STUDENT ACTIVITY 1.2: UNDERSTAND RELATIONAL DATABASE CONCEPTS

MTA Course: Database Administration Fundamentals
Topic: Understand relational database concepts
File name: DBAdminFund_SA_1.2

Lesson Objective:

1.2: Understanding relational database concepts. *This objective may include but is not limited to:* understanding what a relational database is, the need for relational database management systems (RDBMS), and how relations are established.

Resources, software, and additional files needed for this lesson:

- None

Directions to the student:

1. Move from one numbered sign to the next each time the instructor says, "Move." At each stop, collect the prescribed data from each group member about the class he or she attends during the class period indicated on the numbered sign. Record the data on the worksheet. Request this data from each student at each stop:

   - The teacher

   - The time the class is held

   - The subject

   - The grade level

   - A course fee directly related to this class (this could be zero)

   - Something unique about this class (the student's grade, number of days the student is absent, etc.)

You will collect a total of 6 pieces of data at each stop. You will end up with 30 pieces of data for each student (5 stops x 6 pieces of data = 30 pieces of data). Keep this data for other lessons. You will use the collected data again.

Data Collection Table

Teacher	Hour	Subject	Grade level IE 200 level course/ Senior course	Fees for course	Something speical about this course - example "Star gazing 101 has labs that start at 10 pm"

Discuss the data among yourselves, and be ready to discuss the answers to these questions at the end of the class period:

- What does everyone have in common about this database review class?

- What does everyone have in common about the next class?