

Team 10

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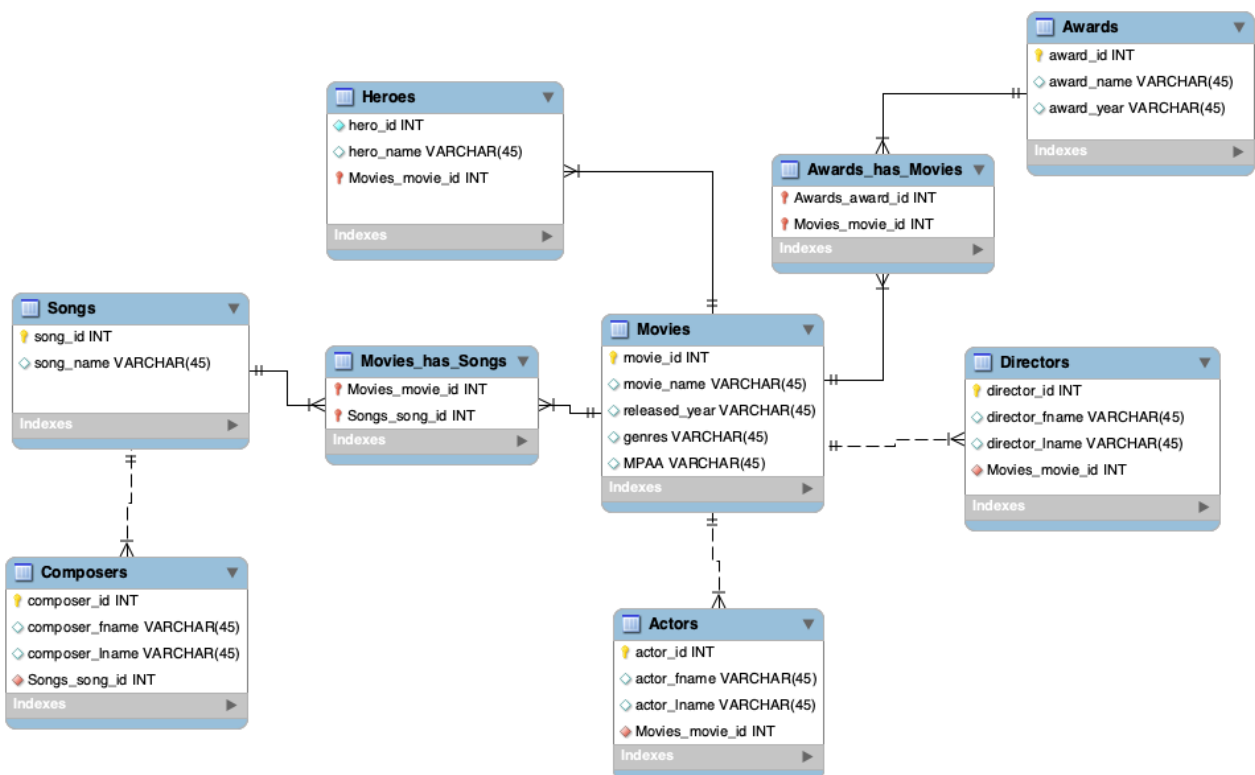
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INST 327 - 0103

4/15/2022

Progress Report

Draft ERD:



Database Description:

The database is about film scores from Marvel movies on Spotify. “A film score is original (usually instrumental) music composed and recorded especially for a film. Written by a single composer, though sometimes more, it is designed to fit the film and its story perfectly, adhering to a strict timecode. Film scores were traditionally performed by orchestras, and many still are, but today a film score might feature all manner of sounds and instruments.”

The list of movies we decided to research is in the section “Sample Data Plan.” The target audience would be Marvel fans, any movie director who is creating a movie, and movie fanatics. Movie directors would use this database to acquire some inspiration for soundtracks for their upcoming movies. This database would help both the Marvel fans and movie directors easily organize and compile a playlist of their favorite Marvel sounds.

Sample Data Plan

Our group will continue to use the same sample data as we were planning. The sample data will be the 15 movies selected from the Marvel series.

1	Doctor Strange	https://open.spotify.com/album/6wLxqu3cGnJoJZyiA3Pe10?si=o5kMVrFOSBquWZ5ILTC-nQ
2	Spider-Man: Into the Spider-Verse	https://open.spotify.com/album/5KP2NReDL2Bv0QLzHSvUwM?si=MdP9sh0MSKuG16EGDWnu9A
3	Captain Marvel	https://open.spotify.com/album/7JkLtKFARIE47ungawDy0?si=VbyckF9uT_etxHObq0YzvA
4	Guardians of the Galaxy	https://open.spotify.com/album/3KxwtSwqC6Ed49laOpSIJM?si=XZ8kqJ6HQjiwds7zxgxE4Q
5	Black Widow	https://open.spotify.com/album/6ov95v1bTRaC6ds2FaIcK?si=6Ely9YnTROaYckI3Stxr-A

6	Black Panther	https://open.spotify.com/album/7KDslrXaOYS28ferZi5UVK?si=QamovVM6RfiSII-tlbKnDA
7	Shang-Chi and the Legend of the Ten Rings	https://open.spotify.com/album/72LIvmrUE6L6bBO5gzvbya?si=LMPB0OybToeN2jAcws9z4g
8	Iron Man 2	https://open.spotify.com/album/6bnGdcfwPDRSkj6H8GcbAh
9	Iron Man 3	https://open.spotify.com/album/7x6etI9jQ2ePxZUOQaPrbi?highlight=spotify:track:7u5XBHnht6dyoRXRBb5soK
10	Captain America: The First Avenger	https://open.spotify.com/album/0La1Tskamjd6akysepE8r5?autoplay=true
11	Iron Man	https://open.spotify.com/album/2kZIE8a2e1hUaIAJzCCBJT?autoplay=true
12	Thor 1	https://open.spotify.com/album/3OCSaoAx2IdkeUtd4T5cuS?autoplay=true
13	Thor: The Dark World	https://open.spotify.com/album/2dTEXpN7fg9cJPKCCyDJ1y?autoplay=true
14	Thor: Ragnarok	https://open.spotify.com/album/4gecrZPdDxMIVxBtpobpxr?autoplay=true
15	Captain America: The Winter Soldier	https://open.spotify.com/album/3nWTffckeFVKV26BNZgKCl?autoplay=true

Progress Report:

Since we submitted the proposal, our team has collected the raw database from Spotify and made it into different tables in an Excel spreadsheet. So far, we are working on adding databases to the Movies and Heroes tables. Meanwhile, we are also adding columns and attributes to the tables and making any necessary changes.

While we create tables, we are considering table relationships. We are still figuring out what kind of relationships would exist between tables. Because some of our tables can have many-to-many-relationships and those relationships could easily confuse the database, we decided to start with collecting raw data first in tables accordingly and see the whole picture of table relationships later.

Here is a screenshot of our excel spreadsheet:

The screenshot shows a Google Sheets spreadsheet with two tables. The first table, 'Table1 : Movies', has columns for movie_id, movie_name, released_year, Genres, and MPAA. The second table, 'Table2 : Heroes', has columns for hero_id, hero_name, actor_id, and movie_id.

Table1 : Movies				
movie_id	movie_name	released_year	Genres	MPAA
1	Doctor Strange	2016	Action, sci-fi, adventure, fantasy	PG-13
2	Spider-Man: Into the Spider-Verse	2018	family, sci-fi	PG
3	Captain Marvel			
4	Guardians of the Galaxy			
5	Black Widow			
6	Black Panther			
7	Shang-Chi and the Legend of the Ten Rings			
8	Iron Man 2			
9	Iron Man 3			
10	Captain America: The First Avenger			
11	Iron Man			
12	Thor 1			
13	Thor: The Dark World			
14	Thor: Ragnarok			
15	Captain America: The Winter Soldier			

Table2 : Heroes			
hero_id	hero_name	actor_id	movie_id
1	doctor strange		1
2	spider man		2
3	Captain Marvel		

Changes from the Initial Proposal:

Our team did not change anything except we added some attributes to the table. We also kept the same scope for our project which is the same as our initial plan.

We also continue not to disclose any personal information of Spotify users, movie creators, and composers.

Diversity, Equity, and Inclusion Considerations:

There are some biases toward Marvel Cinematic Universe and DC Comics which could lead to DC fans not knowing any of these soundtracks due to favoritism. There's also an inclusivity issue with people who haven't seen any Marvel movies. Without background Marvel knowledge, the purpose of our database could be confusing to people who lack that knowledge.

Data Privacy, Fair Use, Other Ethical Considerations:

After discussing amongst each other, we have decided to make the database public so there wouldn't be any copyright or fair use issues. That being said, the issue we may encounter is the public editing our database without permission but they may use it for whatever they need. Our team also observes zero data elements that might lead to compromised privacy in case of a flawed user access policy or a potential database breach.

Plans for Remaining Work:

Remaining tasks are forward engineering the ERD, start writing queries and compiling the final report. As for distributing responsibilities, we usually work on every section together and help others as needed. We keep other team members in check and equitably distribute the workload.