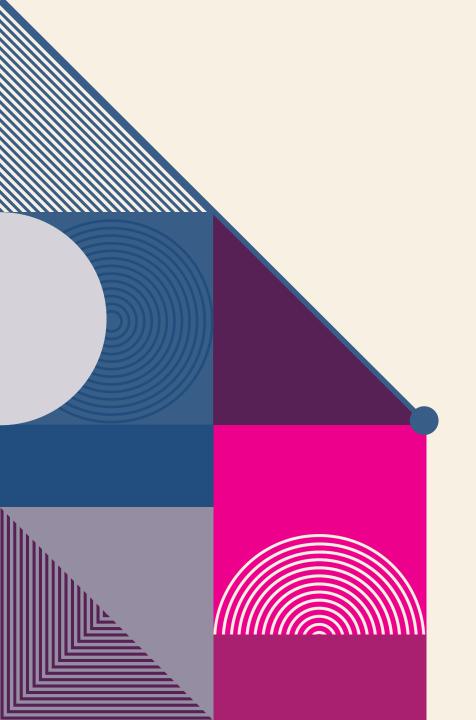
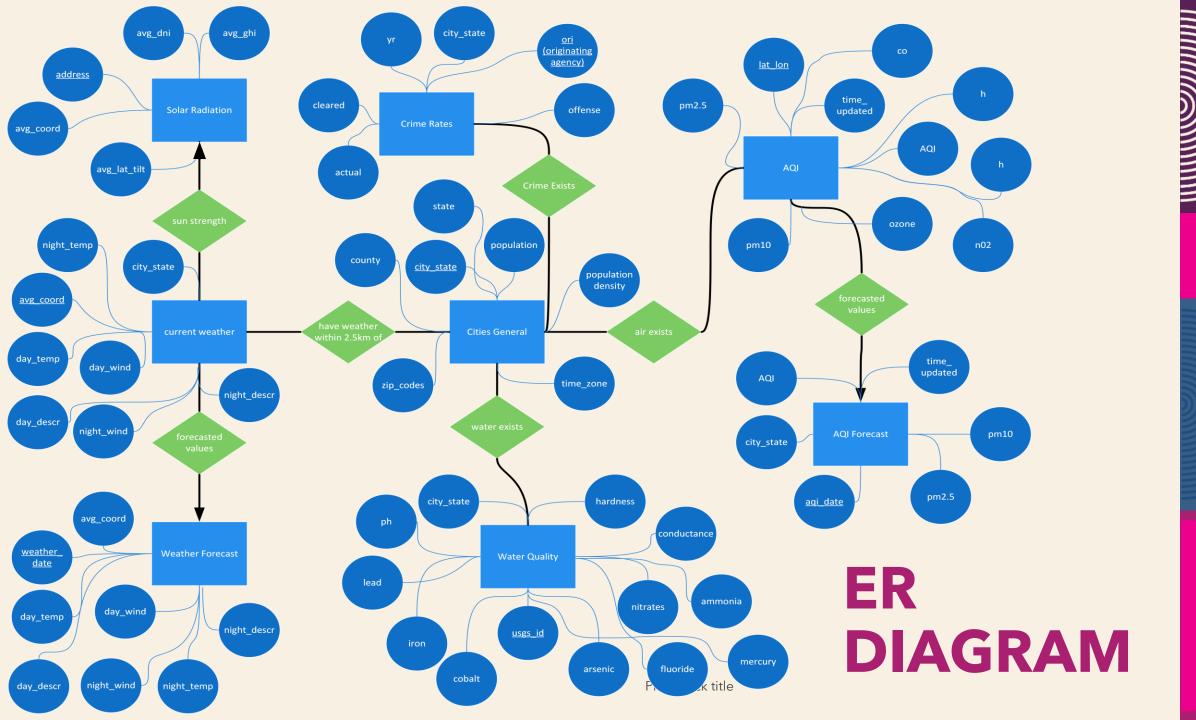
INFORMATIONAL CITIES DATABASE Brandon Pardi Isaac Luengas



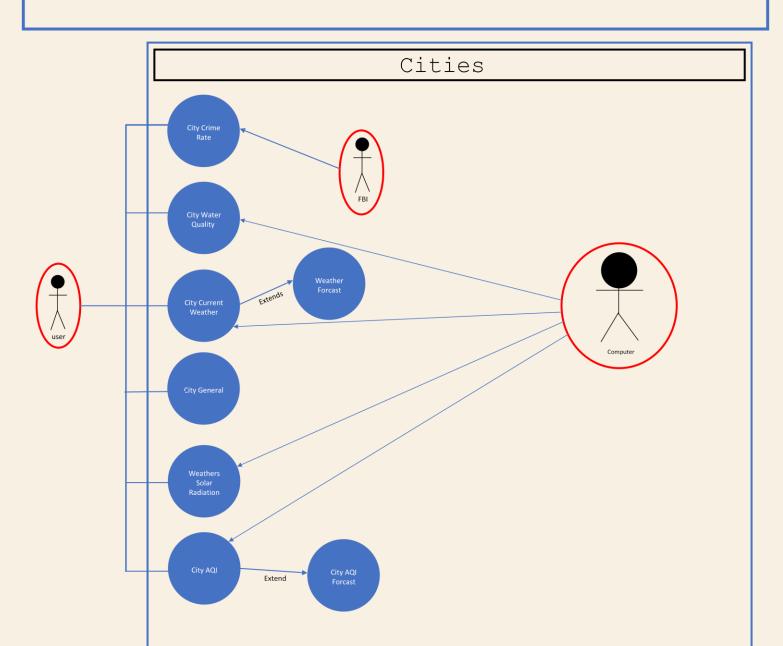
ABSTRACT

Aim to create a database full of varying information for thousands of different cities to help people stay informed on potential hazards where they live

20XX



USE - CASE DIAGRAM



USE CASE DIAGRAM

General city_state **VARCHAR VARCHAR** county populations INTEGER pop_density INTEGER VARCHAR time_zone VARCHAR zip_codes Current_Weather **DECIMAL** avg_coord city_state VARCHAR INTEGER day_temp INTEGER day_wind day_descr INTEGER INTEGER night_temp night_wind INTEGER night_descr INTEGER

Ozone

PM10

PM25

PRIMARY

Forecasted_Weather

weather_date

avg_coord

city_state

day_temp

day_wind

day_descr

night_temp night_wind

night_descr

AQI	-	AQI_Forecast
latitude	DECIMAL	aqi_date
longitude	DECIMAL	city_state
city_state	VARCHAR	time_updated
Time_updated	datetime	AQI
AQI	INTEGER	PM10
CO	INTEGER	PM25
Н	INTEGER	
NO2	INTEGER	

INTEGER

INTEGER

INTEGER

datetime

DECIMAL

VARCHAR

INTEGER

INTEGER

INTEGER

INTEGER

INTEGER

INTEGER

KEY

PM25	INTEGER	
Radiation		
address	VARCHAR	
avg_coord	DECIMAL	
avg_dni	DECIMAL	
avg ghi	DECIMAL	

DECIMAL

avg_lat_tilt

Water_Quality	
usgs_id	INTEGER
city_state	VARCHAR
hardness	INTEGER
ph	FLOAT
conductance	INTEGER
ammonia	FLOAT
nitrites	FLOAT
fluoride	DECIMAL
arsenic	DECIMAL
cobalt	DECIMAL
iron	DECIMAL
lead	DECIMAL
mercury	DECIMAL

Crime_Rates

ori

city_state

offense

cleared

actual

yr

INTEGER

VARCHAR

VARCHAR

INTEGER

INTEGER

INTEGER