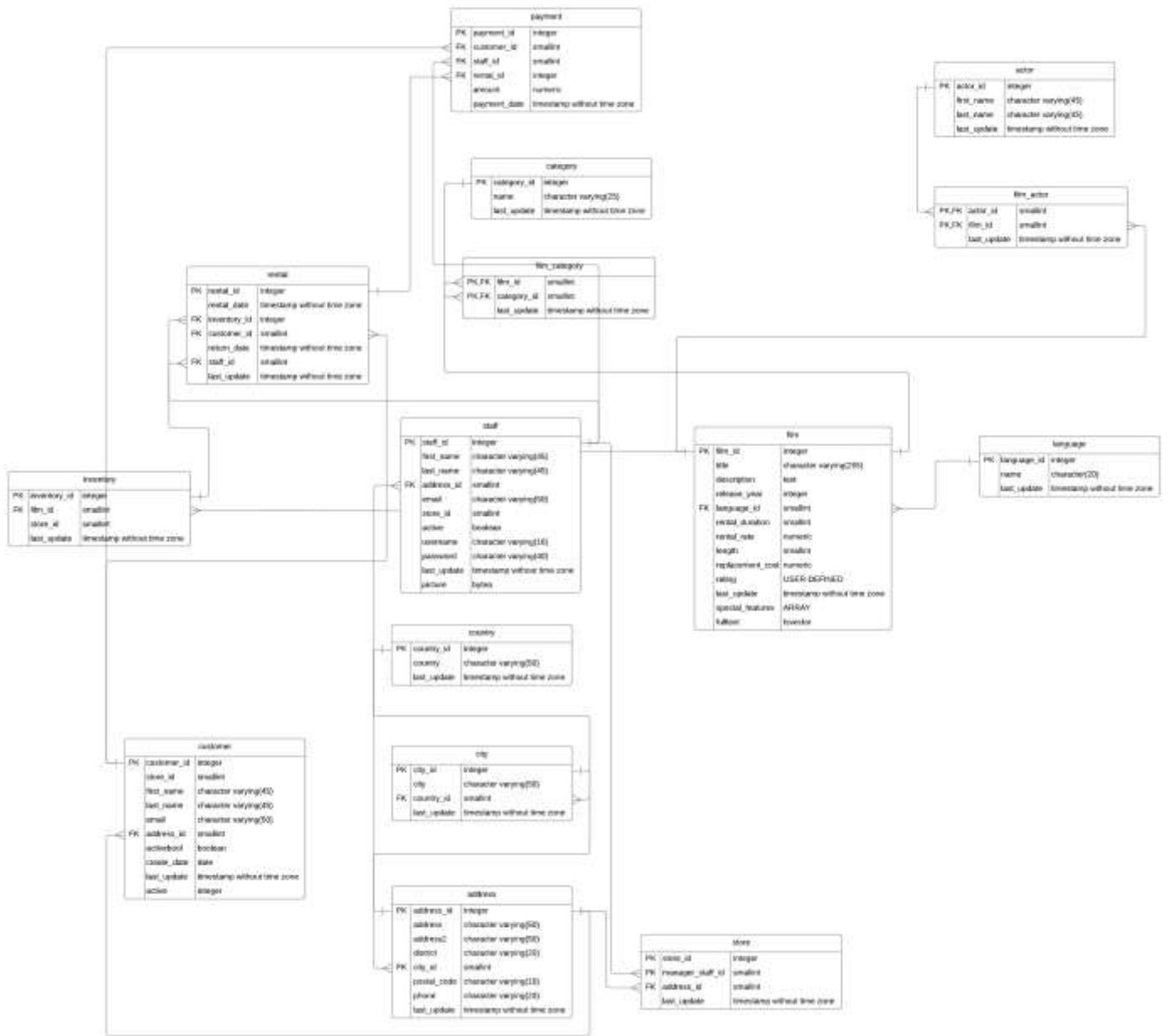
FILM TABLE

Key	Column	Data Types	Description
PRIMARY	**Film_id**	integer	Unique id for film
	title	character varying (255)	Title of film
	description	text	Description of film
	release_year	integer	Unique year for the release of the film
FOREIGN	**language_id**	smallint	Unique id for the language of the film
	rental_duration	smallint	Duration of films rental in days
	rental_rate	numeric	cost of rental
	lenght	smallint	Lenght of film
	replacement cost	numeric	Cost of replacing if rental not returned
	rating	USER-DEFINED	Rating of film
	last_update	timestamp without time zone	last update of the table
	special_features	ARRAY	Features of the film
	fulltext	tsvector	index for film

Film Table Links To:

TABLE	LINK
Language	film.language_id=language.laguage_id

Film Table Links From:

TABLE	LINK
Film Category	film_category.film_id = film.film_id
Inventory	inventory.film_id = film.film_id
Film Actor	film_actor.film_id = film.film_id

FILM CATEGORY TABLE

Key	Columns	Data Type	Description
PRIMARY/FOREIGN	**Film_id**	smallint	Unique id for the film
PRIMARY/FOREIGN	**Category_id**	smallint	Unique id for the category
	last_update	timestamp without time zone	last update of the table

Film Category Table Links To:

TABLE	LINK
Category	film_category.category_id = category.category_id
Film	film_category.film_id = film.film_id

Film Category Table Links From: N/A

FILM ACTOR TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY/FOREIGN	**Actor_id**	smallint	Uniq id for Actor
PRIMARY/FOREIGN	**Film_id**	smallint	Uniq id for Film
	last_update	timestamp without time zone	last update of the table

Film Actor Table Links To:

TABLE	LINK
Film	film_actor.film_id = film.film_id
Actor	film_actor.actor_id = actor.actor_id

Film Actor Table Links From: N/A

ACTOR TABLE			
Key	**Columns**	Data Type	Description
PRIMARY	**Actor_id**	integer	Uniq id of Actor
	first_name	character varying (45)	First name of Actor
	last_name	character varying (45)	Last name of Actor
	last_update	timestamp without time zone	last update of the table

Actor Table Links To: N/A

Actor Table Links From:

TABLE	LINK
Film Actor	film_actor.actor_id = actor.actor_id

INVENTORY TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY	**Inventory_id**	integer	Uniq id for inventory item
FOREIGN	**film_id**	smallint	Uniq id for film
	store_id	smallint	uniq id for store
	last_update	timestamp without time zone	last update of the table

Inventory Table Links To:

TABLE	LINK
Film	inventory.film_id = film.film_id

Inventory Table Links FROM:

TABLE	LINK
Rental	rental.inventory_id = inventory.inventory_id

RENTAL TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY	**Rental_id**	integer	Uniq id for Rental
	rental_date	timestamp without time zone	Date of rental
FOREIGN	**inventory_id**	integer	Uniq id of inventory
FOREIGN	**customer_id**	smallint	Uniq id of customer
	return_date	timestamp without time zone	Date of return
FOREIGN	**staff_id**	smallint	Uniq id of staff
	last_update	timestamp without time zone	last update of the table

Rental Table Links To:

TABLE	LINK
Inventory	rental.inventory_id = inventory.inventory_id
Customer	rental.customer_id = customer.customer_id
Staff	rental.staff_id = staff.staff_id

Rental Table Links From:

TABLE	LINK
Payment	payment.rental_id = rental.rental_id

STAFF TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY	**Staff_id**	integer	Uniq id of staff member
	first_name	character varying (45)	First name of staff memeber
	last_name	character varying (45)	Last name of staff memeber
FOREIGN	**address_id**	smallint	Address id of staff member
	email	character varying (50)	email of staff member
	store_id	smallint	Unique id of store
	active	boolean	Active or not: yes/no
	username	character varying (16)	Username of staff member
	password	character varying (40)	Password of staff memeber
	last_update	timestamp without time zone	last update of the table
	picture	bytea	picture of staff member

Staff Table Links TO:

TABLE	LINK
Address	staff.address_id = address.address_id

Staff Table Links FROM:

TABLE	LINK
Store	store.manager_staff_id = staff.staff_id
Rental	rental.staff_id = staff.staff_id
Payment	payment.staff_id = staff.staff_id

COUNTRY TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY	**Country_id**	integer	Uniq id for country
	Country	character varying (50)	Country name
	last_update	timestamp without time zone	last update of the table

Country Table Links To: N/A

Country Table Links From:

TABLE	LINK
City	city.country_id = country.country_id

CITY TABLE			
Key	**Columns**	**Data Type**	**Description**
PRIMARY	**City_id**	integer	Uniq id for city
	City	character varying (50)	City name
FOREIGN	**Country_id**	smallint	Uniy id for country
	last_update	timestamp without time zone	last update of the table

CITY Table Links TO:

TABLE	LINK
Country	city.country_id = country.country_id

CITY Table Links From:

TABLE	LINK
Address	address.city_id = city.city_id

ADDRESS TABLE

Key	Columns	Data Type	Description
PRIMARY	**Address_id**	integer	Uniq id for Adress
	Address	character varying (50)	First line of address
	Address2	character varying (50)	The second line of address
	district	character varying (20)	Region of address
FOREIGN	**City_id**	smallint	Uniq id for city
	postal_code	character varying (10)	Postal code for address
	phone	character varying (20)	Phone number for address
	last_update	timestamp without time zone	last update of the table

Address Table Links To:

TABLE	LINK
City	address.city_id = city.city_id

Address Table Links From:

TABLE	LINK
Staff	staff.address_id = address.address_id
Store	store.address_id = address.address_id
Customer	customer.address_id = address.address_id

STORE TABLE

Key	Columns	Data Type	Description
PRIMARY	**Store_id**	integer	Unique id for store
FOREIGN	**Manager staff id**	smallint	unique if for manager staff
FOREIGN	**Address_id**	smallint	Adress id of manager staff
	last_update	timestamp without time zone	last update of the table

Store Table Links To:

TABLE	LINK
Staff	store.manager_staff_id = staff.staff_id
Address	store.address_id = address.address_id

Store Table Links From: N/A

LANGUAGE TABLE

Key	Columns	Data Type	Description
PRIMARY	**Language_id**	integer	Unique id for language
	name	character (20)	Name of the language
	last_update	timestamp without time zone	last update of the table

Language Table Links To: N/A

Language Table Links From:

TABLE	LINK
Film	film.language_id = language.language_id

CATEGORY TABLE

Key	Columns	Data Type	Description
PRIMARY	**Category_id**	integer	Unique id for category
	name	character (25)	Name of category
	last_update	timestamp without time zone	last update of the table

Category Table Links To: N/A

Category Table Links From:

TABLE	LINK
Film Category	film_category.category_id = category.category_id

CUSTOMER TABLE

Key	Columns	Data Type	Description
PRIMARY	**Customer_id**	integer	Unique id of customer
	store_id	smallint	Unique id of store
	first_name	character varying (45)	First Name of customer
	last_name	character varying (45)	Last Name of customer
	email	character varying (50)	Email of customer
FOREIGN	**address_id**	smallint	Address id of the store
	activebool	boolean	true/false customer active
	create_date	date	Date when customer is first entered
	last_update	timestamp without time zone	last update of the table
	active	integer	number

Customer Table Links To:

TABLE	LINK
Address	customer.address_id = address.address_id

Customer Table Links From:

TABLE	LINK
Rental	rental.customer_id = customer.customer_id
Payment	payment.customer_id = customer.customer_id

PAYMENT TABLE			
Key	Columns	Data Type	Description
PRIMARY	Payment_id	integer	Unique id of payment
FOREIGN	customer_id	smallint	Unique id of customer
FOREIGN	staff_id	smallint	Unique id of member
FOREIGN	rental_id	integer	Unique id of rental
	amount	integer	Amount in numerical value
	payment_date	timestamp without time zone	Payment date and time

Payment Table Links To:

TABLE	LINK
Customer	payment.customer_id = customer.customer_id
Staff	payment.staff_id = staff.staff_if
Rental	payment.rental_id = rental.rental_id

Payment Table Links From: N/A