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Project Proposal: Music Store Database

For this project, I plan to make a database for a music store in which my Software Systems and Analysis class is implementing a software system. This database will hold the inventory of the store, which will include music such as sheet music, CDs, and records, along with instruments such as brass, percussion, woodwinds, and etc. They will all be labeled with the item's number, name, price, and amount in stock. The user of the database will be able to edit the database information to keep up with the store's activity, such as by subtracting the amount of an item in stock if it was sold. This online system will allow the store to establish a more efficient business.

To make this database, I will first download MySQL and learn how to use it. I will then use outside resources, like the textbook and Internet, to understand database concepts and further my Java proficiency. I will connect it with Java and learn how to use commands such as add and remove, as well as the jquery library. Hopefully, I will then be able to make a simple database that will provide me with database background for my future in the computer science field.

I chose to do this type of project because it connected both my Software Systems and Analysis class with my Software Development class. Also, this project is very applicable with what I will potentially be doing later in life. Database is an important tool for most businesses and companies, and as a Computer Information Systems major I should attempt to master it. I

need to take Database for my major, and this will allow me to establish a strong background as I enter the class. Lastly, I really enjoy music, so it makes the project more personal and interesting.