

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 148

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description

DOMAIN:

The domain of our application is profile management and social media for a music streaming application (we are aiming to integrate with Spotify).

DATABASE IMPLEMENTATION:

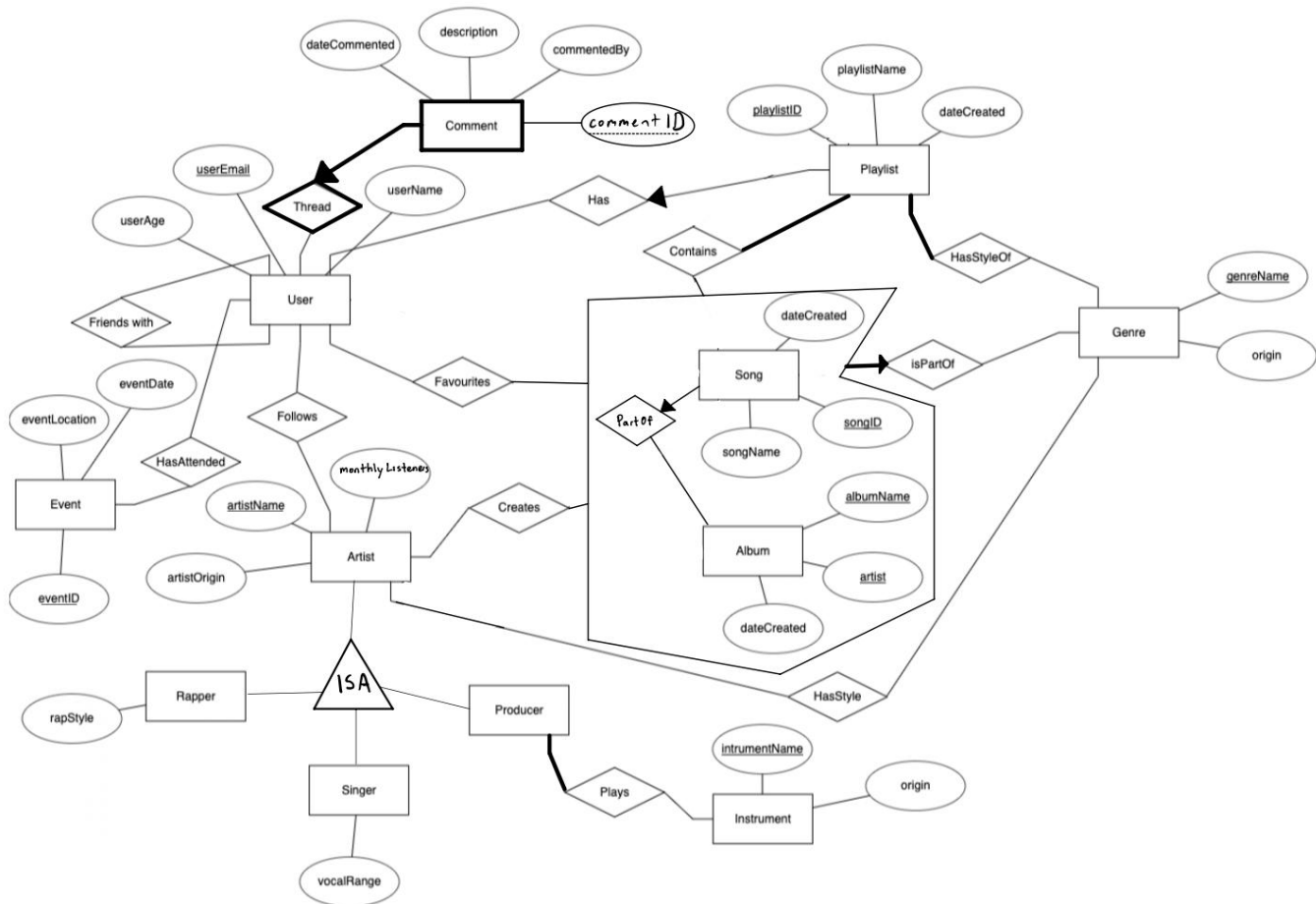
Our project is trying to address the unused potential of music streaming services for social connection. We think that music has a strong ability to connect people and with some added functionality, music streaming can be a more socially enriching experience. Our project will be a platform for users to connect with friends and share and discuss music. For example, a user using our application would be able to comment on their friends' playlists, allowing different friends to request songs or give their thanks for a great playlist. Users will also be able to see each others' recently attended or future concerts allowing for conversations to start around shared taste and plans to be made centered around music.

DATABASE SPECIFICATIONS:

People using our database will be able to create their account, create playlists, post music events they've gone to, follow artists & view their information (music style, monthly listeners, biography, and albums/songs), and view albums/songs and their genre. Users will also be able to interact with each other, with an ability to add friends, view their playlists, and even like and comment on each other's playlists. This will all be done via an intuitive user interface. We are also looking to link user spotify accounts if possible.

TECHSTACK:

We will be using Oracle as our platform. Our expected techstack will be PHP for our backend server-side operations, React (Javascript) for building the UI, Oracle for our DBMS, and SQL to interact with our database.



We look forward to helping connect people through music!