House Cleaning and MySQL

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House Cleaning

ER Diagram from last week

Genre	
id	
genre	

Genre_Book	
id	
genre_id	
book_id	

Book	
id	
title	

Author_Book	
id	
book_id	
author_id	

Author	
id	
author_id	
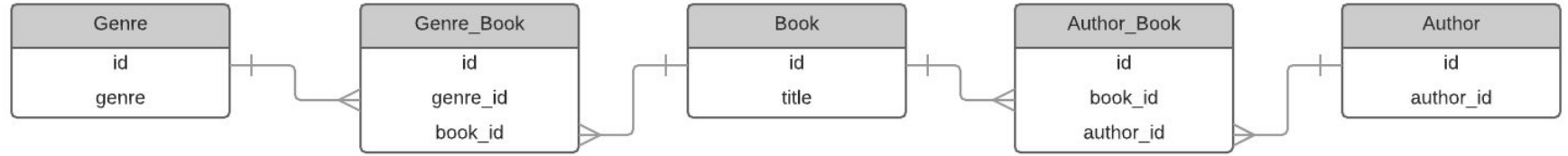
Final Project Information

Overall goal:

The final product should be a working, web-based application that uses a MySQL database to provide information to the user.

Things to take into consideration, things I am requiring:

- minimum of 3 fields to search by
- use of moreinfo pages (we will learn this)

Things I will be looking for in grading:

- A sufficiently large set of tables and data to demonstrate that the group members understand the basic concepts of normalization and how to store and retrieve data from a database. For most groups this will be 5 to 10 tables and a few dozen rows within their primary tables.
- SELECT statements that include joins across tables to demonstrate students' understanding of table relationships.
- An interface written in PHP that demonstrate students' understanding of how to retrieve and manipulate information from a database.
- Code that is well-commented with meaningful variable names.

Please Note:

This is not an interface design class. While beautiful web pages with lush backgrounds, interactive javascript elements, and robust CSS definitions are welcome, they are not integral to the success of your project. I am much more interested in seeing that you incorporated the lessons we learned in class and in the weekly assignments.

Class Tutorial

Goal:

This week's assignment will be a collaborative exercise to explore the various types of searches and joins that can be performed against a SQL database. Your group will work together to build a short tutorial on one of the following topics:

- LEFT JOIN
- RIGHT JOIN
- INNER JOIN
- UNION
- subqueries
- SQL views

More info:

- The tutorial can be built as a PowerPoint, a Prezi, a Google Presentation, a PDF, or any other format that will be readable by the class.
- It should contain a description of the topic, how it might be used, and at least one example using "library" or some other database.
- Please upload it prior to the start of class in two weeks (11/2)..
- Each tutorial will be added to the class files so that it can benefit the entire class.

House Cleaning done!

MySQL time~~!!

mysql -p -u [iSchool account]

default password inf385

SET PASSWORD FOR '[iSchool account]'@'localhost' = PASSWORD('[new password]');
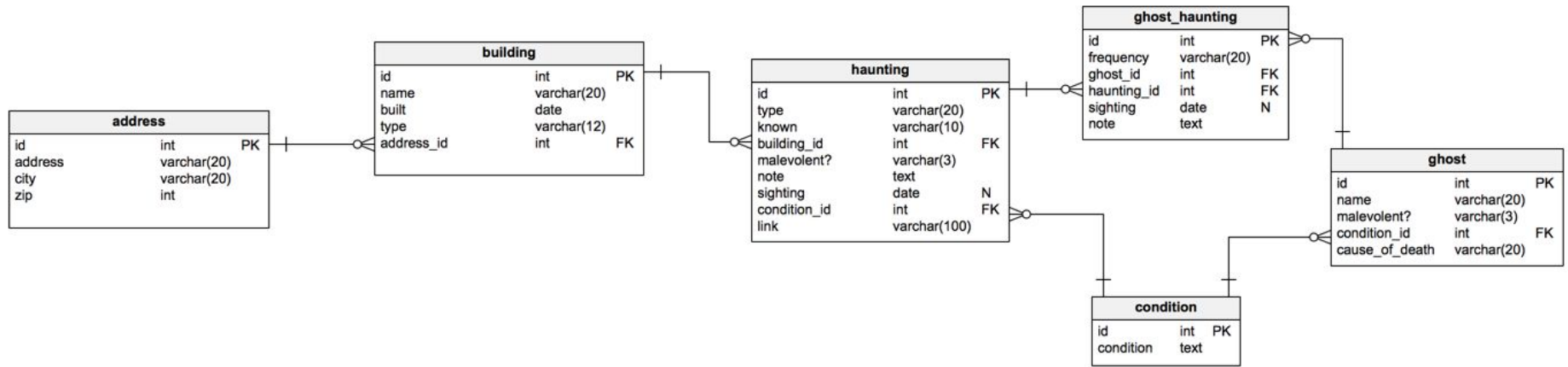
For next week:

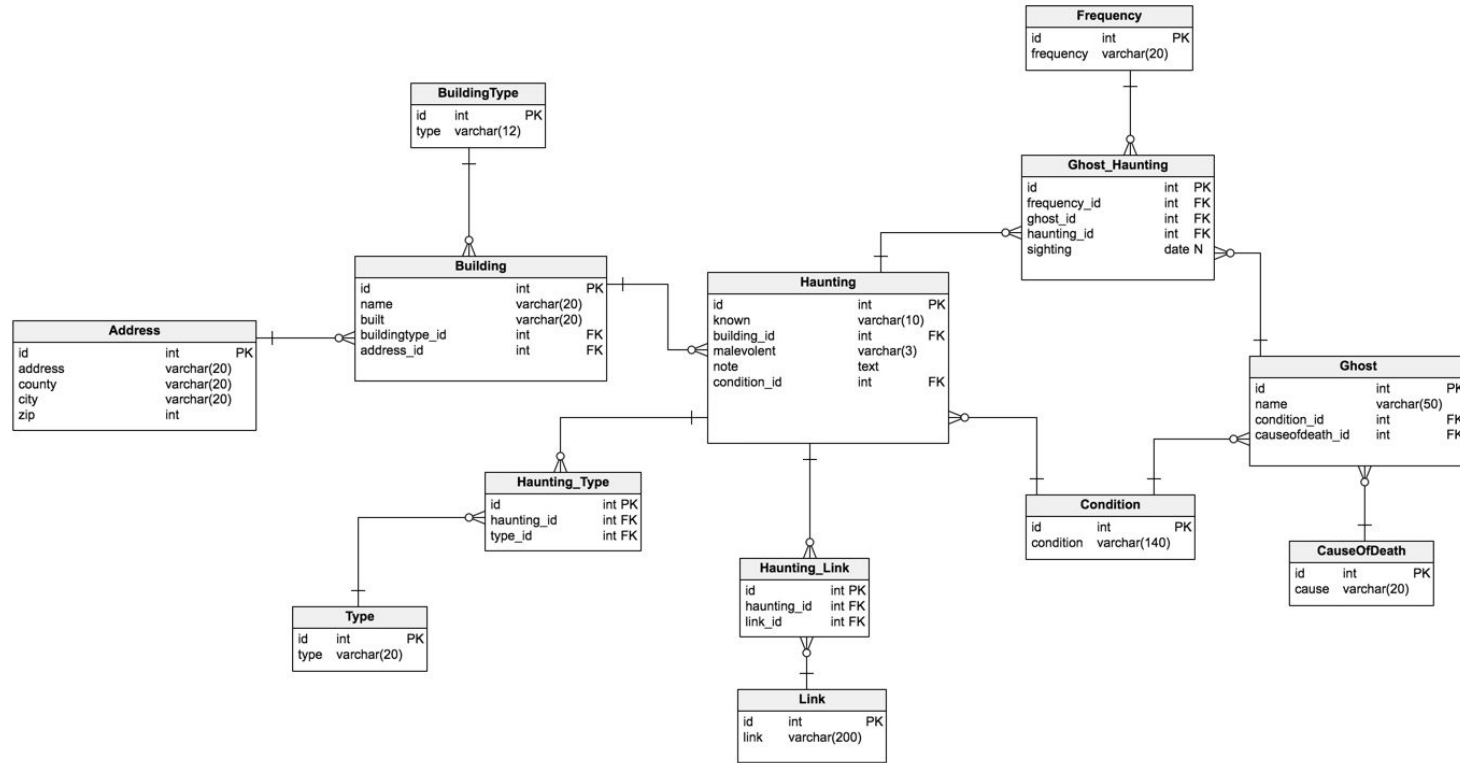Start building an ER diagram for your project.

This can be drawn on paper or using software (LucidChart is a good free online tool).

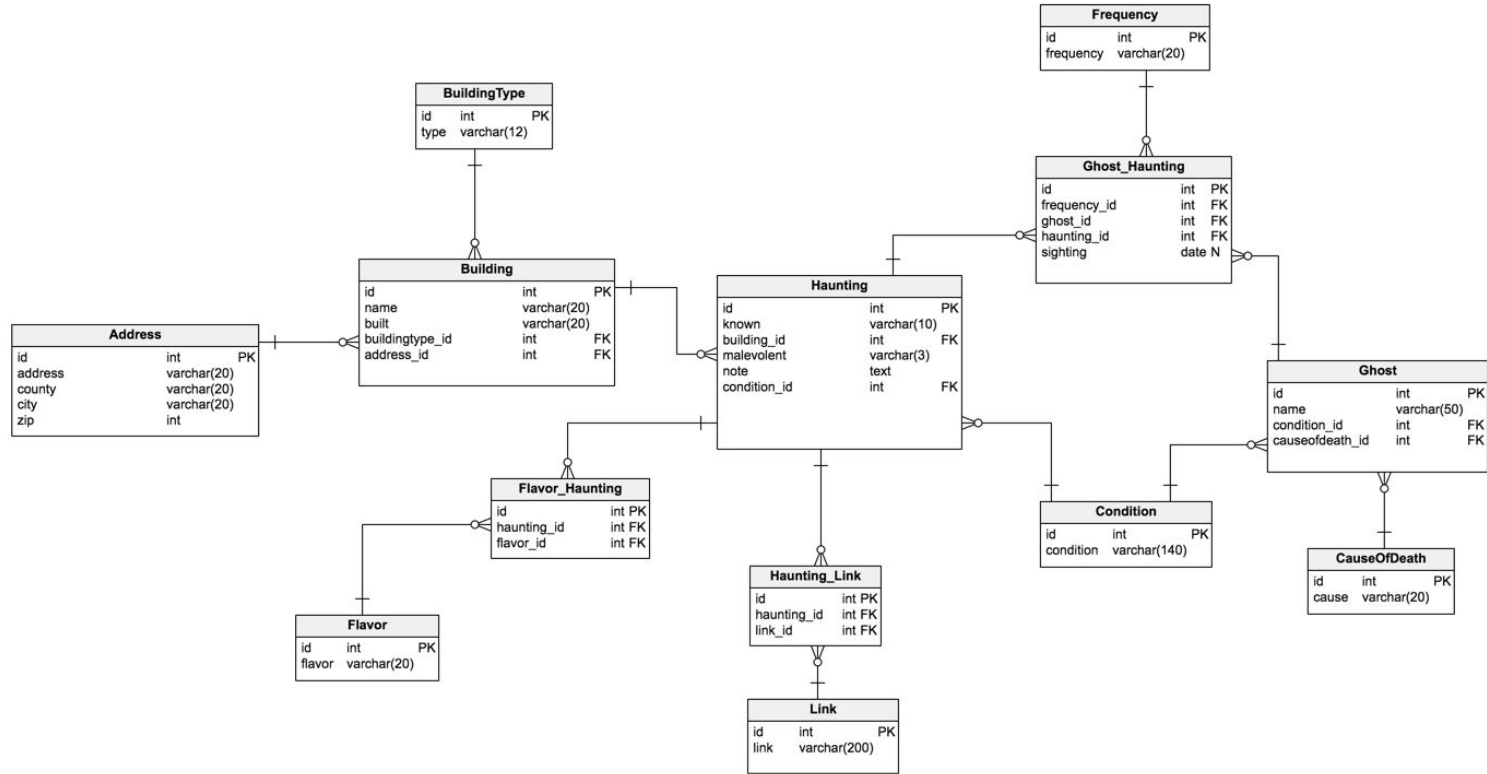Group leaders send me the actual name of your project:
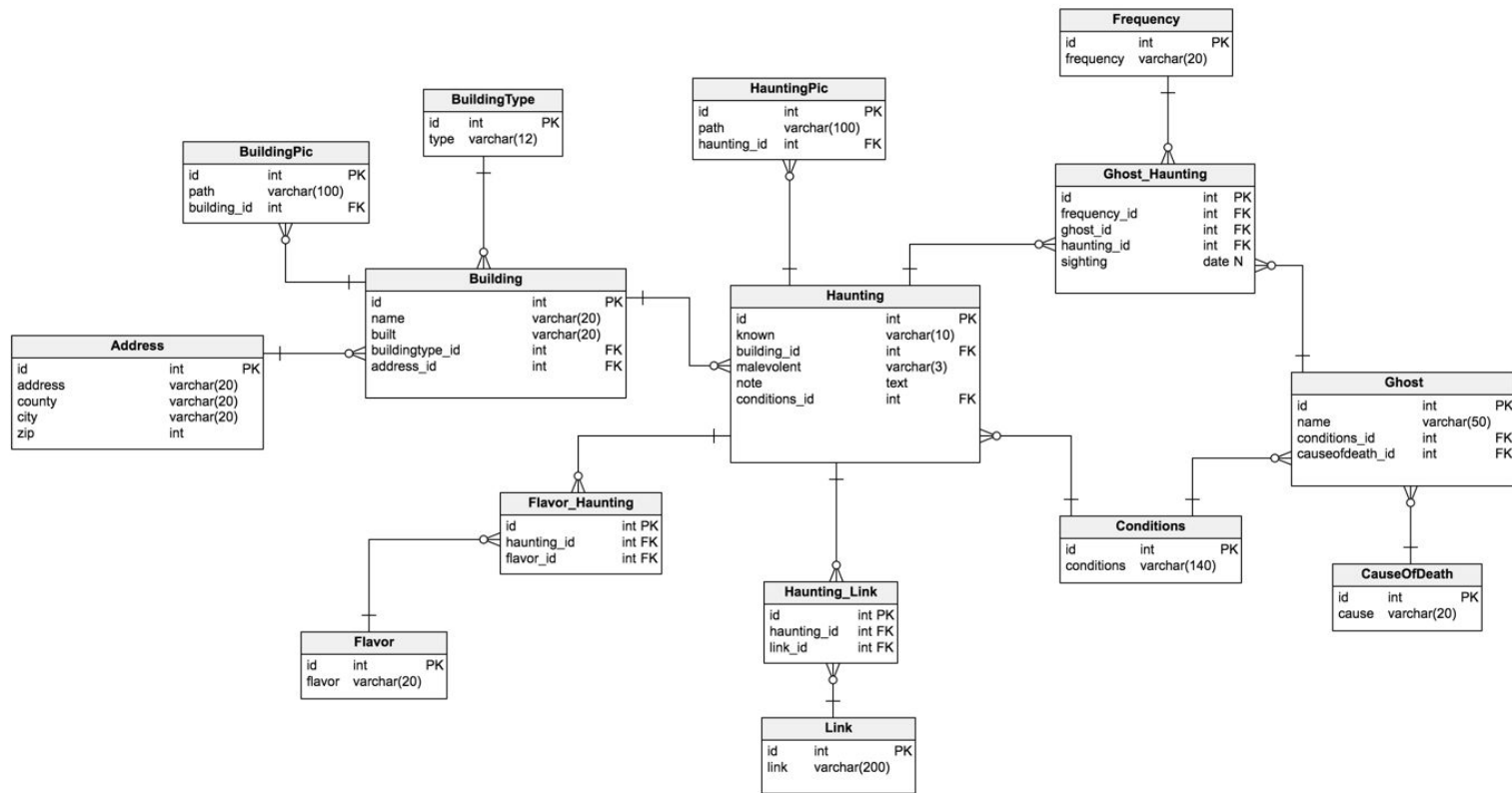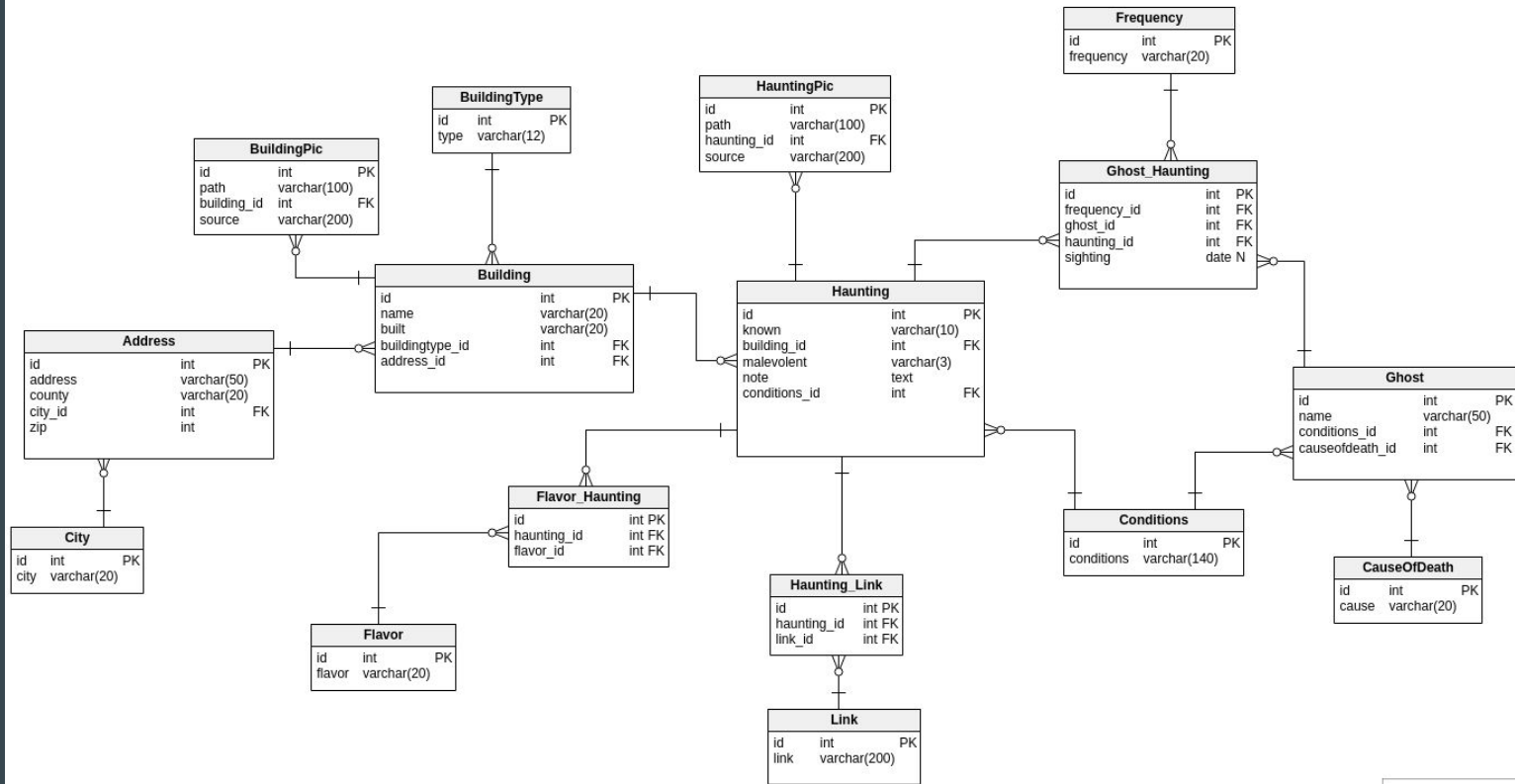
- 10 characters
- all lowercase

Original

Iteration 1

Iteration 2

Iteration 3

Final