# ROCKBUSTER COMPANY

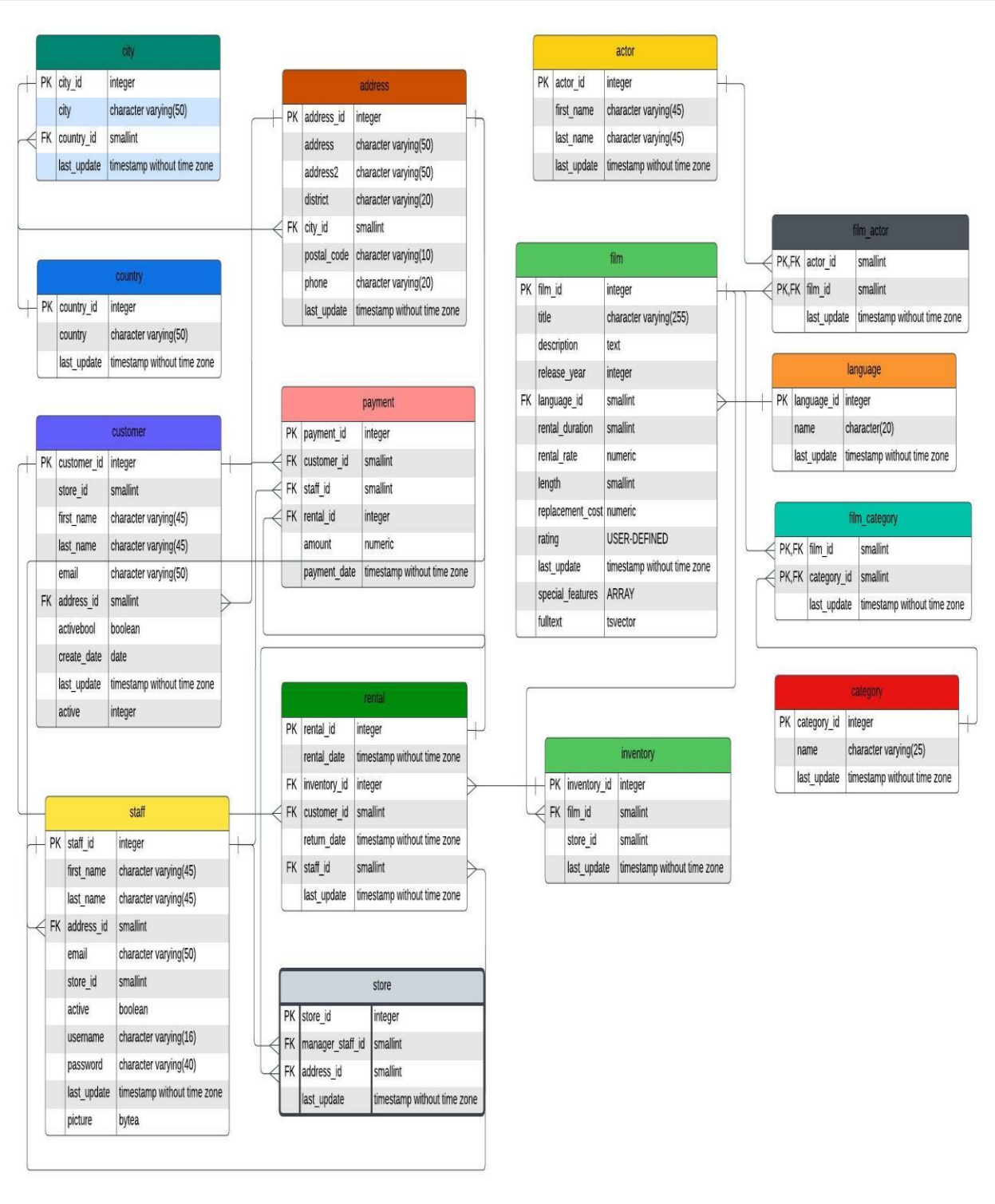
## DATA DICTIONARY

# TABLE OF CONTENT


1. Entity Relationship Diagram.....2
2. Fact Table
   - 2.1 Rental.....3
   - 2.2 Payment.....3

3. Dimensional Table
   - 3.1 Customer.....4
   - 3.2 Staff.....4
   - 3.3 Payment.....5
   - 3.4 Inventory.....5
   - 3.5 Film Category.....5
   - 3.6 Language.....5
   - 3.7 Address.....6
   - 3.8 City.....6
   - 3.9 Country.....6
   - 3.10 Film.....7
   - 3.11 Film Actor.....7
   - 3.12 Actor.....7
   - 3.13 Store.....7

# ENTITY RELATIONSHIP DIAGRAM



# FACT TABLE

| RENTAL | | |
|---|---|---|
| Column | Data Type | Description |
| Rental_id | SERIAL | Unique Id assigned to each movie rental. |
| Rental_date | TIMESTAMP WITHOUT TIME ZONE | Date & time when it was rented. |
| Inventory_id | INTEGER | Id assigned to record the Inventory. |
| Customer _id | SMALLINT | Id nummer allotted to the customer. |
| Return_date | TIMESTAMP WITHOUT TIMEZONE | Date & time of returning Movies |
| Staff_id | SMALLINT | Id assigned to each Staff |
| Last_update | TIMESTAMP WITHOUT TIME ZONE. | Time of last Update Status |

| PAYMENT | | |
|---|---|---|
| Column | Data Type | Description |
| Payment_id | SERIAL | Payment Id number |
| Customer_id | SMALLINT | ID number assigned to Customer. |
| Staff_id | SMALLINT | Id assigned to Staff |
| rental _id | INTEGER | Rental id number |
| Amount | NUMERIC | Paid amount |
| Payment_date | TIMESTAMP WITHOUT TIME ZONE. | Time and date of Payment |

# DIMENSIONAL TABLE

| DIMENSION TABLE | | |
|---|---|---|
| Columns | Data type | Descriptions |
| **CUSTOMER** | | |
| Customer_id | SERIAL | Id number assigned to Customer |
| Store_id | SMALLINT | Store id number assigned to each store |
| First_name | CHARACTER VARYING(45) | First name of Customer |
| Last_name | CHARACTER VARYING(45) | Last Name of Customer |
| Email | CHARACTER VARYING(50) | Email address of customer |
| Address_id | SMALLINT | Address of Customer |
| Activebool | BOOLEAN | Active status of Customer |
| Create_date | DATE | Creation date |
| **STAFF** | | |
| Staff_id | SERIAL | Id assigned to each Staff |
| First_name | CHARACTER VARYING(45) | First Name of Staff |
| Last_name | CHARACTER VARYING(45) | Last Name of staff |
| Address_id | SMALLINT | Address of staff |
| Email | CHARACTER VARYING(50) | Email id of Staff |
| Store_id | SMALLINT | Unique id assigned to each store |
| Active | BOOLEAN | Staff active status – active or not |
| Username | CHARACTER VARYING(40) | Username of Staff |
| Password | CHARACTER VARYING(60) | Password of staff |

| | | |
|---|---|---|
| Last_update | TIMESTAMP(6) WITHOUT TIME ZONE | Time of last updated Status |
| picture | BYTEA | Picture of Staff |
| **Payment** | | |
| Payment_id | SERIAL | Id assigned for keeping record of payment |
| Customer_id | SMALL INT | Id assigned to customer |
| Staff_id | SMALLINT | Unique id assigned to each store |
| Rental_id | INTEGER | Id assigned to each movie rental |
| Amount | NUMERIC | Amount paid by the customer |
| Payment_date | TIMESTAMP WITHOUT TIME ZONE | Time of payment |
| **Inventory** | | |
| Inventory_id | SERIAL | Id assigned for keeping record inventory |
| Film_id | SMALLINT | Unique id assigned to each film |
| Store_id | SMALLINT | Unique id assigned to each store |
| Last_update | TIMESTAMP(6) WITHOUT TIME ZONE | Time of last updated status |
| **Film category** | | |
| Film_id | SMALLINT | Unique id assigned to each movie |
| Category_id | SMALLINT | Unique id assigned to each movie Category |
| Last_update | TIMESTAMP(6) WITHOUT TIME ZONE | Time of last updated Status of film Cstegory |
| **Language** | | |
| Language_id | SERIAL | ID assigned to language movie is available |
| Name | CHARACTER(20) | Name of Language |
| Last_update | TIMESTAMP(6) WITHOUT TIME ZONE | Time of last Updated status |

| **Address** | | |
|---|---|---|
| Address_id | SERIAL | Postal address of store |
| address | CHARACTER VARYING (50) | Postal address of store |
| Address 2 | CHARACTER VARYING(50) | Postal address of store |
| Distinct | CHARACTER VARYING(20) | Time of last updated Status |
| City_id | SMALLINT | City |
| Postal Code | CHARACTER VARYING(10) | Postal Code |
| Phone | CHARACTER VARYING(20) | Phone number |
| Last_update | TIMESTAMP(6) WITHOUT TIME ZONE | Time of last updated Status |
| **City** | | |
| City_id | SERIAL | Id allotted to each city |
| Name | CHARACTER VARYING(50) | City Name |
| Country_id | SMALLINT | Id assigned to the country |
| Last_update | TIMESTAMP WITHOUT TIME ZONE | Time of last Update status |
| **Country** | | |
| Country Id | SERIAL | Id assigned to the country |
| Country | CHARACTER VARYING (50) | Country Name |
| Last_Update | TIMESTAMP WITHOUT TIME ZONE | Time of last Updated |
| **Film** | | |
| Film_id | SERIAL | Film id number |
| Title | CHARACTER VARYING(255) | Movie title |
| Description | TEXT | Description of movies |

| | | |
|---|---|---|
| Release_year | YEAR | Release Year |
| Language_id | SMALL INT | Id number allotted to language |
| Rental_duration | SMALLINT | Length of movies |
| Rental_rate | NUMERIC(5,2) | Rent |
| Length | SMALLINT | Length of movie |
| Replacement_cost | NUMERIC(5,2) | Replacement cost |
| Rating | MPAA_RATING | Movies rating |
| Last_update | TIMESTAMP | Last update date and time |
| Special_features | TEXT | Special Features |
| fulltext | TSVECTOR | Full text |
| **Film Actor** | | |
| Actor_id | SMALLINT | Id number assigned to actor |
| Film_id | SMALLINT | Id number assigned to film |
| Last_update | TIMESTAMP | Last update date and time |
| **Actor** | | |
| Actor_id | SMALLINT | Id number assigned to actor |
| First_name | CHARACTER VARYING(45) | First Name of Actor |
| Last_name | CHARACTER VARYING(45) | Last Name of Actor |
| Last_update | TIME STAMP | Last update date and time |
| **Store** | | |
| Store_id | SERIAL | Id assigned to Inventory |
| Manager_staff_id | SMALLINT | Movie id number |
| Address_id | SMALLINT | Id number assigned to Store |
| Last_update | TIMESTAMP WITHOUT TIME ZONE | Time of last Update status |