Database Project Assignment 3: Entity Relationship Diagram & Documentation

As this is a draft I am going to be loosely explaining each paragraph. I also don’t know if the relationships are correct so I won’t be talking about them but instead just having them there on the actual ERD pic attached.

- There is a Management table that have three levels of so-called business model which entails the head management is the owner, secondary level which is the tattoo artists and finally the bottom level which is our secretaries. The business has three levels of hierarchy due to artists have a great say in what is needed to the owner because it’s their work that brings in the customers but are a level above the secretaries due to their job is a revolving door where people can come or go as it won’t affect the business. This table connects to the market\_dept and store tables.

- The store table has connections to the TattooArtist, CustomerID and PaymentID tables. The store table is used to help find out which store each tattoo artist is working at and what name its called, the location, address and of course the hours of operation. This table is aimed to keep data pertaining to just general information that the public might need about the Ink 4 Life store.

- The market\_dept has connections to management and the customerID tables. In there the data that will be stored will be all of the marketing tools used to showcase the Ink 4 Life store. Like on social media, marketing in newspapers or billboards, and of course apparel for men and women.

- The customer table has connections to TattooArtist, StoreID, TattooStyle, PaymentID, and Market\_Dept. The customer is one of the most important tables due to the fact that everything revolves around what the customer wants. There is also the CustomerFName, CustomerLName, and CustomerEmail in the table.

- The TattooArtist has connections to StoreID, TattooStylesID, CustomerID, and PaymentID. Also in the table are ArtistFName, ArtistLName and TattooArtistHours. The TattooArtist is the other most important table due to how the artist has certain styles they can do and what their hours are for customers to get tattooed.

- The payment table has connections to TattooArtist, CustomerID and StoreID. With also to creditcard and cash as other data selections. I put this table here as to limit the many to many tables like in class with the inclass activity and how we needed a payment method inbetween so I just implemented it here. This table is straightforward with what its use is for and what needs to be in it.

- The tattoo styles table is my last table and it has connections to tattooArtistID and CustomerID. With also cover artistry from Traditional, Realistic, Tribal, Neo-Traditional, Japanese and Blackwork Tattoos. This table will be able to connect our customer with the correct tattoo artist that they would like for their tattoo.