All changes need to be made via a Mod-Script, run the script to the Disaster\_Management\_Dev DB, update the Final EERD Diagram, update the Data Dictionary, recreate Stored Procedures, recreate Objects.

Note: #3, 7, 10, 11, 12, 14 need to be redesigned. #18, 19 are in development.

1. Missing table needs to be connected to Client as sub-type (DB-SQLServer Diagram)
   * Missing\_ID is Foreign Key to client.client\_id as alias
   * Deceased\_id is a Foreign Key to client.client\_id as alias
2. Requestor.Agency\_id needs to be connected to Agency with FK(Final EERD Diagram)
   * Requestor.Agency\_id is Foreign Key to Agency.Agency\_id
3. House\_choice. house\_choice\_contact\_person\_id is a foreign Key to Person.person\_id. Need to look at entire relationship between House, House\_Choice and Person as a working function.
   * DONE
4. Client.client\_id FK is a foreign key to Person.person\_id needs to be added to Client table (Final EERD Diagram). Also check Data Dictionary.
   * DONE
5. Case\_clients.client\_id is a foreign key to Client.client\_id needs to be added to Case\_Client table (Final EERD Diagram). Also check Data Dictionary.
   * DONE
6. Add Medicine table to (Final EERD Diagram). Look at DB-SQLServer Diagram
   * DONE
7. Look at Vaccine table, Medicine, Campaign, FK relationships. Does this work? There are inconsistencies between all FK relationships between (Final EERD Diagram and DB-SQLServer Diagram)
   * Medicine.Medicine\_ID PK -> Campaign.Medicine\_ID FK
   * Medicine.Medicine\_ID PK -> vaccine. Medicine\_ID FK
   * Vaccine.Product\_ID PK -> Product.Product\_ID FK
     1. Campaign\_ID should be a fk on the Medicine table??
     2. Current a campaign is associated with a med
     3. Should a med be associated with a campaign?
8. Disaster\_encounter table (Why is address\_id a FK on this table? Add location\_id as a FK and change all screens currently using address\_id)
   * Delete address?
9. Encounter\_client\_vaccine.medicine (DB-SQLServer Diagram-Delete this attribute) should be Encounter\_client\_vaccine.medicine\_id as FK to Medicine table and added to Final EERD Diagram.
   * Delete medicine
10. Pet.Pet\_Missing\_Id should be FK to Pet.Pet\_id as alias on (Final EERD Diagram)
    * Pet\_missing.pet\_Missing\_ID neds to be a PK/FK to pet.pet\_record\_ID
    * Same for Deceased\_ID??
11. Pet.Pet\_Medical\_id FK (Final EERD Diagram) to what Primary key Medical\_id (Delete this on the Final EERD diagram)?
    * Delete medical\_ID and change relationship between pet -> pet\_vaccine
    * Should be Pet.Pet\_Vaccine\_ID -> Pet\_Vaccine.Pet\_Vaccine\_ID
12. Pet\_Vaccine table(DB-SQLServer Diagram needs to be added to (Final EERD Diagram). Look at DB-SQL Server Diagram and match.
    * 11 fixes this issue
13. Service.Service\_type should direct stored procedures for service\_types. Check code. (All sub-types should have table\_id as FK to Service\_id. Service.service\_id should not be FK)
    * Job.Job\_ID = PK/FK Service.service\_ID
    * Medicine.Medicine\_ID = PK/FK Service.service\_ID
    * Emergency\_Medical\_ID = PK/FK Service.service\_ID
    * Transportation.Transportation\_ID = PK/FK Service.service\_ID
    * House.House\_ID = PK/FK Service.service\_ID
    * Food.Food\_ID = PK/FK Service.service\_ID
      1. Should I disregard Vaccines relationship since vaccine has a pk/fk relationship to medicine??
14. Why Property.case\_id is foreign key to case\_intake and not case\_client (DB\_SQLServer Diagram)? Investigate the relationship between case\_client and case\_intake.
    * Change to property.case\_ID -> Case\_Client.case\_ID
15. Why is Product.Fema\_id on the Product table when Fema.Fema\_id is a PK and FK (DB\_SQLServer Diagram)? This is correct.
    * FEMA.FEMA\_ID PK/FK to products
16. Food.Product\_id is a foreign key to Product.Product\_id (DB\_SQLServer Diagram) needs to be added to (Final EERD Diagram).
    * DONE
17. Transportation.vehicle\_id is foreign key to Vehicle.vehicle\_id (DB\_SQLServer Diagram) needs to be added to (Final EERD Diagram).
    * DONE
18. (Final EERD Diagram) Page 7 should be titled “Shelter”. Check model, tables, attributes, keys and screens.
    * DONE
19. (Final EERD Diagram) Page 8, what is this page
    * It’s a Separator form current to future plans
20. Case\_Client has a recursive relationship to itself that needs to be removed.
    * DONE

DD – FINISHED

EERD – FINISHED

DB changes

* **Missing**   
  Add:

Relationship: Missing.Missing\_ID -> Client.Client\_ID

* **Deceased**  
  Delete:

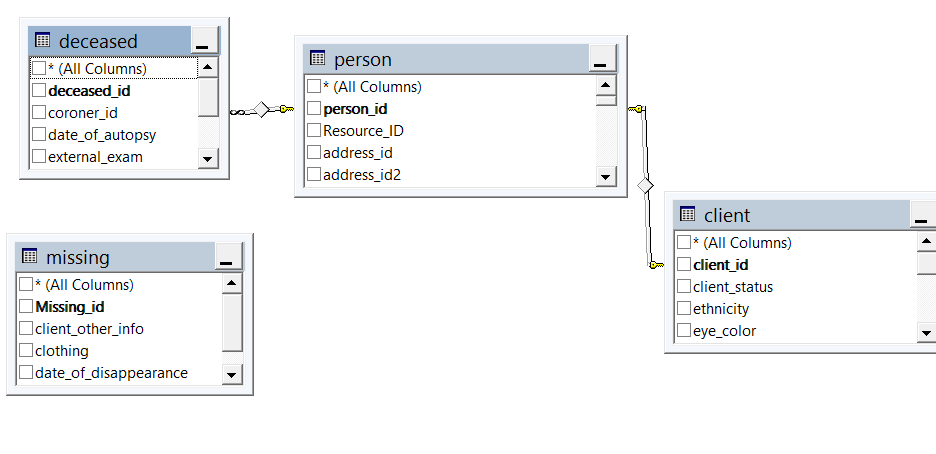
Relationship: Deceased.Coroner\_ID -> Person.Person\_ID

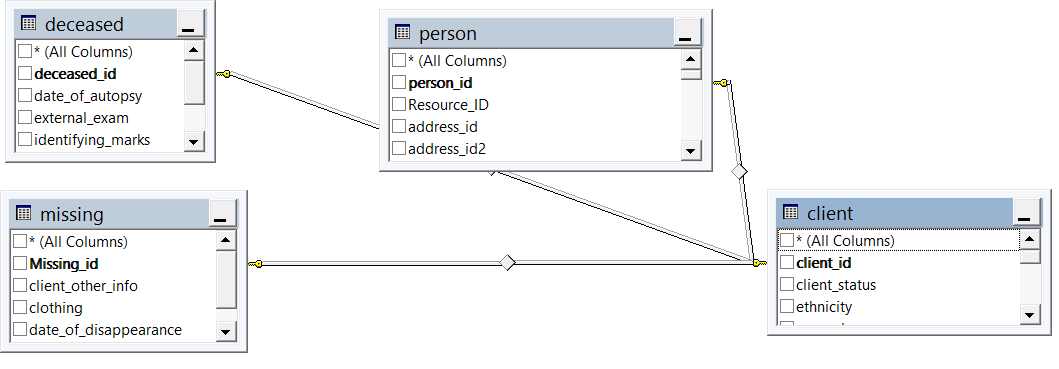
Object: Coroner

Add:

Relationship: Deceased.Deceased\_ID -> Client.Client\_ID

OLD=



New=

* **campaign – medicine – vaccine**  
  Delete:

Object: campaign.medicine\_ID

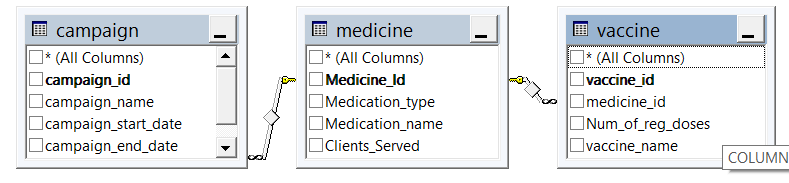
Relationship: Medicine.medicine\_ID -> Campaign.medicine\_ID

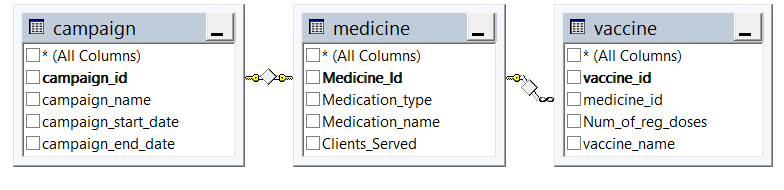
Add:

Object: Medicine.campaign\_ID

Relationship: Campaign. campaign\_ID -> Medicine.campaign\_ID

OLD=



NEW= 

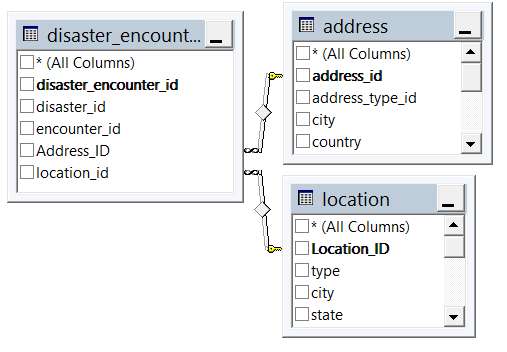
* **Disaster\_Encounter – Location – Address**

Delete:

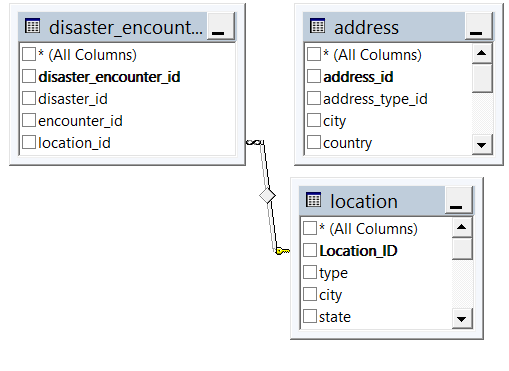
Object: Disaster\_Encounter.Address\_ID

Relationship: Disaster\_Encounter.Address\_ID -> Address.address\_ID

OLD=



New=

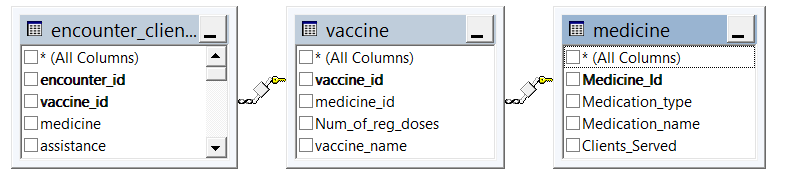


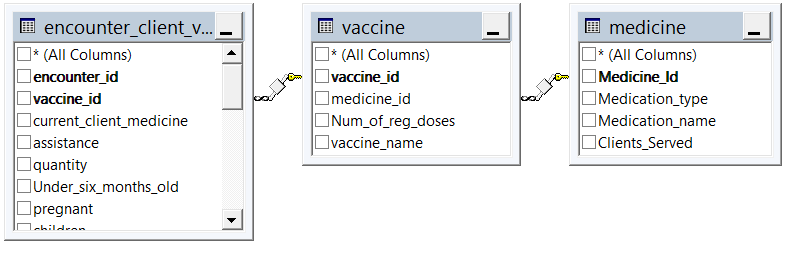
* **Encounter\_client\_vaccine**

Rename:

Object: medicine to Current\_Client\_Medicine

OLD=



New=  


* **Pet – Pet\_Deceased - Pet\_Missing**

Delete:

Objects: Pet.Pet\_Deceased\_ID and Pet.Pet\_Missing\_ID

Relationships: Pet.Pet\_Deceased\_ID -> Pet\_Deceased.Pet\_Deceased\_ID

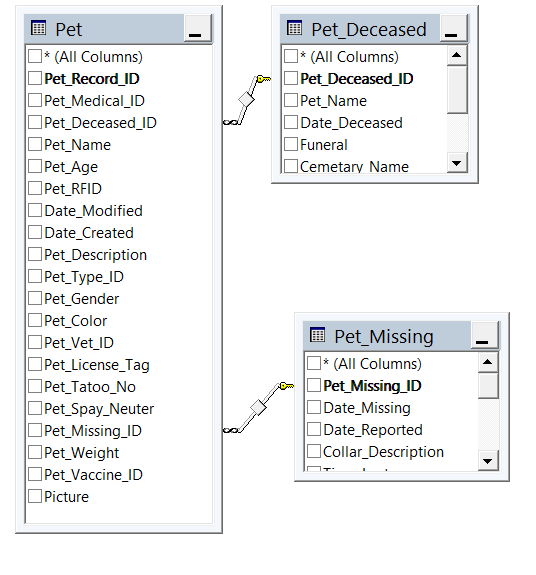
And Pet.Pet\_Missing -> Pet\_Missing.Pet\_Missing\_ID

Add:

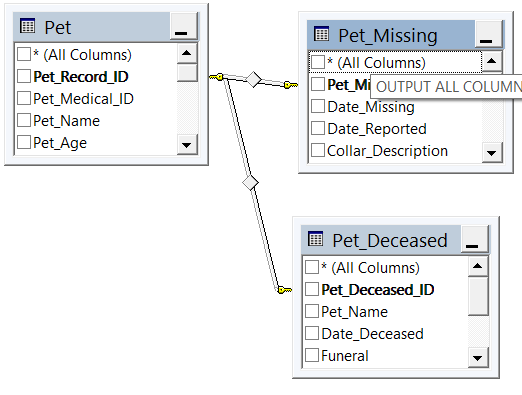
Relationships: Pet.Pet\_ID -> Pet\_Deceased.Pet\_Deceased\_ID

And Pet.Pet\_ID -> Pet\_Missing.Pet\_Missing\_ID

OLD=



New=



* **Pet – Pet\_Vaccine**

Delete:

Object: Pet.Medical\_ID and Pet\_Vaccine.Pet\_Record

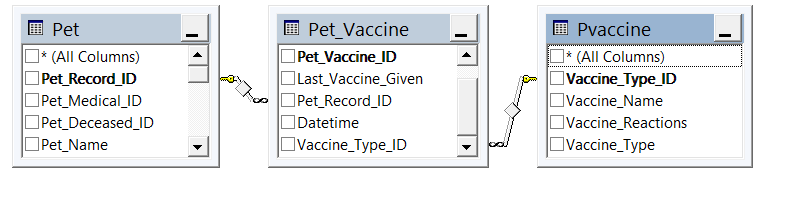
Relationship: Pet.Pet\_Record\_ID -> Pet\_Vaccine.Pet\_Record\_ID

Add:

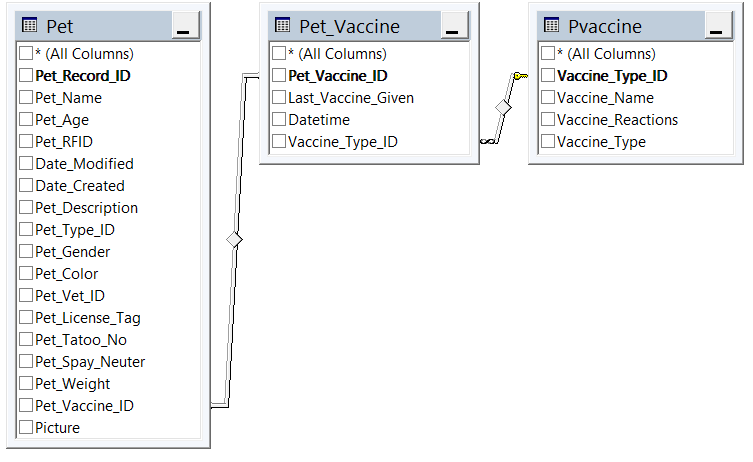
Relationship: Pet.Pet\_Vaccine\_ID -> Pet\_Vaccine.Pet\_Vaccine\_ID

(delete Pvaccine table??)

OLD=



New=



* **Services – all subtypes**

Add:

Relationships:

Job.Job\_ID = PK/FK Service.service\_ID

Medicine.Medicine\_ID = PK/FK Service.service\_ID

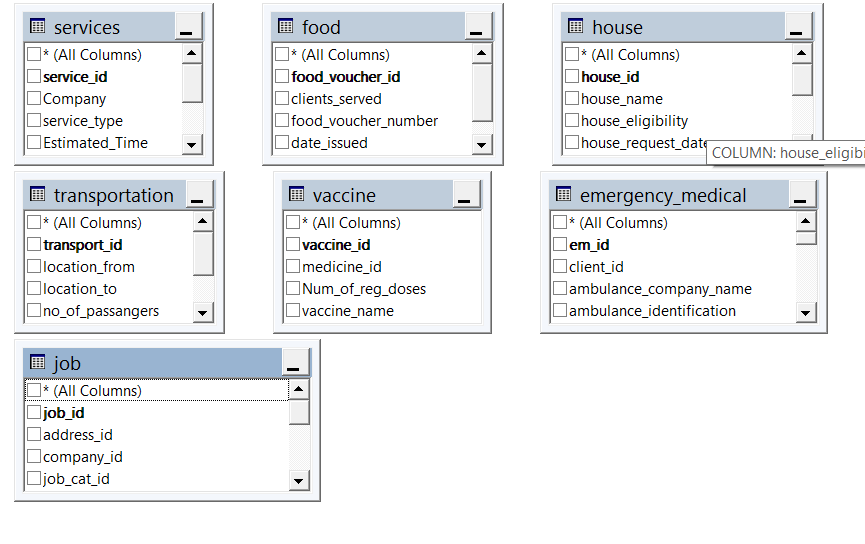
Emergency\_Medical\_ID = PK/FK Service.service\_ID

Transportation.Transportation\_ID = PK/FK Service.service\_ID

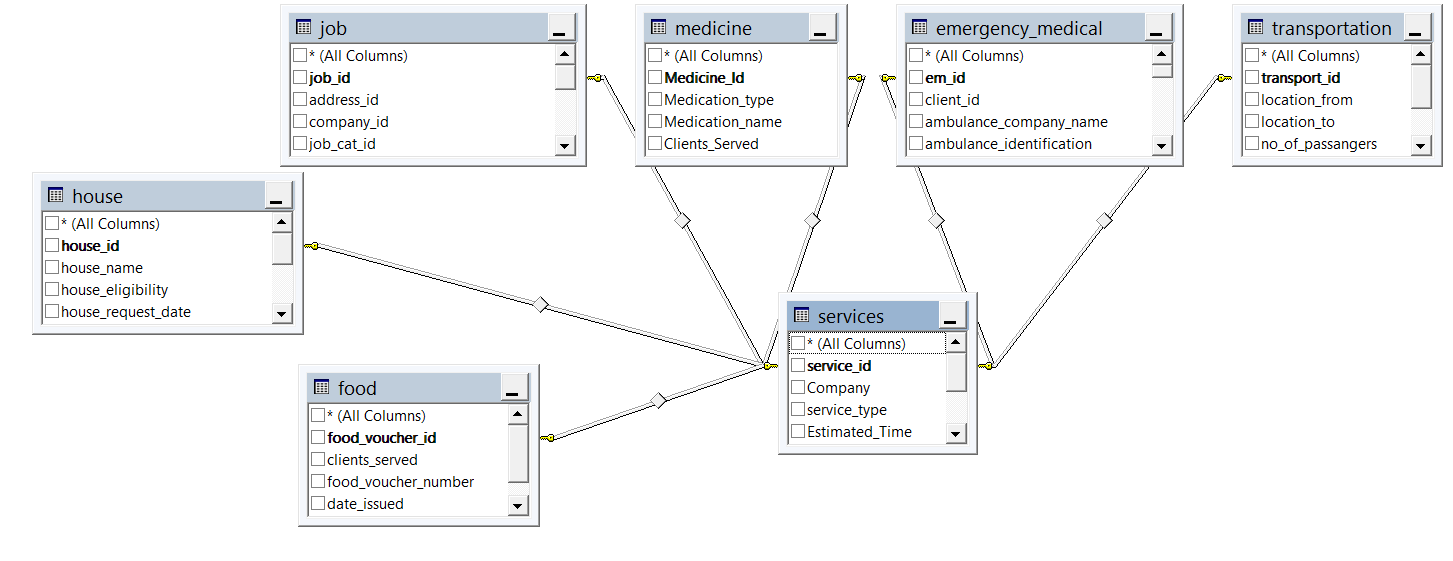
House.House\_ID = PK/FK Service.service\_ID

Food.Food\_ID = PK/FK Service.service\_ID

OLD=



New=

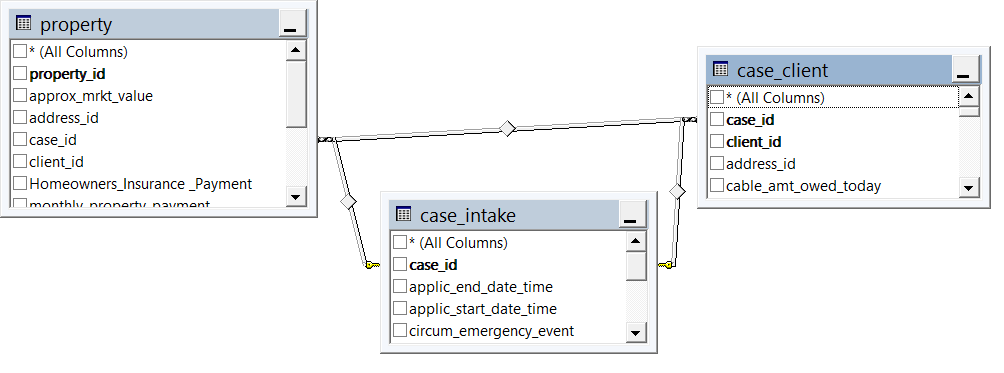


* **Property – Case\_Client – Case\_Intake**

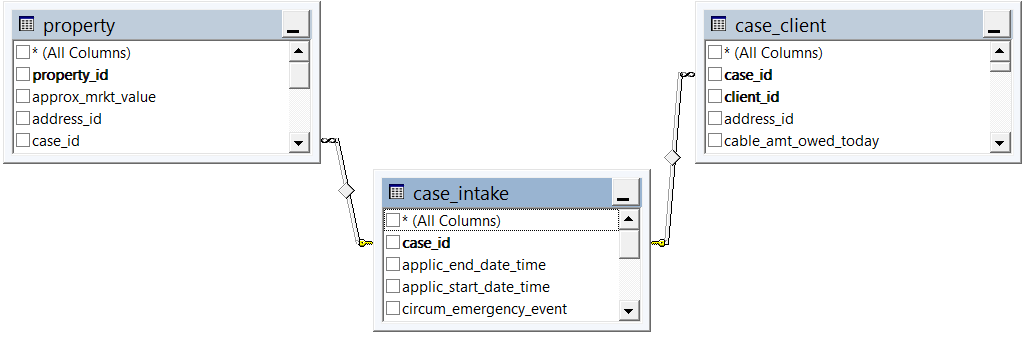
Delete:

Relationship: Property.Case\_ID -> Case\_Intake.Case\_ID

OLD=

****

New=



* **Products - Fema**

Delete:

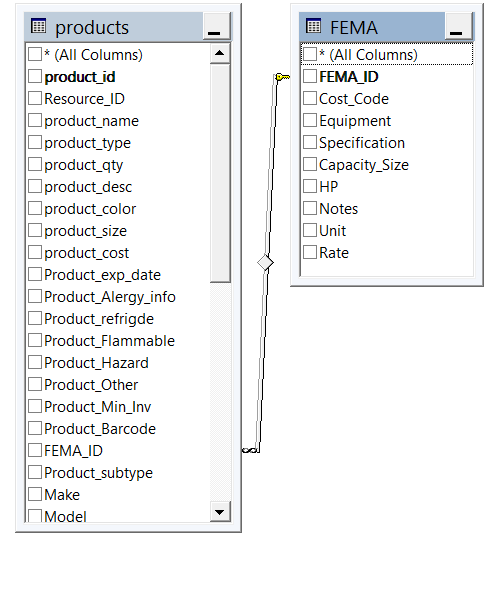
Object: Products.FEMA\_ID

Relationship: Products.FEMA\_ID -> FEMA.FEMA\_ID

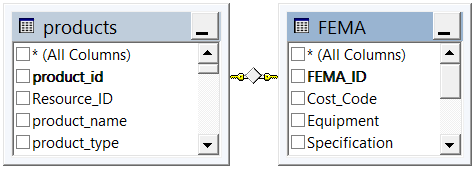
Add:

Relationships: Products.Product\_ID -> FEMA.FEMA\_ID

OLD=

****

New=



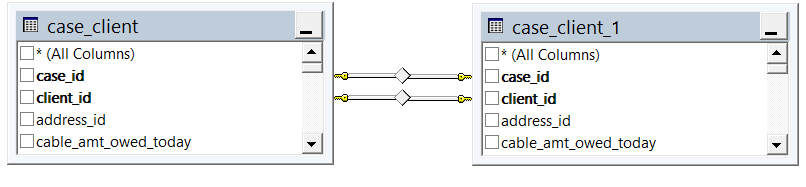
* **Case\_Client**

Delete:

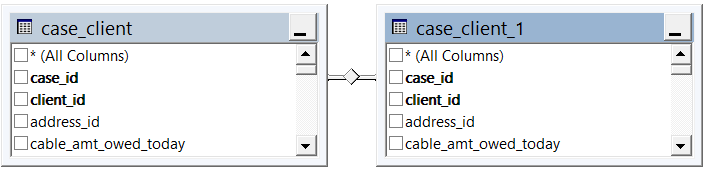
Relationship: Case\_Client.Case\_ID -> Case\_Client.Case\_ID

And Case\_Client.Client\_ID -> Case\_Client.Client\_ID

OLD=



New=



Dustin- Products

* Product\_exp\_date = datetime
* Prod\_Barcode = varcar max
* Fix GPS