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CST 363

## Part 1: Project description

**1. Provide a summary of the scope of your project: brief description of the organization, information needs and questions that need to be addressed, and the purpose of your database system.**

Museum asset tracking database and schema.

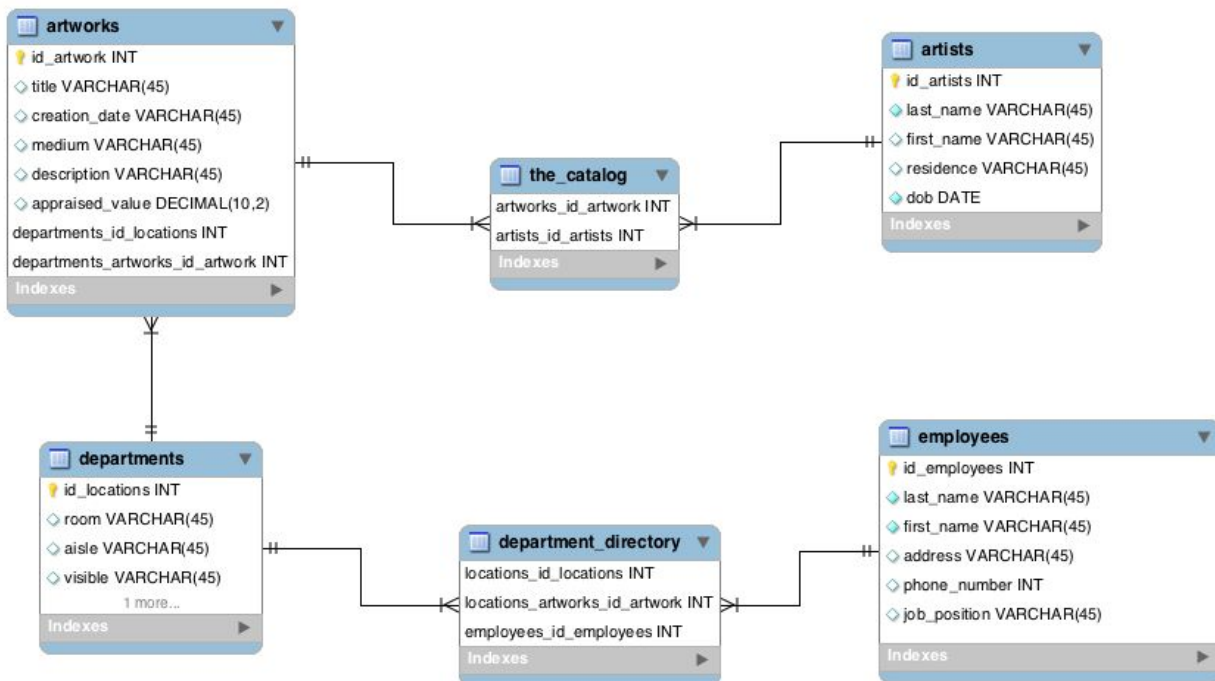
Organization description: An art museum wants to keep track of its onsite artworks. The artworks are spread out amongst galleries in various departments. Artworks are also being stored in an attached warehouse. To maintain and protect the artwork, the museum also wants to keep track of employee placement within departments.

The purpose of this database is to allow the museum to keep track of an artwork's location and allow lookup of artwork by its properties. This database also allows the museum to maintain what employees and artworks are present at a given department.

Questions to be addressed:

- What is the format of the system for placement and storage of art? (i.e. how to keep track of location in a gallery where placement may be odd)

## 2. Draw ER diagram.



**3. check the ER diagram for normal form. Modify the design to normalize it, or explain why it is better to keep an unnormalized design.**

The diagram is in normal form.