ROCKBUSTER

Data Dictionary

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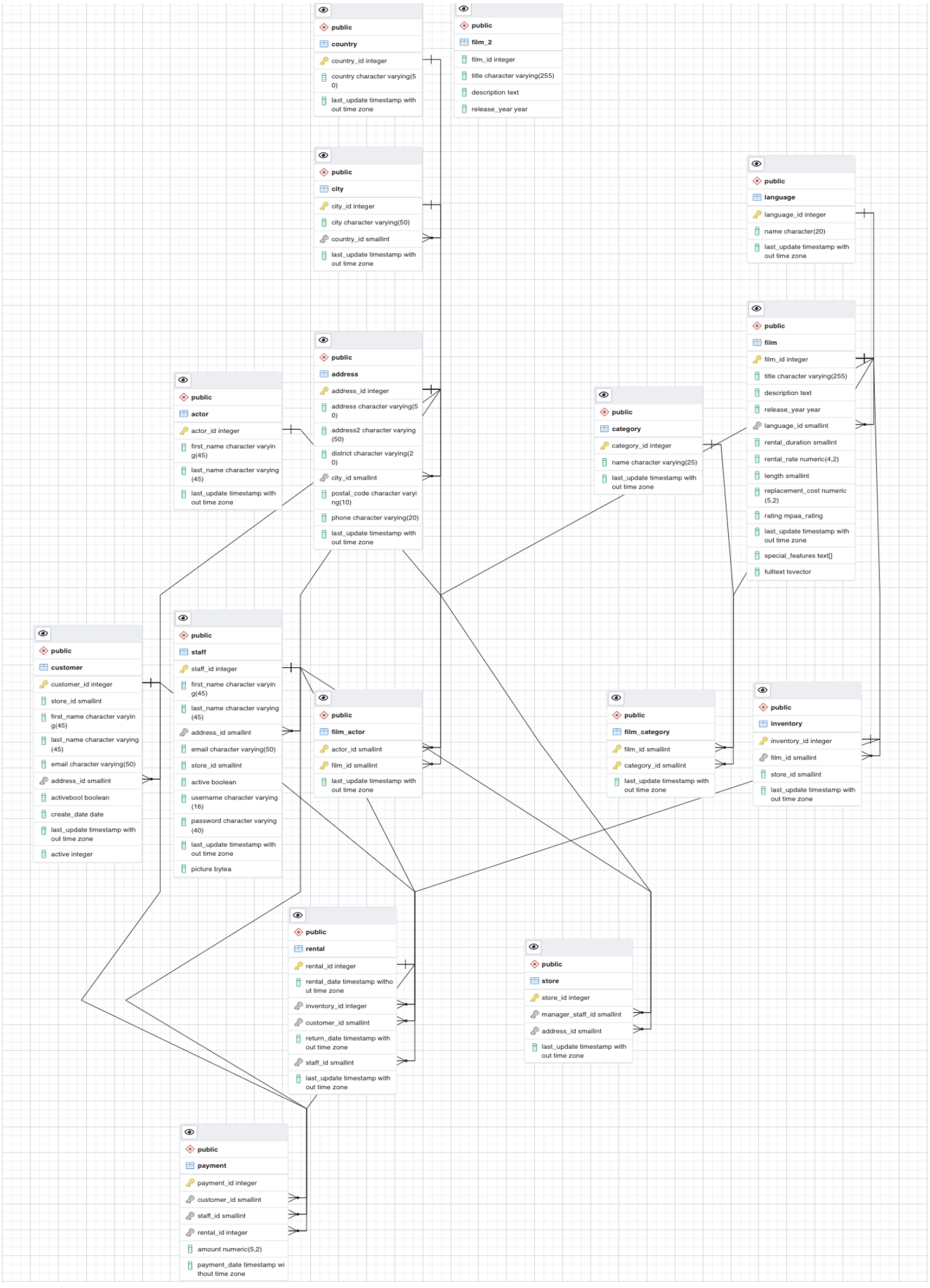
ROCKBUSTER

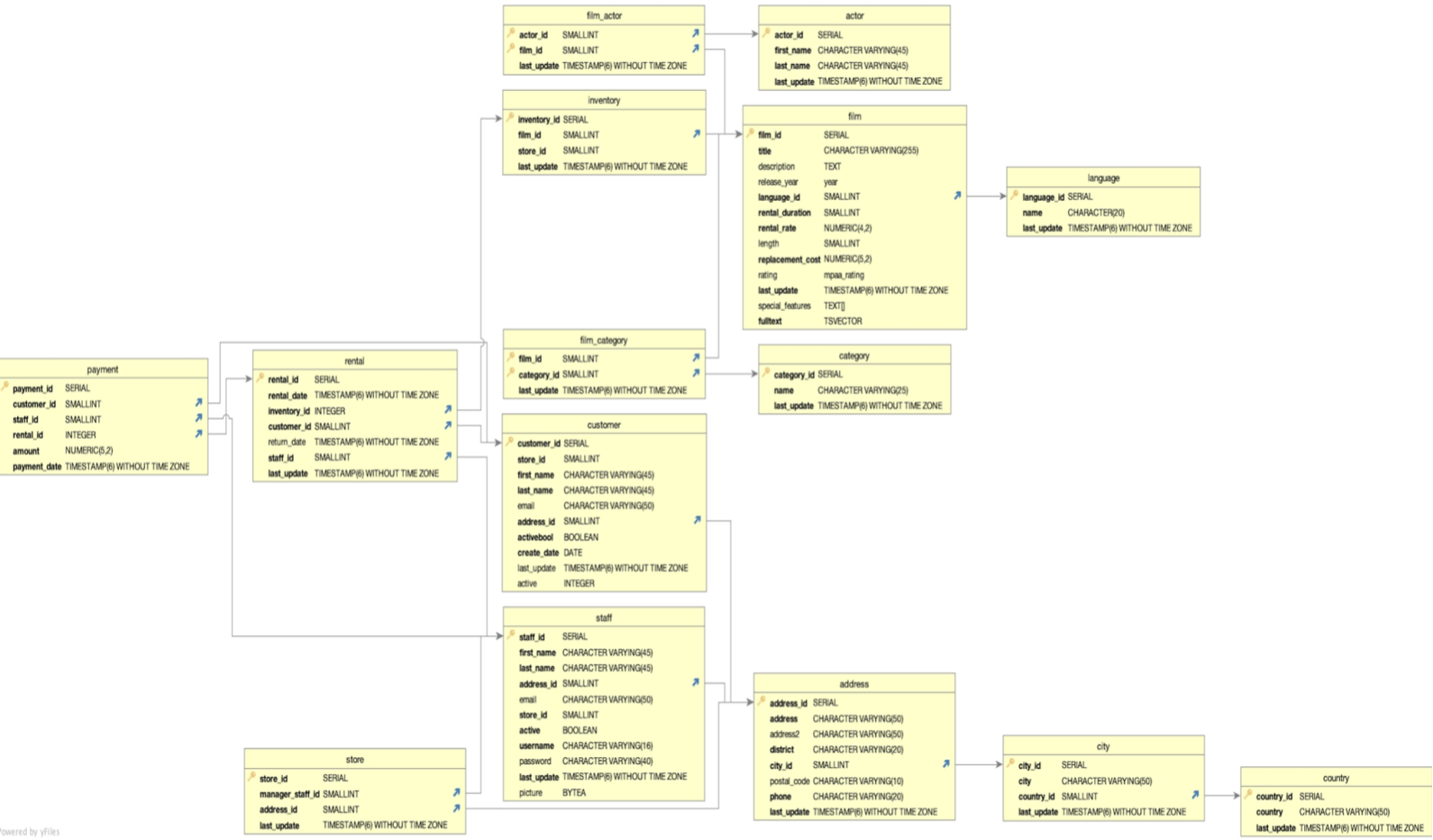
Rockbuster Stealth LLC is a movie rental company that used to have stores around the world. Facing stiff competition from streaming services such as Netflix and Amazon Prime, the Rockbuster Stealth management team is planning to use its existing movie licenses to launch an online video rental service in order to stay competitive.

This is a sample Dataedo documentation - Rockbuster - Microsoft SQL Server sample database.

The Rockbuster database supports standard online transaction processing scenarios for rental movies.

Scenarios include Customer, Film, Film Category, Actor and Staff.


public
country
country_id integer
country character varying(50)
last_update timestamp without time zone
public
film_2
film_id integer
title character varying(255)
description text
release_year year
public
city
city_id integer
city character varying(50)
country_id smallint
last_update timestamp without time zone
public
language
language_id integer
name character(20)
last_update timestamp without time zone
public
film
film_id integer
title character varying(255)
description text
release_year year
language_id smallint
rental_duration smallint
rental_rate numeric(4,2)
length smallint
replacement_cost numeric(5,2)
rating mpaa_rating
last_update timestamp without time zone
special_features text[]
fulltext tsvector
public
address
address_id integer
address character varying(50)
address2 character varying(50)
district character varying(20)
city_id smallint
postal_code character varying(10)
phone character varying(20)
last_update timestamp without time zone
public
actor
actor_id integer
first_name character varying(45)
last_name character varying(45)
last_update timestamp without time zone
public
category
category_id integer
name character varying(25)
last_update timestamp without time zone
public
customer
customer_id integer
store_id smallint
first_name character varying(45)
last_name character varying(45)
email character varying(50)
address_id smallint
activebool boolean
create_date date
last_update timestamp without time zone
active integer
public
staff
staff_id integer
first_name character varying(45)
last_name character varying(45)
address_id smallint
email character varying(50)
store_id smallint
active boolean
username character varying(16)
password character varying(40)
last_update timestamp without time zone
picture bytea
public
film_actor
actor_id smallint
film_id smallint
last_update timestamp without time zone
public
film_category
film_id smallint
category_id smallint
last_update timestamp without time zone
public
inventory
inventory_id integer
film_id smallint
store_id smallint
last_update timestamp without time zone
public
rental
rental_id integer
rental_date timestamp without time zone
inventory_id integer
customer_id smallint
return_date timestamp without time zone
staff_id smallint
last_update timestamp without time zone
public
store
store_id integer
manager_staff_id smallint
address_id smallint
last_update timestamp without time zone
public
payment
payment_id integer
customer_id smallint
staff_id smallint
rental_id integer
amount numeric(5,2)
payment_date timestamp without time zone


film_actor
actor_id SMALLINT
film_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
actor
actor_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
inventory
inventory_id SERIAL
film_id SMALLINT
store_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film
film_id SERIAL
title CHARACTER VARYING(255)
description TEXT
release_year year
language_id SMALLINT
rental_duration SMALLINT
rental_rate NUMERIC(4,2)
length SMALLINT
replacement_cost NUMERIC(5,2)
rating mpaa_rating
last_update TIMESTAMP(6) WITHOUT TIME ZONE
special_features TEXT[]
fulltext TSVECTOR
language
language_id SERIAL
name CHARACTER(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
payment
payment_id SERIAL
customer_id SMALLINT
staff_id SMALLINT
rental_id INTEGER
amount NUMERIC(5,2)
payment_date TIMESTAMP(6) WITHOUT TIME ZONE
rental
rental_id SERIAL
rental_date TIMESTAMP(6) WITHOUT TIME ZONE
inventory_id INTEGER
customer_id SMALLINT
return_date TIMESTAMP(6) WITHOUT TIME ZONE
staff_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film_category
film_id SMALLINT
category_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
category
category_id SERIAL
name CHARACTER VARYING(25)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
customer
customer_id SERIAL
store_id SMALLINT
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
email CHARACTER VARYING(50)
address_id SMALLINT
activebool BOOLEAN
create_date DATE
last_update TIMESTAMP(6) WITHOUT TIME ZONE
active INTEGER
staff
staff_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
address_id SMALLINT
email CHARACTER VARYING(50)
store_id SMALLINT
active BOOLEAN
username CHARACTER VARYING(16)
password CHARACTER VARYING(40)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
picture BYTEA
address
address_id SERIAL
address CHARACTER VARYING(50)
address2 CHARACTER VARYING(50)
district CHARACTER VARYING(20)
city_id SMALLINT
postal_code CHARACTER VARYING(10)
phone CHARACTER VARYING(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
city
city_id SERIAL
city CHARACTER VARYING(50)
country_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
country
country_id SERIAL
country CHARACTER VARYING(50)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
store
store_id SERIAL
manager_staff_id SMALLINT
address_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
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4. PAYMENT

Columns	Data Type	Description
payment_id🔑	SERIAL	Primary key, unique id number for payment
costumer_id	SMALLINT	unique id number for customer
staff_id	SMALLINT	unique id number for managing staff
rental_id	INTERGER	unique id number for rental
amount	NUMERICS(5,2)	amount of payment
payment_date	TIMESTAMP(&) WITHOUT TIME ZONE	date of payment

5. RENTAL

Columns	Data Type	Description
rental_id🔑	SERIAL	Primary key, unique id number for rental
rental_date	TIMESTAMP(6)WITHOUT TIME ZONE	date of rental
inventory_id	INTERGER	number for inventory
costumer_id	SMALLINT	unique number for customer
return_date	TIMESTAMP(6)WITHOUT TIME ZONE	date of return
staff_id	SMALLINT	unique number for managing staff
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for rental matter, e.g return date

6. FILM_ACTOR

Columns	Data Type	Description
actor_id🔑	SMALLINT	Primary key, unique id number for actor
film_id🗝️	SMALLINT	Candidate key, unique id number for respective film that including the actor
last_updrate	TIMESTAMP(6)WITHOUT TIME	last update for actor, e.g. an added film_id

	ZONE	

7. INVENTORY

Columns	Data Type	Description
inventory_id🔑	SERIAL	Primary key, unique id number for inventory
film_id	SMALLINT	unique id number for film
store_id	SMALLINT	unique id number for store
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for inventory, e.g. an added film_id

8. FILM_CATEGORY

Columns	Data Type	Description
film_id🔑	SMALLINT	Primary key, unique id number for film
category_id🗝️	SMALLINT	Candidate key, unique id number for category
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for film_category

9.CUSTOMER

Columns	Data Type	Description
costumer_id🔑	SERIAL	Primary key, unique id number for customer
store_id	SMALLINT	unique id number for customers store
first_name	CHARACTER VARYING(45)	customer first name, max character 45
last_name	CHARACTER VARYING(45)	customer last name, max character 45
email	CHARACTER VARYING(50)	customer email address, max character 50
address_id	SMALLINT	unique number for customer address
activebool	BOOLEAN	active customer true or false

create_date	DATE	date of customer registration
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for customer
active	INTERGER	active customer yes or no. 1 for true, 0 for false

10. STAFF

Columns	**Data Type**	**Description**
staff_id🔑	SERIAL	Primary key, unique id number for staff
first_name	CHARACTER VARYING(45)	staff first name, max character 45
last_name	CHARACTER VARYING(45)	staff last name, max character 45
address_id	SMALLINT	unique number for staff address
email	CHARACTER VARYING(50)	staff email address, max letters 50
active	BOOLEAN	active staff true or false
username	CHARACTER VARYING(16)	staff username in the system, max character 16
password	CHARACTER VARYING(40)	staff password in the system, max character 40
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for staff
picture	BYTEA	staff picture

11. ACTOR

Columns	**Data Type**	**Description**
actor_id🔑	SERIAL	Primary key, unique id number for actor
first_name	CHARACTER VARYING(45)	actor first name, max character 45
last_name	CHARACTER VARYING(45)	actor last name, max character 45

last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for actor

12. FILM

Columns	**Data Type**	**Description**
film_id🔑	SERIAL	Primary key, unique id number for film
title	CHARACTER VARYING(255)	title of the film, max character 255
description	TEXT	description of film
release_year	YEAR	release year for the film
language_id	SMALLINT	unique id number for language in film
rental_duration	SMALLINT	average rental duration for film
rental_rate	NUMERIC(4,2)	rental price for the film)
length	SMALLINT	length of film
replecment_cost	NUMERIC(5,2)	replacement cost for film (cost for lost item)
rating	mpaa_rating	MPAA rating (G, PG, PG-13, R, NC-17)
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for the film
special_features	TEXT[]	special features of the film
fulltext	TSVECTOR	full description for the film

13. CATEGORY

Columns	**Data Type**	**Description**
category_id🔑	SERIAL	Primary key, unique id number for category
name	CHARACTER VARYING(25)	name of category, max character 25

last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for category

14. ADDRESS

Columns	**Data Type**	**Description**
address_id🔑	SERIAL	Primary key, unique id number for address
address	CHARACTER VARYING(50)	name of address, max character 50
address2	CHARACTER VARYING(50)	name of address 2, max character 50
district	CHARACTER VARYING(20)	name of district, max character 20
city_id	SMALLINT	unique id number for city
postal_code	CHARACTER VARYING(10)	postal code, max character 10
phone	CHARACTER VARYING(20)	postal code, max character 20
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for address

15. LANGUAGE

Columns	**Data Type**	**Description**
language_id🔑	SERIAL	Primary key, unique id number for language
name	CHARACTER VARYING(20)	name of language, max character 20
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for language

16. CITY

Columns	Data Type	Description
city_id🔑	SERIAL	Primary key, unique id number for city
city	CHARACTER VARYING(50)	name of city, max character 50
country_id	SMALLINT	unique id number for country
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for city

17. COUNTRY

Columns	Data Type	Description
country_id🔑	SERIAL	Primary key, unique id number for country
country	CHARACTER(20)	name of country, max character 50
last_update	TIMESTAMP(6)WITHOUT TIME ZONE	last update for country

Legends

Primary key 🔑

Candidate key 🗝️