



The image above shows how I interpreted the tables that we had to make for the homework with the following assumptions:

- Insurance providers have multiple plans
- Customers can have multiple plans/providers
- Plans can be associated with multiple customers
- PlanID is a unique identifier for each plan

Since I assumed that insurance providers would have more than one plan, I had to add an additional plan table to model the relationship. Either way a “joining” table would have to be used in order to model the many to many relationship between Customer and Insurance Provider. However, since I added the insurance plan table, our “joining” table now joins the Customer and Insurance Plan tables.

In the 3rd and 4th exercise, I defined default values for columns with ALTER TABLE. I realize that I could have just used INSERT INTO for these entries, but I wanted to try the functions from the Lesson 17 slides to define default values for specific columns.