Assumptions:

* A customer has at least 1 car and can have multiple cars
* A car is owned by 1 customer and only 1 customer
* A Policy can cover multiple cars, but a car can only be covered by one policy, and all cars are covered.
* A customer can have multiple policies and a policies can also be signed by multiple customers, and a customer has at least one policy and a policy were signed by at least one customer
* A claim is made based on the car and a customer (car owner), a claim must be filled by a customer and with a car, but there can be customers/cars that never make any claim.

Entities:

* CUSTOMER(SSN, First, MI, Last)
* CAR(VIN, color, make, model, year)
* POLICY(ID, CurrExpDate, StartingDate, Deductible)
* CLAIM(Date, AmountOfDamage) – Weak entity

Relationships:

* Insure<CAR, CUSTOMER> 1:M total/total
* Cover<POLICY, CAR> 1:M total/total
* OWN<CUSTOMER, POLICY> M:N total/total
* CREATE<CUSTOMER,CLAIM,CAR> 1:M:N partial/total/partial

Schemas:

* CUSTOMER<SSN, First, MI, Last>
* CAR<VIN, SSN, color, make, model, year>
  + FK(SSN) -> CUSTOMER(SSN)
* POLICY<ID, VIN, SSN, CurrExpDate, StaringDate, Deductible>
  + FK(VIN)-> CAR(VIN)
  + FK(SSN) -> CUSTOMER(SSN)
* CLAIM<Date, AmountOfDamage, SSN, VIN>
  + FK(VIN) -> CAR(VIN)
  + FK(SSN) -> CUSTOMER(SSN)