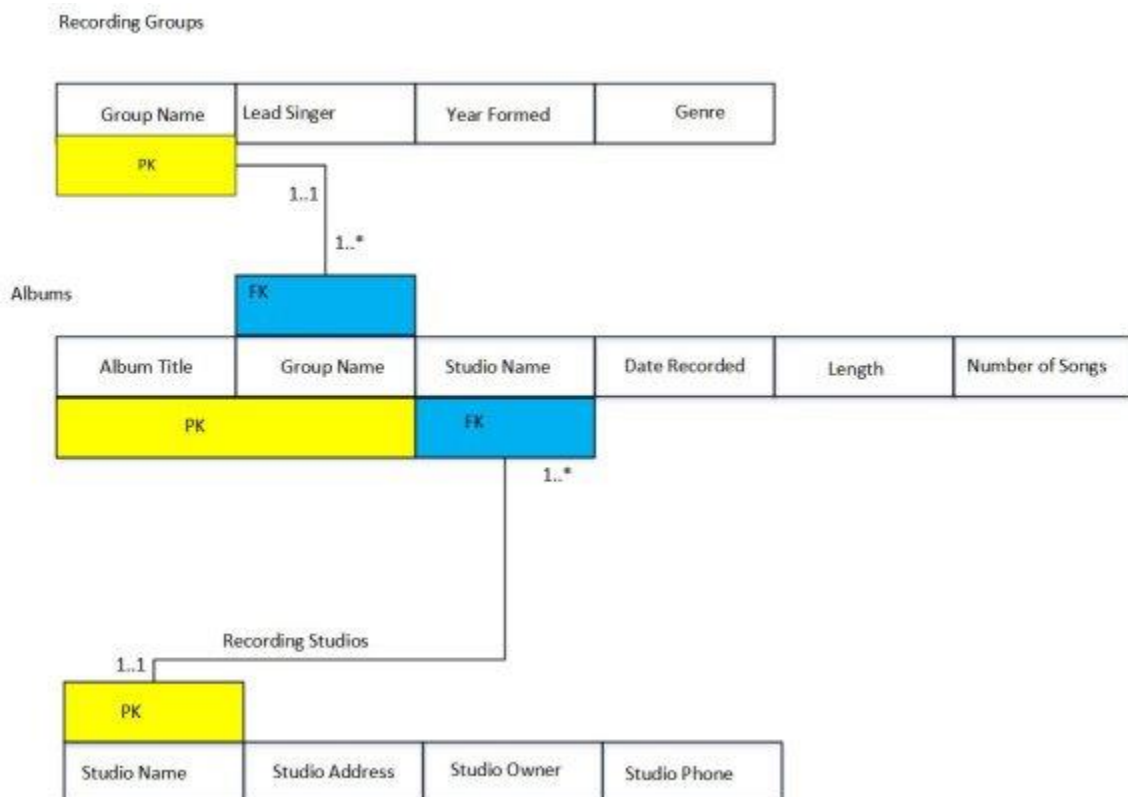


# JDBC Project

You need to create a database for the following class diagram/relation scheme.



- Create a .sql file for the DDL and run this script to create the database, tables, etc.
  - Please be sure to use the datatypes specified [here](#) for the various columns in your tables.
  - Please document your SQL.

- Write a JDBC program to support the following functions:
  - List all album titles
  - List all the data for an album specified by the user
    - Please perform a join from the albums table to the RecordingStudio and the RecordingGroup tables and display the columns from all three of them.
  - Insert a new album
    - If the studio and/or group that the user references do not exist, you can either give them a list of studios/groups currently in the database, and then ask them which one they want to associate the given album to.
    - Or, prompt them for the information needed to create the new studio and/or group that they referenced.
  - Insert a new studio and update all albums published by one studio to be published by the new studio
    - At this point, prompt the user for which studio they want to replace with the new studio.
    - Print out the resulting albums that have been put into the new studio.
  - Remove an album specified by the user
- Make sure you handle any SQLExceptions that are thrown
- You must use your NetBeans Derby database for this project
- **Unlike** the sample code you were given, do **not** use strings for your SQL statements. Rather, use prepared statements. We'll go over that in lab, but in the meantime you can read up on those [here](#).

## Deliverables

- SQL statements used to create the tables and referential integrity constraints.
- Java code written to support this project
- Examples of the output for each query stated above.

**Latest Update:** 1/4/2016 4:35 PM

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