
**Rockbuster
Stealth LLC**

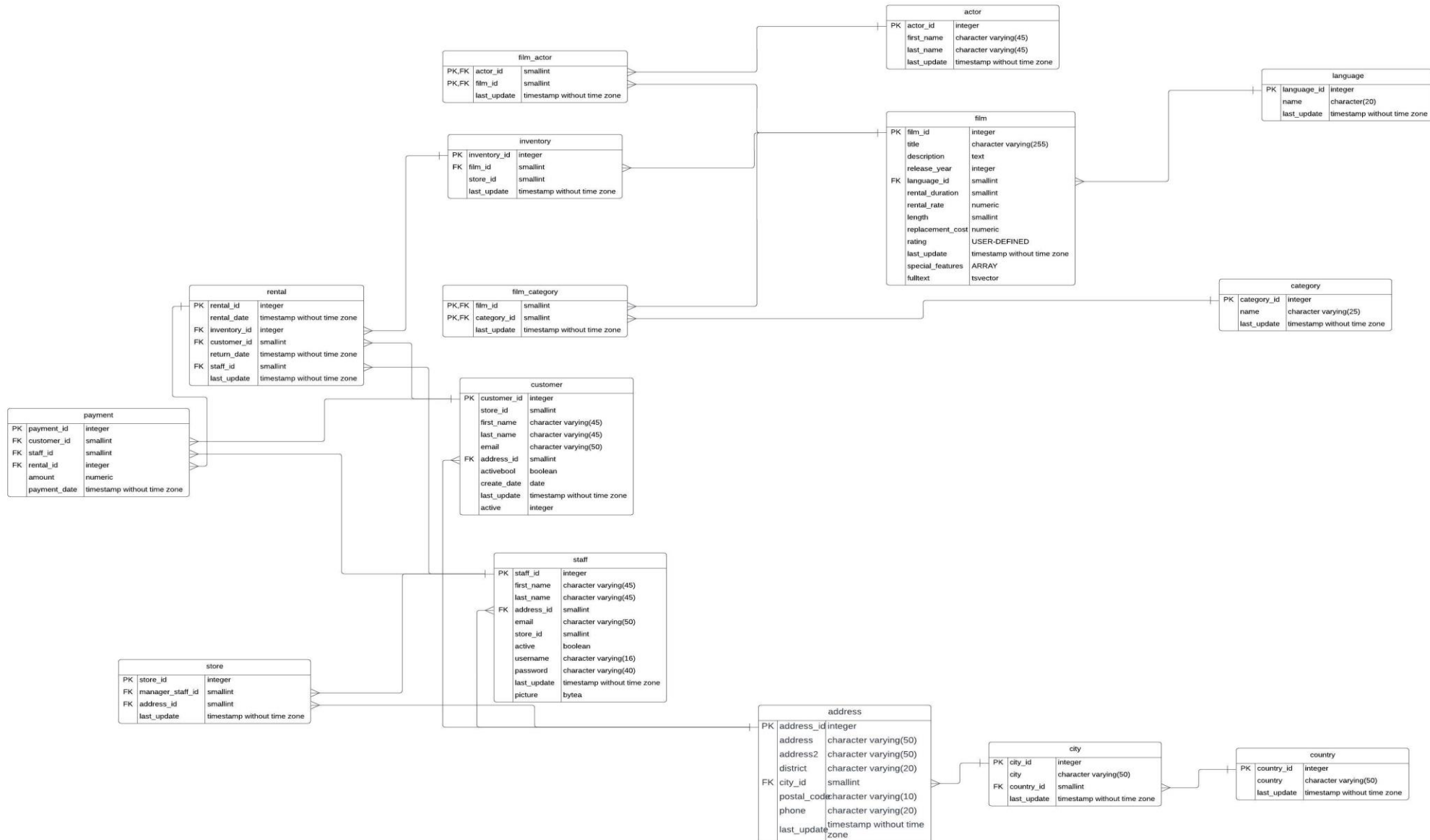
Data Dictionary

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TABLE OF CONTENTS

1. Rockbuster Entity Relationship Diagram (ERD)	3
2. Fact Tables	4
2.1 Payment Table	4
2.2 Rental Table	4
3. Dimension Tables	5
3.1 Store Table	5
3.2 Film Actor	5
3.3 Inventory Table	6
3.4 Film Category Table	6
3.5 Customer Table	7
3.6 Staff Table	8
3.7 Actor Table	8
3.8 Film Table	9
3.9 Category Table	10
3.10 Address Table	10
3.11 Language Table	11
3.12 City Table	11
3.13 Country Table	11

1. ROCKBUSTER ENTITY RELATIONSHIP DIAGRAM (ERD)



2. FACT TABLES

2.1 Payment Table

Column	Data Type	Description
Payment_ID	Serial	Primary Key
Customer_ID	Integer(smallint)	Foreign Key to Customer table
Staff_ID	Integer(smallint)	Foreign Key to Staff table
Rental_ID	Integer	Foreign Key to Rental table
Amount	Integer (numeric (5,2))	Payment amount to two decimal places
Payment_Date	Timestamp without timezone	Date and time of payment

2.2 Rental Table

Column	Data Type	Description
Rental_ID	Serial	Primary Key
Rental_date	Timestamp without timezone	Date and time movie was rented
Inventory_ID	Integer(smallint)	Foreign Key to inventory table
Customer_ID	Integer(smallint)	Foreign Key to customer table
Return_date	Timestamp without timezone	Date and time movie was returned
Staff_ID	Integer(smallint)	Foreign Key to inventory table
Last_Update	Timestamp without timezone	Date and time records were updated

3. DIMENSION TABLES

3.1 Store Table

Column	Data Type	Description
Rental_ID	Serial	Primary Key
Store_ID	Integer	Foreign Key to store table
Manager_staff_ID	Integer(smallint)	Foreign Key to staff table
Address_ID	Integer(smallint)	Foreign Key to address table
Last_updated	Timestamp without timezone	Date and time records were updated

3.2 Film Actor Table

Column	Data Type	Description
actor_id	Integer(smallint)	Composite Primary Key to identify each actor (Foreign Key to Actor table)
Film_id	Integer(smallint)	Composite Primary Key to identify each film (Foreign Key to Film table)
Last_update	Timestamp without timezone	Date and time records were updated

3. DIMENSION TABLES

3.3 Inventory Table

Column	Data Type	Description
Inventory_ID	Serial	Primary Key
Film_ID	Integer(smallint)	Foreign Key to film table
Store_ID	Integer(smallint)	Foreign Key to store table
Last_update	Timestamp without timezone	Date and time records were updated

3.4 Film Category Table

Column	Data Type	Description
Film_ID	Integer(smallint)	Composite Primary Key to identify each film (Foreign Key to film table)
Category_ID	Integer(smallint)	Composite Primary Key to identify each category the film falls into (Foreign Key to Category table)
Last_update	Timestamp without timezone	Date and time records were updated

3. DIMENSION TABLES

3.5 Customer Table

Column	Data Type	Description
Customer_ID	Serial	Primary Key
Store_ID	Integer(smallint)	Foreign Key to store table
First_name	VARCHAR	Text – First name of customer
Last_name	VARCHAR	Text – Last name of customer
Email	VARCHAR	Text – email address of customer
Address_ID	Integer(smallint)	Foreign Key to address table
Activebool	Boolean	Yes/No – is the customer active
Create_date	Date	Date when customer was recorded
Last_update	Timestamp without timezone	Date and time records were updated
Active	Integer	If the customer is active or not

3. DIMENSION TABLES

3.6 Staff Table

Column	Data Type	Description
Staff_ID	Serial	Primary Key
First_name	VARCHAR	Text – First name of staff member
Last_name	VARCHAR	Text – Last name of staff member
Address_id	Integer(smallint)	Foreign Key to address table
Email	VARCHAR	Text – email address of staff member
Store_id	Integer(smallint)	Foreign Key to store table
Active	Integer	If the staff member is active or not
Username	VARCHAR	Text – Username of staff member
Password	VARCHAR	Text – Password of staff member
Last_update	Timestamp without timezone	Date and time records were updated
Picture	BYTEA	Picture of staff

3.7 Actor Table

Column	Data Type	Description
<u>Actor_ID</u>	Serial	Primary Key
First_name	VARCHAR	Text – First name of actor
Last_name	VARCHAR	Text – Last name of actor
Last_update	Timestamp without timezone	Date and time records were updated

3. DIMENSION TABLES

3.8 Film Table

Column	Data Type	Description
Film_ID	Serial	Primary Key
Title	VARCHAR	Text – Title of the film
Description	Text	Text – Description of the film
Release_year	Integer	Release year
Language_ID	Integer(smallint)	Foreign Key to language table
Rental_duration	Integer(smallint)	Duration of rental length
Rental_rate	Numeric(4,2)	Rate of rental – two decimal places
Length	Integer(smallint)	Length of film
Replacement_cost	Numeric(5,2)	Replacement cost
Rating	Mpaa_rating	Film Rating
Last_update	Timestamp without timezone	Date and time records were updated
Special_features	Text	Additional information about the film
Fulltxt	tsvector	Additional information about film content

3. DIMENSION TABLES

3.9 Category Table

Column	Data Type	Description
Category_ID	Serial	Primary Key
Name	VARCHAR	Text – Category name
Last_Update	Timestamp without timezone	Date and time records were updated

3.10 Address Table

Column	Data Type	Description
Address_ID	Serial	Primary Key
Address	VARCHAR	Text – Address information
Address 2	VARCHAR	Text – Address information
District	VARCHAR	Text – Address information
City_ID	Integer(smallint)	Foreign Key to City table
Postal_Code	VARCHAR	Address Information
Phone	VARCHAR	Phone Information
Last_Update	Timestamp without timezone	Date and time records were updated

3. DIMENSION TABLES

3.11 Language Table

Column	Data Type	Description
Language_ID	Serial	Primary Key
Name	VARCHAR	Text - Language of film
Last_Update	Timestamp without timezone	Date and time records were updated

3.12 City Table

Column	Data Type	Description
City_id	Serial	Primary Key
City	VARCHAR	Text- City Name
Country_id	Integer(smallint)	Foreign Key to Country table
Last_update	Timestamp without timezone	Date and time records were updated

3.13 Country Table

Column	Data Type	Description
Country_ID	Serial	Primary Key
Country	VARCHAR	Text- Country Name
Last_update	Timestamp without timezone	Date and time records were updated