

# MILESTONE 3

**Team Name:** College Crusaders

**Members:** Joey Pucciarelli, Jim Jenkins, Taylor Jesse, Toshali Ghimire, Dale Pepper, Nolawee Mengist

**Github Repository Link:** <https://github.com/TaylorJesse/CSCI3308CollegeCrusaders>

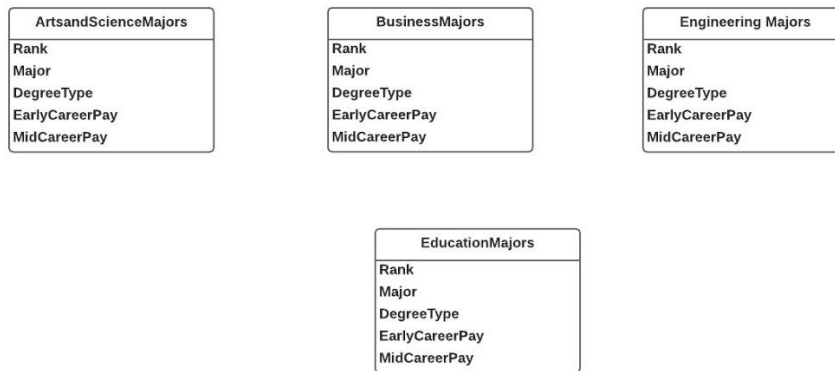
**Database:**

**Select your database tool(s). Create a database and populate it with at least 3 tables, 4 attributes, and 5 rows within each table.**

Below is an ER Diagram that visually represents each table in our database. Our team created our database using MySQL. Our database script will also be found on our GitHub page. Sources for our publicly available data include: Payscale Human Capital (<http://www.payscale.com/>).

## COLLEGE CRUSADERS DATABASE

Taylor Jesse | October 27, 2016



As shown in our ER diagram, our database consists of four exclusive tables, each with five attributes. Since relationships and keys were not required, we are initially keeping it simple and not including keys and relationships in our database. There may be changes/additions for future iterations. Our tables are listed as follows:

1. Table 1: ArtsandScienceMajors (Currently 222 rows)
  - a. This table is composed of all majors under the general Arts and Science colleges throughout the United States.
2. Table 2: BusinessMajors (Currently 54 rows)
  - a. This table is composed of all majors under the general Business schools in the United States.
3. Table 3: EngineeringMajors (Currently 45 rows)
  - a. This table is comprised of all common engineering majors in the United States.
4. Table 4: EducationMajors (Currently 14 rows)
  - a. This table relates all majors that come from the School of Education across the United States.

All five attributes are the same for each table and are as follows:

1. Rank: The overall rank of the major compared to other majors in the database (#1 is best).
2. Major: The name of the college major.
3. DegreeType: Type of degree (Bachelors, Masters, etc.).
4. EarlyPay: The average salary of that specific college major right after graduation.
5. MidPay: The average salary of said college major during the mid-career period of the graduate.