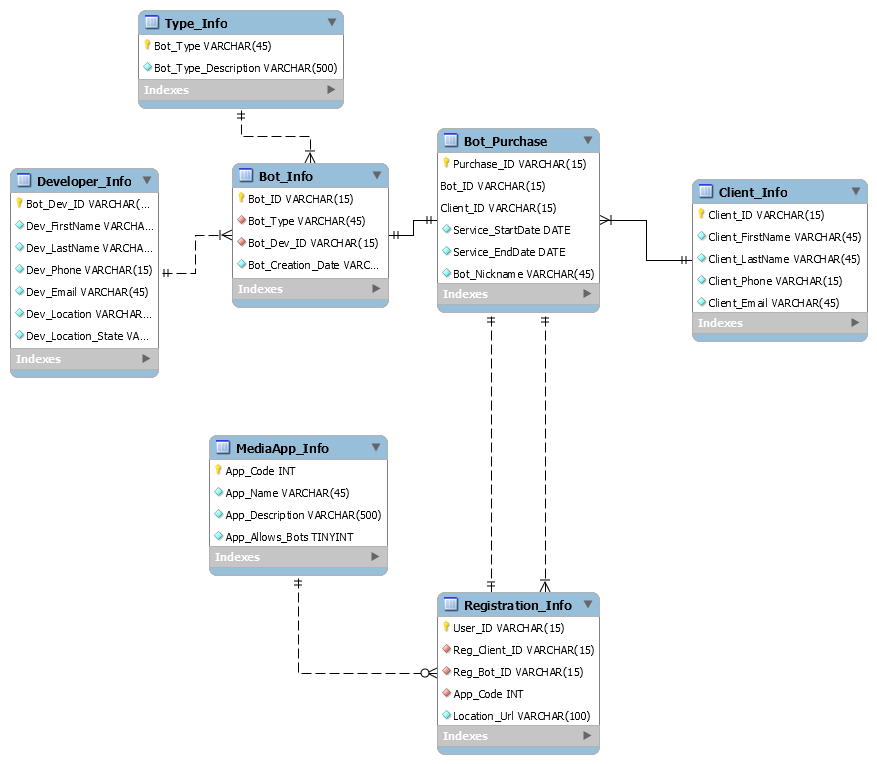
DB Term Team Project

Ricardo Longo, John Fisher, Winsor Tse

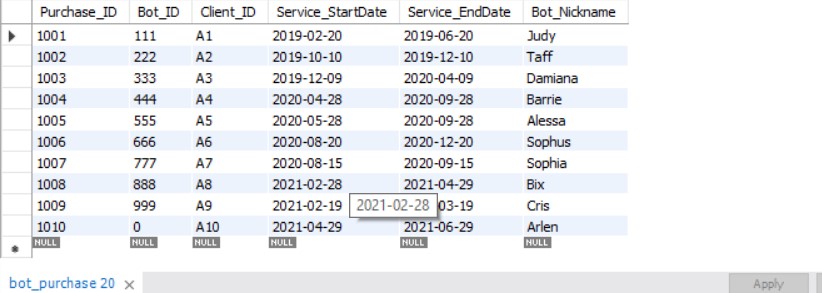
Database Systems (CISC-3500-R01)

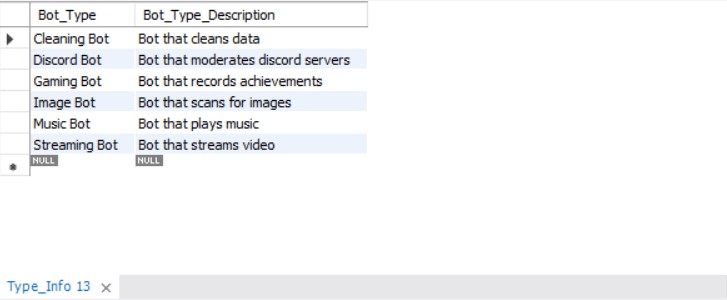
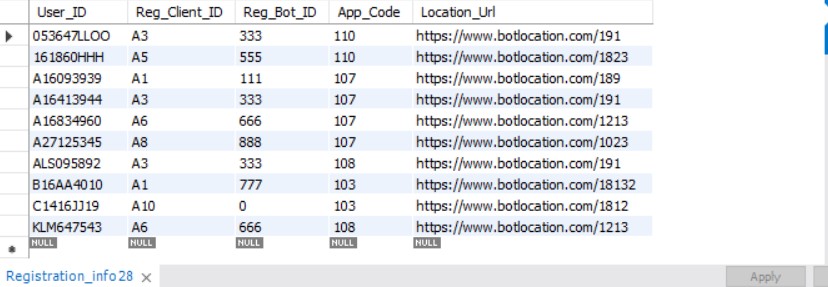
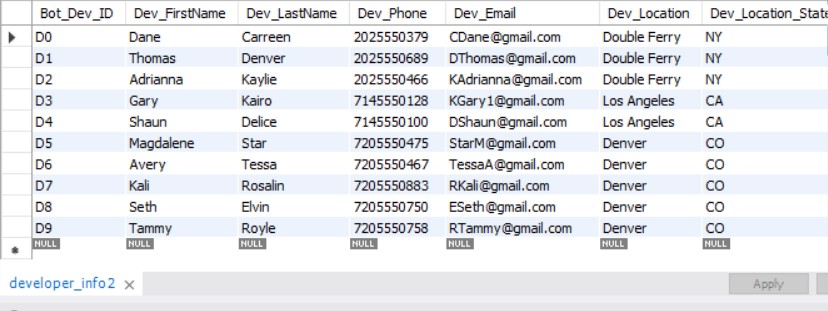
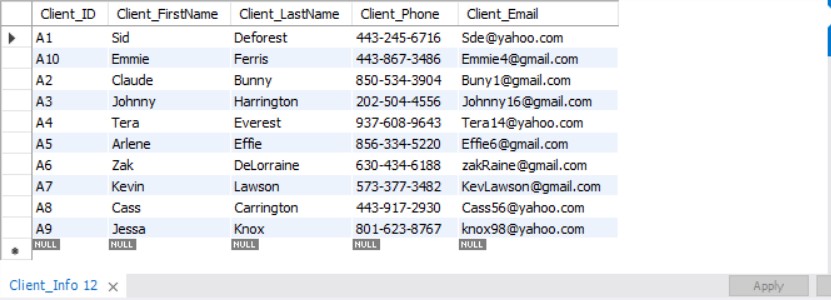
Fordham University

**ER diagram**

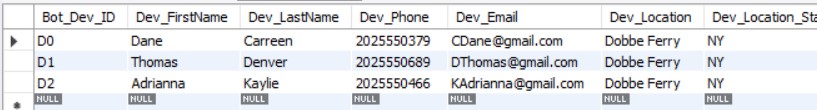
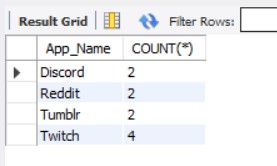
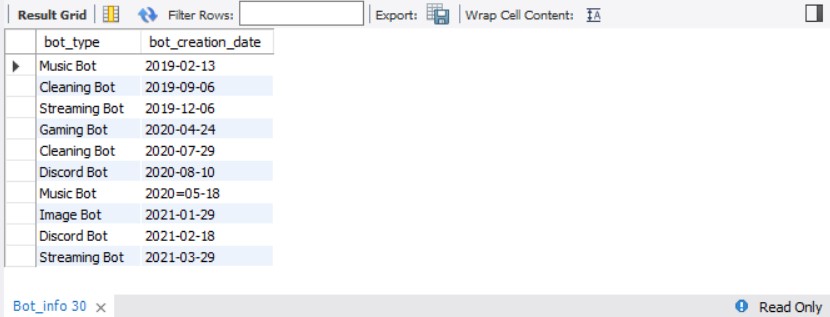
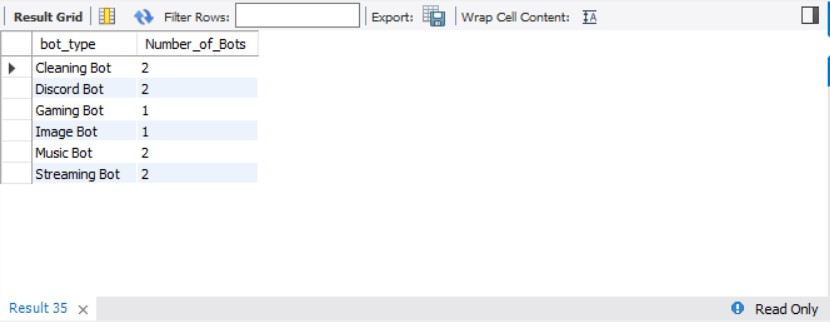


**Tables With Data**

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**Results from Queries**

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**Description About the Project**

Our project focuses primarily on the creation of the database for WITS INC. In the database, we create multiple tables, like Bot\_Info, which stores the information of individual bots. Bot\_ID is used to recognize each bot in the database. Bot\_ID is the primary key of Bot\_Info. Bot\_ID appears as a foreign key in Bot\_Purchase and Registration\_Info. Bot\_ID is of VARCHAR(15); most columns in the database are of VARCHAR as they allow for the use of letters and more extensive entries on the database than INT or other types might let in the database. Developer\_Info stores the information of the creator of each bot, including some of their basic information and their location. Primary key Bot\_Dev\_ID connects the link to Bot\_Info with Developer\_info. Type\_Info indicates how each bot types work and is linked to Bot\_Info by Bot\_Type. Unlike other tables, Bot\_Purchase has the primary Purchase\_ID, which is not foreign to any other table. Instead, Client\_ID is used to link Bot\_Purchases with Client\_Info and Registration\_Info. The use of Client\_ID helps to connect the tables more fluently as the Client\_ID is necessary to identify the owner of the bot and account, unlike Purchase\_ID, which is used only to confirm that the purchase happens. Bot\_ID is used to link Bot\_Purchase and Registration\_Info as the ID is needed to identify which bot is being bought and registered. Registration\_Info is used to record when a bot is used in a Media App. It is linked to MediaApp\_Info with its primary key App\_Code, which we made of type INT. We made App\_Code of type Int simply because the number of Social media that people use is limited (the same few media are used, rarely a new social media emerges). In this case, we found INT to be more simple for people to identify, similarly as might be a code that the user might use, so simplicity for the user is better. This is how our database works and some of the few design choices we took different than other databases might have done. ***UwU***