#### **Objectives**

1. Identify **Many-to-Many (M:M) relationships** in their ERD.
2. Resolve M:M relationships by **introducing an intersection entity.**
3. Redefine entity relationships using **One-to-Many (1:M) relationships**.

## **Activity:**

### ****1: Identify the Many-to-Many (M:M) Relationships****

### User account and Access Role

### Each User Account may be associated to one or more Access Role

### Each Access Role may have associated with one or more User Account

### ****2: Introduce an Intersection Entity****

### User account and Access Role

|  |  |
| --- | --- |
| Before:User AccountAccess Role | After:User AccountUser GroupGroup Role (Intersection)Access Role |

### ****3: Updated ERD and Relationships****

