Main Layout

8-05-2024 by DbSchema.com - Wise Coders

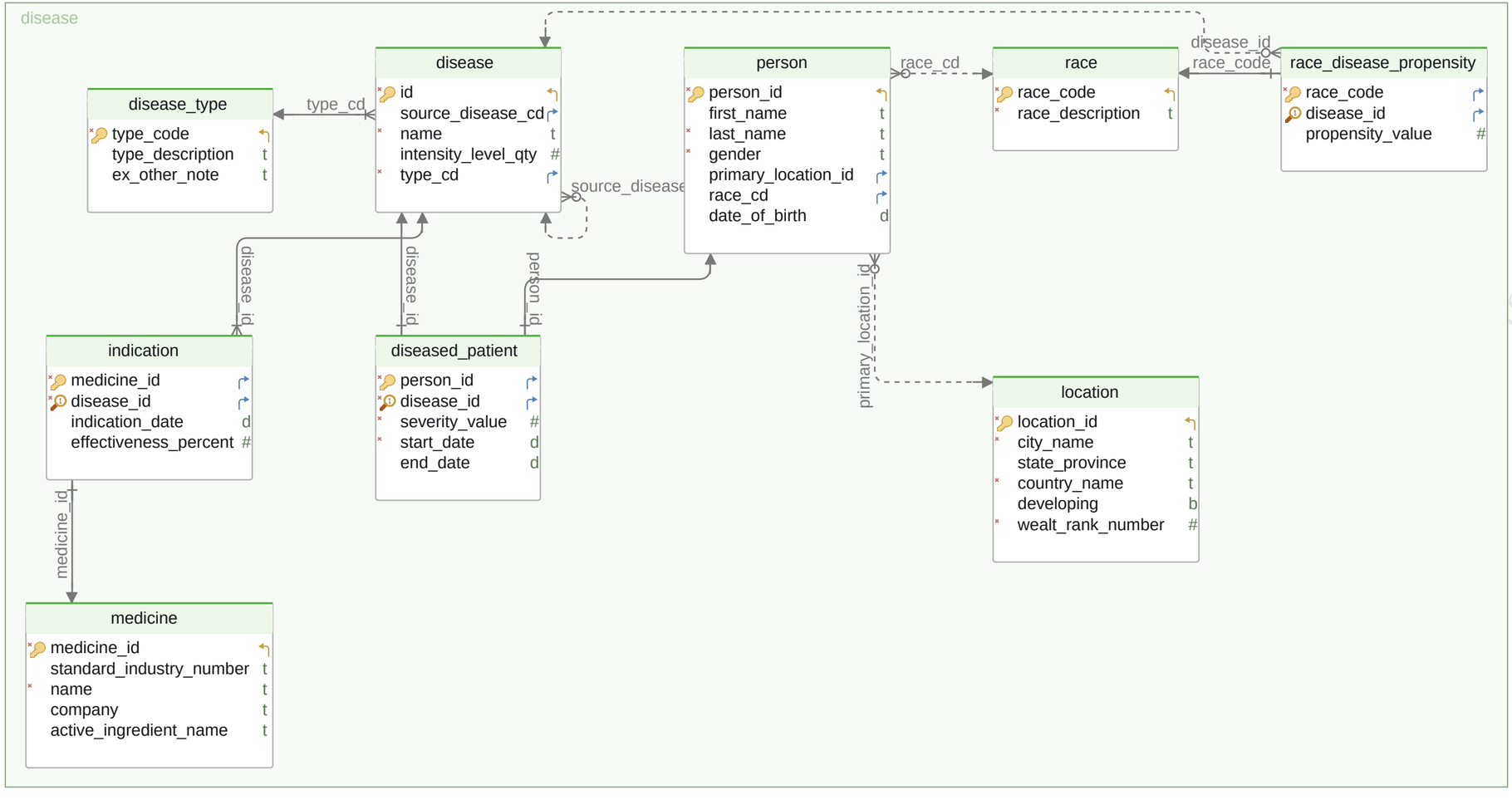
Layouts

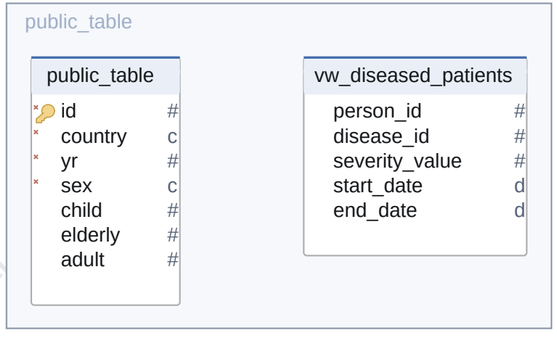
Tables

Views

This is a layout. You can create multiple layouts with the same or different tables.

Edit tables by double-clicking the table headers.





Main Layout

Table disease

Idx	Name	Data Type
* Pk	id	serial
	source_disease_cd	integer
*	name	varchar(100)
	intensity_level_qty	integer
*	type_cd	varchar(10)

Indexes

Type	Name	On
Pk	pk_disease	id

Foreign Keys

Type	Name	On
	fk_disease_disease (source_disease_cd) ref disease (id)	
	fk_disease_type_disease (type_cd) ref disease_type (type_code)	

Table disease_type

Idx	Name	Data Type
* Pk	type_code	varchar(20)
	type_description	varchar(1000)
	ex_other_note	varchar(2000)

Indexes

Type	Name	On
Pk	pk_disease_type	type_code

Table diseased_patient

Idx	Name	Data Type
* Pk	person_id	integer
* Unq	disease_id	integer
*	severity_value	integer DEFAULT 1
*	start_date	date
	end_date	date

Indexes

Type	Name	On
Pk	pk_diseased_patient	person_id

Table diseased_patient

Unq	diseased_patient_disease_id_key	disease_id
Unq	unq_diseased_patient	person_id, disease_id

Foreign Keys

Type	Name	On
	fk_disease_diseased_patient (disease_id) ref disease (id)	
	fk_diseased_patient_person (person_id) ref person (person_id)	

Triggers

	Name	Definition
	tr_diseased_patient_changes	

CREATE TRIGGER tr_diseased_patient_changes AFTER INSERT OR DELETE OR UPDATE ON public.diseased_patient FOR EACH ROW EXECUTE FUNCTION log_diseased_patient_changes()

Table indication

Idx	Name	Data Type
* Pk	medicine_id	serial
* Unq	disease_id	integer
	indication_date	date
	effectiveness_percent	double precision

Indexes

Type	Name	On
Pk	pk_indication	medicine_id
Unq	unq_indication_medicine_id	medicine_id, disease_id

Foreign Keys

Type	Name	On
	fk_indication_disease (disease_id) ref disease (id)	
	fk_indication_medicine (medicine_id) ref medicine (medicine_id)	

Table location

Idx	Name	Data Type
* Pk	location_id	serial
*	city_name	varchar(100)
	state_province	varchar(100)
*	country_name	varchar(100)
	developing	boolean
*	wealt_rank_number	integer

Table location

Indexes

Type	Name	On
Pk	pk_tbl	location_id

Table medicine

Idx	Name	Data Type
* Pk	medicine_id	serial
	standard_industry_number	varchar(25)
*	name	varchar(250)
	company	varchar(150)
	active_ingredient_name	varchar(100)

Indexes

Type	Name	On
Pk	pk_medicine	medicine_id

Table person

Idx	Name	Data Type
* Pk	person_id	serial
	first_name	varchar(100)
*	last_name	varchar(100)
*	gender	varchar(1)
	primary_location_id	integer
	race_cd	varchar(100)
	date_of_birth	date

Indexes

Type	Name	On
Pk	pk_person	person_id

Foreign Keys

Type	Name	On
	fk_person_location (primary_location_id) ref location (location_id)	
	fk_person_race (race_cd) ref race (race_code)	

Table public_table

Idx	Name	Data Type
* Pk	id	serial

Table public_table

*	country	char(100)
*	yr	integer
*	sex	char(1)
	child	integer
	elderly	integer
	adult	integer

Indexes

Type	Name	On
Pk	pk_public_table	id

Table race

Idx	Name	Data Type
* Pk	race_code	varchar(20)
*	race_description	varchar(100)

Indexes

Type	Name	On
Pk	pk_race	race_code

Table race_disease_propensity

Idx	Name	Data Type
* Pk	race_code	varchar(100)
Unq	disease_id	integer
	propensity_value	integer

Indexes

Type	Name	On
Pk	pk_race_disease_propensity	race_code
Unq	unq_race_disease_propensity	race_code, disease_id

Foreign Keys

Type	Name	On
	fk_disease_race_disease_propensity (disease_id) ref disease (id)	
	fk_race_race_disease_propensity (race_code) ref race (race_code)	

View vw_diseased_patients

```
CREATE OR REPLACE VIEW vw_diseased_patients AS SELECT ${view},
    diseased_patient.disease_id,
    diseased_patient.severity_value,
    diseased_patient.start_date,
    diseased_patient.end_date
   FROM diseased_patient
```

Schema public

Functions

get_diseased_patient_count

log_diseased_patient_changes

Schema public

Sequences

disease_id_seq

indication_medicine_id_seq

location_location_id_seq

medicine_medicine_id_seq

person_person_id_seq

public_table_id_seq