# CS374 – Intro to Database Management

# Database Project

# Rubric for Final Project

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| --- | --- | --- | --- |
| Name | Requirements | Points | Awarded |
| Database Design | * ER/UML diagram included * Database conforms to ER/UML diagram * Keys and Foreign Keys are defined appropriately * Database redundancies are eliminated or documented | 30 |  |
| Queries | * Queries execute correctly * Queries in English included * Queries satisfy the client requirements | 30 |  |
| Application | * Code found easily (This is a department assessment project) * Application works * Embedded SQL written as appropriate * Code well thought out, well commented * Application is well tested – that is, it is not easy to break | 40 |  |

ER-Diagram

Diagram

Description automatically generated with medium confidence

Code:

[GitHub](https://github.com/nkerber/PhoenixCreative) (If unavailable, Nate needs to make it public)

In terminal, “pip install -r requirements.txt”, without the quotes before running the python files.

Queries on page 2

Queries in English:

* Access all formulas
* Access all components
* Search formulas by
  + Name
  + ID (SysNum)
  + Notes
  + Color Component (Any paint mixture with color ######)
* Search components by
  + Description
  + ID (IntCode)
* Push new data to database
  + Formula
  + Components
  + Linking the above in an intermediate table/relation for solving \*…\* relationships