Survivors Database

Following Donald Trump’s surprise election in 2016, the world quickly descended into a new age of war, culminating in the USA’s invasion of China in 2019, and the subsequent nuclear wars of the 2020s’. The year is now 2035, and handfuls of survivors on the largely irradiated Eastern seaboard are trying to piece some kind of civilisation back together. Life for these survivors is marred by new radiation-related illnesses that mankind is struggling to control. This database will track survivors in the state of Oregon.

The entities I will have in my database are:

* Survivors – Have names, birth dates, social security numbers, a first language
* Settlements – Have a location (longitude and latitude), a population.
* Clinics – Treat people, have a location.
* Medical personnel – Work in the clinics.
* Illnesses – Radiation illnesses that can be suffered by humans.

The relationships I will have:

* Survivors live in settlements – Survivors can only be from one settlement. (1-N)
* Survivors can be medical personnel – Survivors can (but don’t have to) be medical personnel. A survivor can only be on the personnel list once. (1-1)
* Survivors can work at clinics - Survivors can (but don’t have to) work at clinics. A survivor can only work at one clinic. (1-N)
* Clinics are found in settlements – A clinic can only be in one settlement. (1-1)
* Medical personnel have specialities in illnesses – personnel can specialise in a number of illnesses. (N-N)