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Music Shop Database Discussion

The database I created for the music shop scenario has a lot of features that could be useful to a music store owner. The database keeps track of employee's information and customer's information, as well information about instruments, services, lessons, rentals, and receptions. A music shop owner could work with a customer to schedule lessons that reoccur on certain days of the week at certain times, and assign employees to teach those lessons. Furthermore, one can easily keep track of instruments they are renting out, including their due date. Receptions with one or more artists can be assigned to a manager. Instrument services such as cleaning and repair can be assigned to different employees, and information about the instrument and customer will be kept track of. Instruments are divided into beginner and advanced instruments. Only beginner instruments can be rented. The instrument table contains a lot of information about different instruments, including their ID, their type, their date acquired, the price, and, potentially, the customer that purchased them. There is a lot of potential in this database for expansion and interesting queries, such as including more specific information about lessons. There are 8 built in queries in the database, including getting a list of employees who teach lessons, a list of current rentals that are out, the cheapest instruments of each type, the cheapest beginner instrument at a given time, and much more. There are also 3 nicely formatted reports of the queries for average price of each instrument type, getting a list of employees who teach lessons,

and a list of lessons by the day that they take place. Overall, this database is a powerful tool with a lot of potential to aid music store owners. It can be highly expanded upon and would no doubt be of great benefit to any up and coming music store owner.