CS480 – Course Project

Summer 2020

Database: music shop that will create an easy experience for customers looking for artists, albums, or songs.

Description:

There is a music shop that has customers with different taste of genres, every customer who purchases anything from the music store will be given an unique customer ID, a list of artists or bands (name, songs, prices, year) in the order of most recent purchase. Alongside the customer ID, customers will give their name, and email address in case they might want to review their purchases. The data systems will also hold tickets for live events for customers who is wanting to see their favorite artists.

Project Part 2 – CRUD (Create, read, update, and delete)

Deadline: July 18,2020

List of entities:

1. Customers
2. Artists
3. Events
4. Insert/delete/update/read: customers that is in the music store database. Customer ID will be identifying a customer. The customer ID will be generated by the customer database.
5. Insert/delete/update/read: artist music and name will be inserted and read. You will be also be able to update and delete if store runs out of the product or if the music store loses its license for that product.
6. Insert/delete/update/read: Events will be inserting that the Artists are having, and customers will be able to buy tickets and they will be given an ID for those events.

Project Part 3:

Simple Queries:

1. List all customers that have the name Keith
2. List all music that came out in 2017
3. List all customer’s email

Complex Queries:

1. List all Artists that is having an event
2. List the number of music that came out in total
3. List all of customer and Event in one table