CS 205

Warmup Project Data Description

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For the warmup project, our group has decided to go the music route when choosing our data type. Our dataset has information on the top 50 songs on Spotify. As expected, we will have two tables and a foreign key on the first table that matches to a primary key on the second table.

The fields or columns of the 1st table are as follows: ID (primary key), song name (String), artist name (string, foreign key to table 2), and genre of the song (string). This table has 50 rows. The fields or columns of the 2nd table are as follows: ID (primary key), artist name (string, foreign key to table 1), birthdate (date), and hometown (string). This table has 38 rows.

We are confident in the data that we chose, and we truly feel we will be able to produce a quality command line interface to query the data that is stored in our DB.

Songs (table-1)

id integer primary key

song char[64]

artist char[32] foreign key to Artists table

genre char[32]

Artists (table-2)

id integer primary key

artist char[32] foreign key to Songs table

birthdate date

hometown char[64]