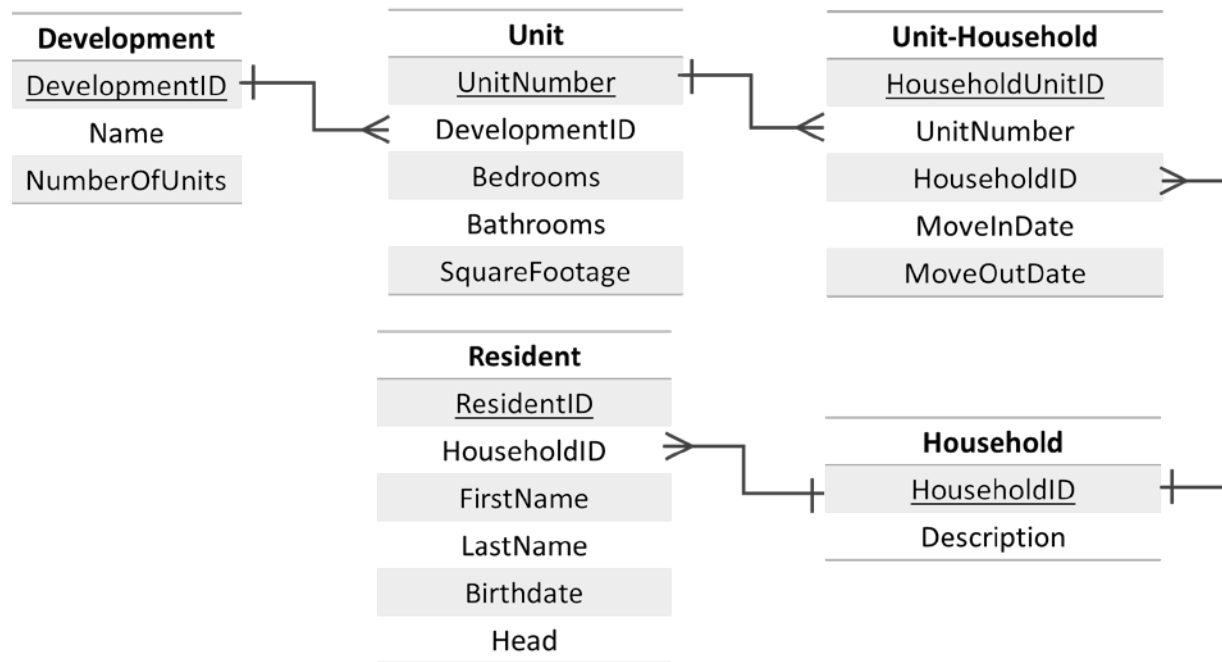


## In-class Exercise: Pen-and-Paper Query Exercise

Recall our Housing Authority schema from the last in-class exercise:



Assume the database schema is called hdb (for “housing database” – clever!). So, in a query, you’ll reference the Development table as hdb.Development.

In groups of three, create a single SQL query that answers each question below. Make sure you are only returning the information needed to answer the question (don’t just use SELECT \*).

1) Which housing units (by unit number) have more than two bathrooms?

2) What is the birthdate of the resident named Tom Haverford?

- 3) Is Donna Meagle the head of her household?
  
- 4) What are the names of all heads of household (list in ascending alphabetical order by last name)?  
***(HINT: The field "head" can take the value "Yes" or "No")***
  
- 5) How many units are larger than 2000 square feet?
  
- 6) What the least number of units in any development?
  
- 7) What is the average square footage of all units in the database?
  
- 8) What is the average square footage of units by number of bedrooms (in other words, write a query that computes the average square footage of one bedroom units, two bedroom units, etc.).