



Diagram 2: Entity Relationship Diagram

This one illustrates how the database is structured - like how data is kept in notebooks!
We have three primary "notebooks" (entities):

CustomUser - holds information about each individual (username, email, password, what kind of user they are)

Invoice - stores information about each bill (when it was created, when it needs to be paid, if it's been paid)

InvoiceItem - stores information about each line item on the bill (description, amount, cost)

The arrows show how these notebooks are connected:

Multiple invoices can belong to one user (just like multiple assignments of homework can belong to one student)

Multiple items can belong to one invoice (just like multiple questions can belong to one assignment of homework)

The diagram also shows what data are stored in each "notebook" and how they're connected (such as how your teacher would use your student ID to track your assignments).