

Song/Playlist Management System

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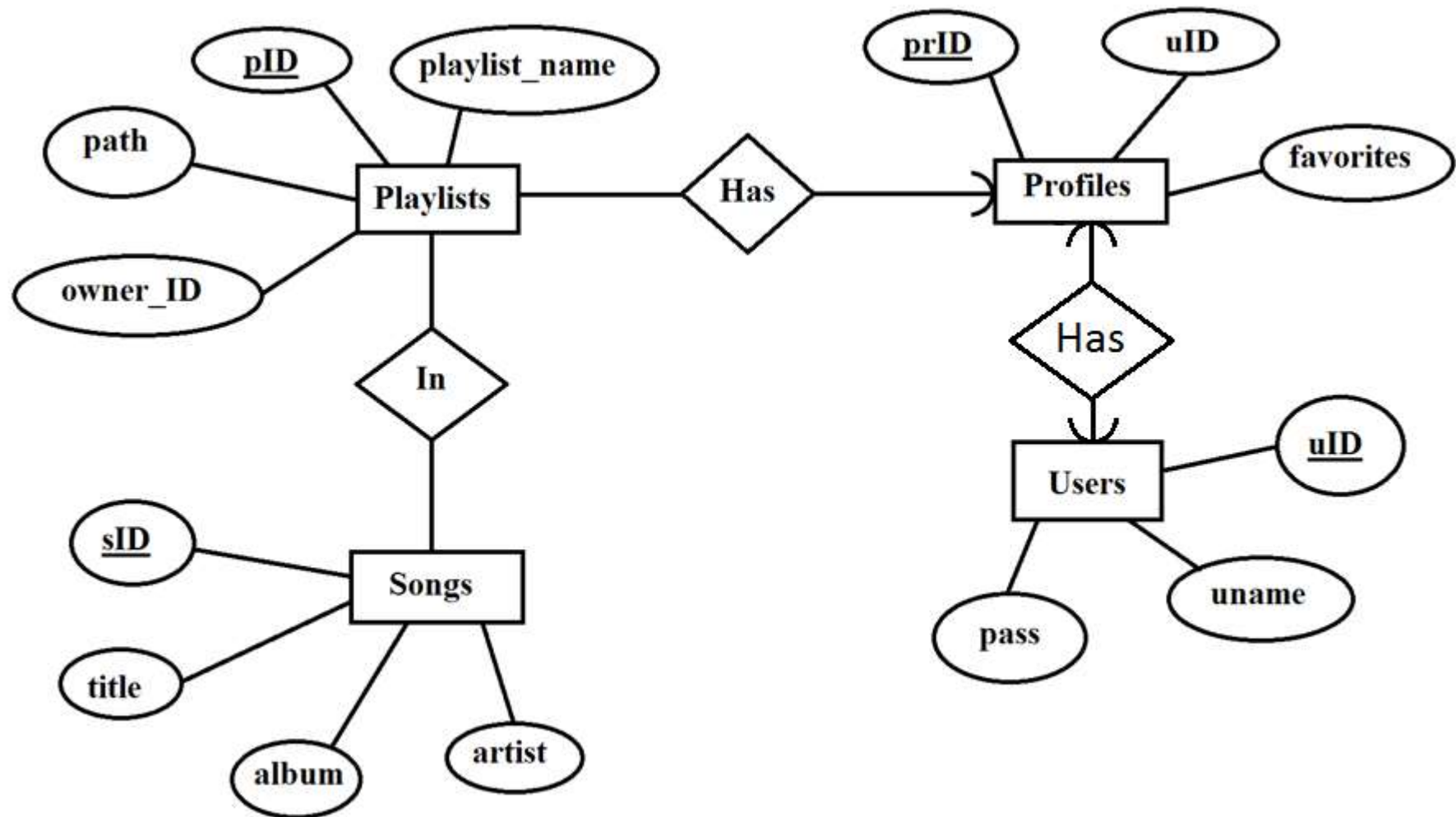
Overview

- This DBMS project aimed to provide an easy and effective way for users to manage their music libraries.
- This is accomplished with manipulating playlists and songs, including insertion/deletion of songs, and creating, updating, and searching playlists.

Functions

- Each User has access to the following functions:
 - Login
 - Add/Insert
 - Remove/Delete
 - Update
 - Search
 - Playlist Writer
- The User can only modify playlists that are associated with their account

ER Diagram



Tools Used

- DBMS – SQLite (SQLite Studio)
- Coding – Java, Eclipse IDE
- Design – Window Builder, Java Swing

Demonstration

Group Work Distribution

- Isaac Moreno – Main Window, Update and Playlist Function
- Mark Reyes – Login Function, Presentation & Report
- Trey Seddon – Add, Remove, and Search Functions

Future Improvements

- Possible Web-integration
- Better account security/verification
- GUI Improvements
- More functions – Will allow for more in-depth playlist customization and manipulation

Conclusion

- We believe the system we've created is a good start for an easy-to-use playlist system that is effective and easy to use.
- The system will allow users to manage their music and playlists easily.
- However, there's still areas that can be improved.