Jake Bucher

Database Project Assignment 2: Queries in Human

The data that would be collected in my database would be the data from the customers, products, store, employees, marketers, and orders. However, most of the information that will be stored will be from the users as they will be using it for practically everything with the tattoo shop. If the user wants to request a time for a tattoo, buy merchandise or even look at what time slots are available for each artist can be done in the database. The user side of the database will have of course the basic information as described in the previous sentence but it also allows for them to create a username and it gives them a unique ID. This unique ID will be made available after the user creates an account giving their fname, lname, and either an email or phone number for confirmation. While on the backend or who owns it will be the owner of the tattoo shop and all of the tattoo artists. The owner will manage the database but the artists will also have access to the database be able to upload their schedules of when they are available and to block off dates of requested days.

**17 Questions for business/organization**

1. How many total registered users are there?

- SELECT COUNT(\*) FROM USERS

1. What kind of products are being sold?

- SELECT PRODUCT(\*)

- SELECT(\*) MALE or FEMALE prod\_shirt, prod\_tanktop, prod\_sweatshirt

1. What artist would you like to work with?

- SELECT ARTIST(\*)

1. What style would you like?

- SELECT STYLE(\*)

1. Who is user ID 2?

- SELECT(\*) FNAME, LNAME FROM USERS WHERE ID=2

1. How many users have signed up today?

- SELECT COUNT(\*) FROM USERS WHERE DATE = CURRENT\_DATE

1. How many choose to have email with account?

- SELECT(\*) FROM USERS WHERE EMAIL NOT NULL

1. How many choose to have phone with account?

- SELECT(\*) FROM USERS WHERE PHONE NOT NULL

1. How many total product do we have?

- SELECT(\*) FROM PRODUCT

1. What time is available for one artist?

- SELECT(\*) FROM ARTIST WHERE DATE

1. What style does each artist do?

- SELECT(\*) FROM ARTIST WHERE STYLE

1. How many users first names start with a J?

- SELECT COUNT(\*) FROM USERS WHERE FNAME “J”

1. How many orders have been placed within the past year?

- SELECT(\*) FROM ORDERS WHERE DATE = 2020-01-01

1. Are there any names with Casey?

- SELECT(\*) FROM USERS WHERE FNAME = “Casey”

1. How many stores are there?

- SELECT(\*) STORES

1. Which product has 0 left?

- SELECT(\*) FROM PRODUCT WHERE PRODNAME = 0

1. How much total money made in past year from product?

- SELECT(SUM) FROM ORDERS WHERE DATE = 2020-01-01

**Partner’s Database**

My partner’s database is about helping a school with recruiting so that way they can be more organized and not using excel anymore. The database will be used to store data about each player they are trying to recruit to the school to play for them. It will save data with their fname, lname, height, weight, high school they are at and contact information. This would allow the coaches to search through the database easier when finding players, they recently put it. It also helps in comparing other recruits by being able to pull up their names right next to each other to see. The database will be owned of course by the coaches, and they will be the only ones with access to it due to they are the only ones seeing/using it.

**3 Questions**

1. How many recruits are there?

- SELECT(\*) COUNT GET\_ALL

1. Player who goes to Aurora High School?

- SELECT(\*) FROM HIGH\_SCHOOL

1. Players who are 6”?

- SELECT(\*) FROM HEIGHT

1. How many first names are Casey?

- SELECT(\*) FROM USERS WHERE FNAME = “Casey”