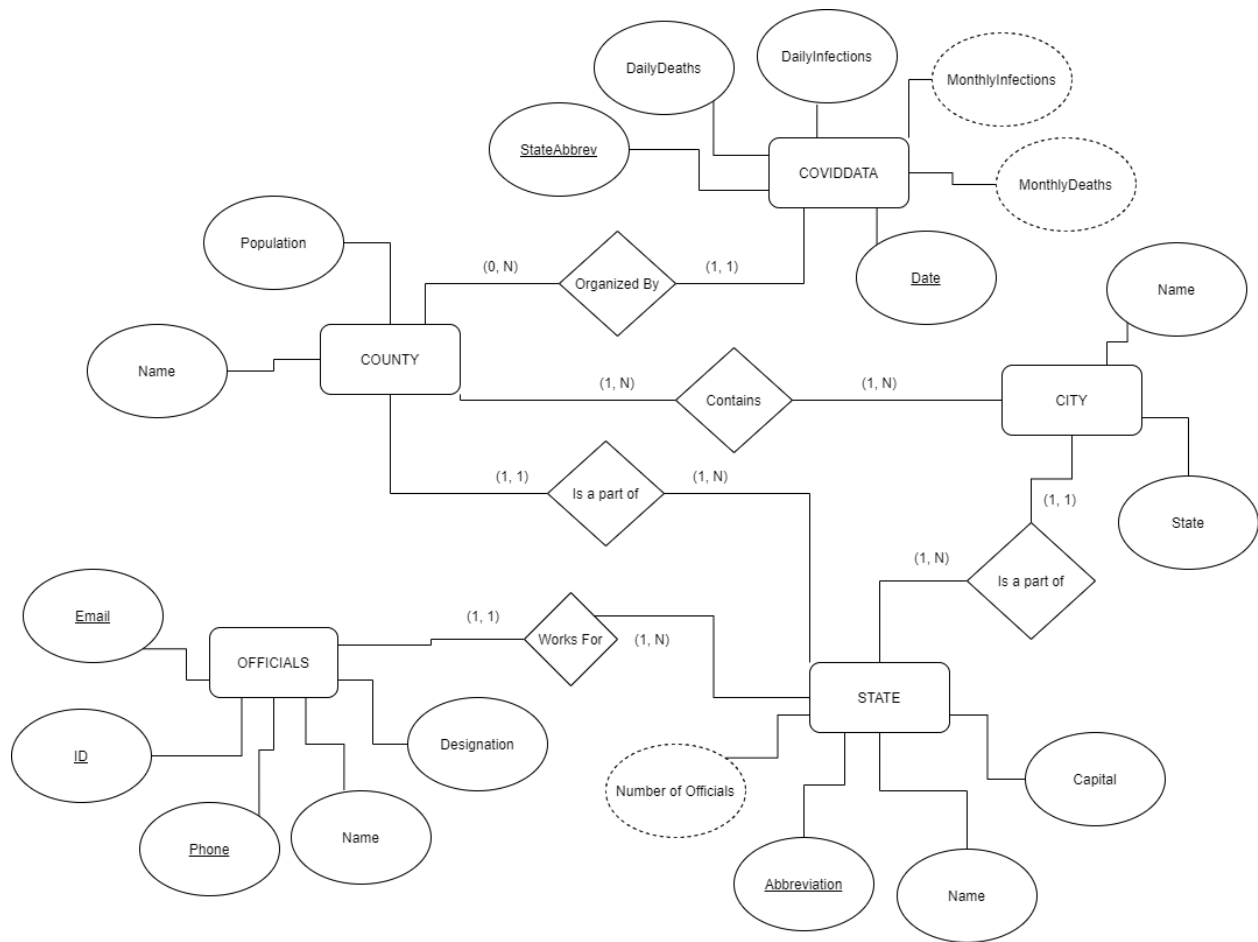Jose Ibarra
Noah Walker

HONOR CODE
I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code I will not participate in any form of cheating/sharing the questions/solutions.

Assumptions:
For the following EER diagram and relational schema, we assumed that each state would have at least 1 official working for it (and up to any number of officials). We also assumed that city, county and state names may not be unique (in the case of foreign countries or fictional countries). We also assumed that COVIDDATA entries would be listed by date with either state abbreviation or date being the primary key.

EER Diagram:

Relational Schema:

STATE

<u>Abbreviation</u>	Name	Capital	NumOfficials

COUNTY

<u>Name</u>	Population

CITY

<u>Name</u>	State

OFFICIALS

<u>ID</u>	<u>Email</u>	<u>Phone</u>	Name	Designation

COVIDDATA

<u>StateAbbrev</u>	<u>Date</u>	DailyInfections	DailyDeaths	MonthlyInfections	MonthlyDeaths