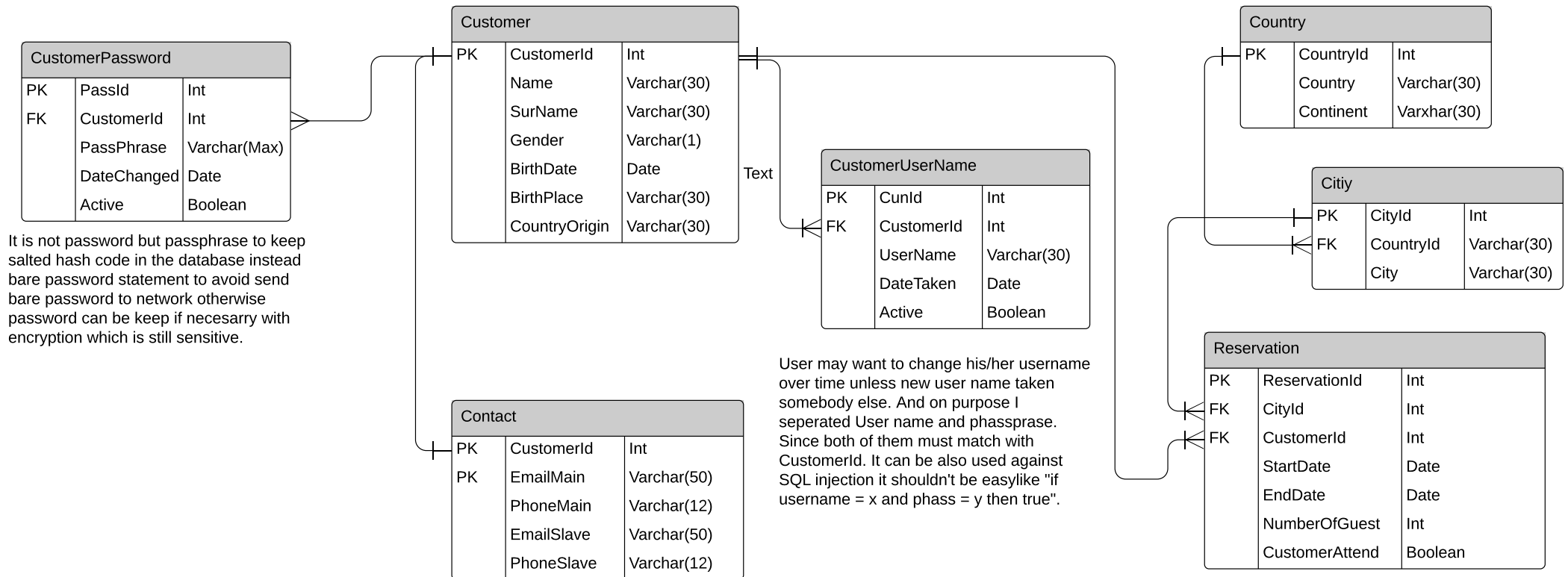


Basic Database ER diagram Week-1 Homework 1

ilhan koral | January 14, 2020



It is not password but passphrase to keep salted hash code in the database instead bare password statement to avoid send bare password to network otherwise password can be keep if necessary with encryption which is still sensitive.

User may want to change his/her username over time unless new user name taken somebody else. And on purpose I separated User name and passphrase. Since both of them must match with CustomerId. It can be also used against SQL injection it shouldn't be easy like "if username = x and pass = y then true".

on purpose, I created contact table separated. Otherwise current form can be merged with customer table. Customer may add in the future more phone number or more email, social media account can be added. Then contact info can be grow one or more table.

To scale out I stopped here. Otherwise reservation details could be added. Guest name age, accommodation.

I assume each customer can make reservation for one city. Again shrink the scope. Other wise may be three layered reservation is necessary. Whole vacation duration, different city may be same date two different city etc.