Assignment 1-Data Design (5% of total grade)

Format: Upload a Word document (or pdf) to Blackboard (under ASSESSMENTS & TOOLS > Assignments).
BE SURE TO PUT YOUR NAME IN THE FILENAME:
e.g. DB-Assign1- *YourName*.docx

Purpose: To apply a data design mindset to various contextual challenges.

Requirements: For this assignment, answer the questions below in English, no coding is required.

Part 1: Who? What? Where? When? Why? How? (1.5%)
Considering a database for a restaurant, **write two questions** for each of the following groups that might be answered by the data stored in a database. The questions must be unique to their user group.

Restaurant Manager
    1.
    2.

Food Server (formerly known as 'waiter'/'waitress')
    1.
    2.

Customer
    1.
    2.

Part 2: Set the Tables (1.5%)
Considering a database for a public library, **identify three tables** that would be part of its database.

    1.
    2.
    3.

Part 3: Log the Blog (1.5%)

Considering a database for a video games blog with multiple blog authors, **identify fields (columns)** that would belong to the *authors* and *posts* tables (4 each).

Authors Table

1.
2.
3.
4.

Posts Table

1.
2.
3.
4.

BONUS: Putting it together (0.5%)

Which field from the Authors table would match up with a field in the Posts table?

Answer: