

Assignment 6-Database Design (3% of total grade)

Format: Upload the provided .xlsx file to Blackboard (under ASSESSMENTS & TOOLS > Assignments > Database).

BE SURE TO PUT YOUR NAME IN THE FILENAME:

e.g. DB-Assign_6-DatabaseDesign-YOURNAME.xlsx

Purpose: To practice database design skills by identifying required tables, columns, data types and keys.

Requirements: For this assignment, you will use the provided DB-Assign_6-DatabaseDesign-YOURNAME.xlsx file.

Part 1: Set the Table. (1%)

Imagine that you are tasked with setting up a simple database, What would be the 4 tables that you would need to get basic information that a sports team or hospital could use right away that would be helpful to the admin staff.

- A. Name four tables that would probably be primary tables (not bridging tables) for a **professional sports team** database.
- B. Name four tables that would probably be primary tables (not bridging tables) for a **hospital** database.

Part 2: Picking the Columns (1%)

- A. Name six columns and specific datatype that a ***cars*** table would probably have in a database for a used car website. Do not include IDs
- B. Name six columns specific datatype that a ***movies*** table would probably have in a database for a movie theatre. Do not include IDs

Part 3: Log the Blog Schema (1%)

Considering a database for a video games blog with multiple blog authors, identify 5 columns that would belong to the *authors* table, and 5 columns that would belong to the *posts* tables. Be sure to specify data types for each column, and identify primary or foreign keys.