Database Design
5-4: Understanding CRUD Requirements
Practice Activities

Objectives

- Create ER models that reflect all business rules gathered during the interview process

- Identify the create, retrieve, update, and delete (CRUD) requirements of the business

- Validate your ER model by performing a CRUD analysis

Vocabulary

Identify the vocabulary word for each definition below.

	One who gives expert or professional advice
	The practice of checking a data model for create, retrieve, update and delete functions that the business requires
	Used to perform calculations on data, modify individual data items, manipulate output for groups of rows, format dates and numbers for display, convert column datatypes.

Try It / Solve It

1. Identify the part of the CRUD analysis that best suits the task in the table.

   - Create
   - Retrieve
   - Update
   - Delete

Alter	
Bring up	
Change	
Discard	
Enter	
Find	
Import	
Input	
Load	
Look up	
Modify	
Print	
Purge	
Read	
Record	
Remove	
Report	
Trash	
View	

2. Relate CRUD analysis to a school enrollment environment. Consider the data or information used in a school and identify at least one example for each CRUD function.

   a. Create:

   b. Retrieve:

   c. Update:

   d. Delete: