Coronavirus Testing Database:

Create the ER diagram for this database.

* The database will keep track of the residents, testing centers, zip codes, cities and counties in the state.
* For each resident, we will keep track of a unique resident identifier, a unique SSN, his/her name, street address, multiple phones, birthdate, and age. The name is composed of first name and last name. Each resident may have a various number of phones. The age is computed based on the birthdate and the current date.
* For each testing center, we will keep track of a unique testing center identifier, name, phone, and street address.
* For each zip code, we keep track of a unique zip code identifier (a simple number), and the unique zip code. For example, if there are only 60 zip codes stored in the database, then the zip code identifier goes from 1 to 60. The actual zip code could be like 19122, 19123, etc.
* For each city, we keep track of a unique city identifier, the city name, and the population in the city.
* For each county, we keep track of a unique county identifier, the unique county name, and the population in the county.
* Each resident in the database must get tested in at least one testing center and could get tested in multiple testing centers. Each testing center in the database must offer testing to at least one resident, and could offer testing to many residents. For each test that a resident gets in a testing center, we will record the date when the testing occurs, and the testing result
* Each resident in the database resides in one and only one zip code. For each zip code in the database, there can be many residents living there, or no resident at all.
* Each testing center in the database is located in exactly one zip code. For each zip code in the database, there can be at most one testing center, or no testing center at all.
* Each city in the database must have at least one zip code, and could have more than one zip code. Each zip code belongs to exactly one city.
* Each city in the database is incorporated into exactly one county. Each county in the database must include one city, and could include many cities. Each county in the database must include one city, and could include many cities