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CSCI 3287 Project

Art Gallery Database and Website

Database Management systems will be utilized in storing information of a fictional art gallery. This information includes an artist name, year of creation, price, then customer names, their addresses, and price that they spent on the piece. It also includes year purchased. This project will use foreign and primary keys to represent relationships between the art piece and the customer. These art pieces will be based off of real art pieces that actually exist, but all stored into a fictional art gallery.

We used Mysql to store all the different data. First by creating a database named Art Gallery then by entering information in the form of tables. These tables consist of artist name, customer name, art data, and purchases. we will make the primary keys consist of the name of the piece of art, and art ID number.

The first process of this project was the creation of an ER Diagram. Next was the implementation of the database, and then the connecting of the database to a webpage.

Our goal for this project was to become familiar with how databases are linked with websites. This was done by first establishing a connection to MySQL from inside a PHP script. After it was connected, you could then run queries. Next we used the Google App Engine because it is easy to upload an application to it, and there are no servers to maintain. It was quite a learning experience, figuring out how to build and run applications through Google's infrastructure. But now we have a functioning website that hosts the database information. This is very useful because this is a highly desired skill to maintain and create online databases. All of the code used to launch the website and database can be found on github at this URL: https://github.com/ChristyNova/CSCI-3287-Project.