University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 120

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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
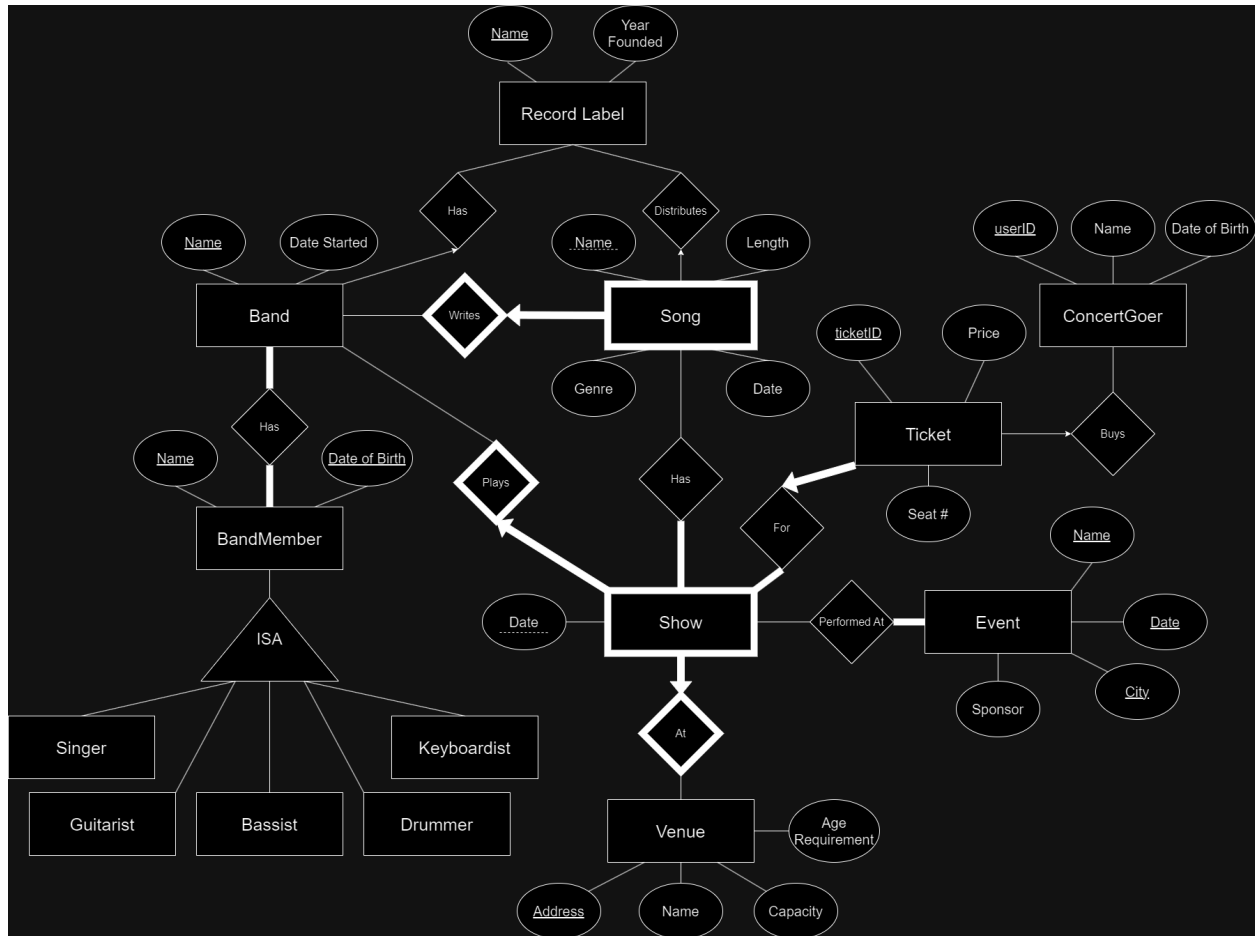
Project Description

The project's domain is concerts, and bands/music shows in general. It will model the interactions between fans, bands and their members, shows, venues, and events. This project aims to address the often complicated systems behind these concerts, centralizing and streamlining the 'concert experience' for a fan of a band in the database. For example, if someone is a fan of a band, they could use our application to see their upcoming shows and more.

Database Specifications

As mentioned above, fans can use the application to see upcoming shows of bands, including which venues or events they are playing at. They can also look into the bands themselves - the individual members and their roles in a band. Because the application aims to centralize the fan experience, it can also be used to purchase tickets for upcoming shows. This will be managed through an account, i.e. every fan will be a user of this application and can log in/out to see anything mentioned above.

Application Platform

We will use the department provided Oracle servers. While not sure, we are thinking of going forwards with PHP, despite the time needed to learn it, as we believe it will simplify the project in combination with SQL. As for libraries, the standard PHP library might be enough to suffice but as the project goes on and we learn PHP we might consider a library more fit to handle whatever we may face.

ER Diagram Specifications

Singer/Guitarist/Bassist/Drummer/Keyboardist

- COVERS BandMember (Total)
- OVERLAPS BandMember