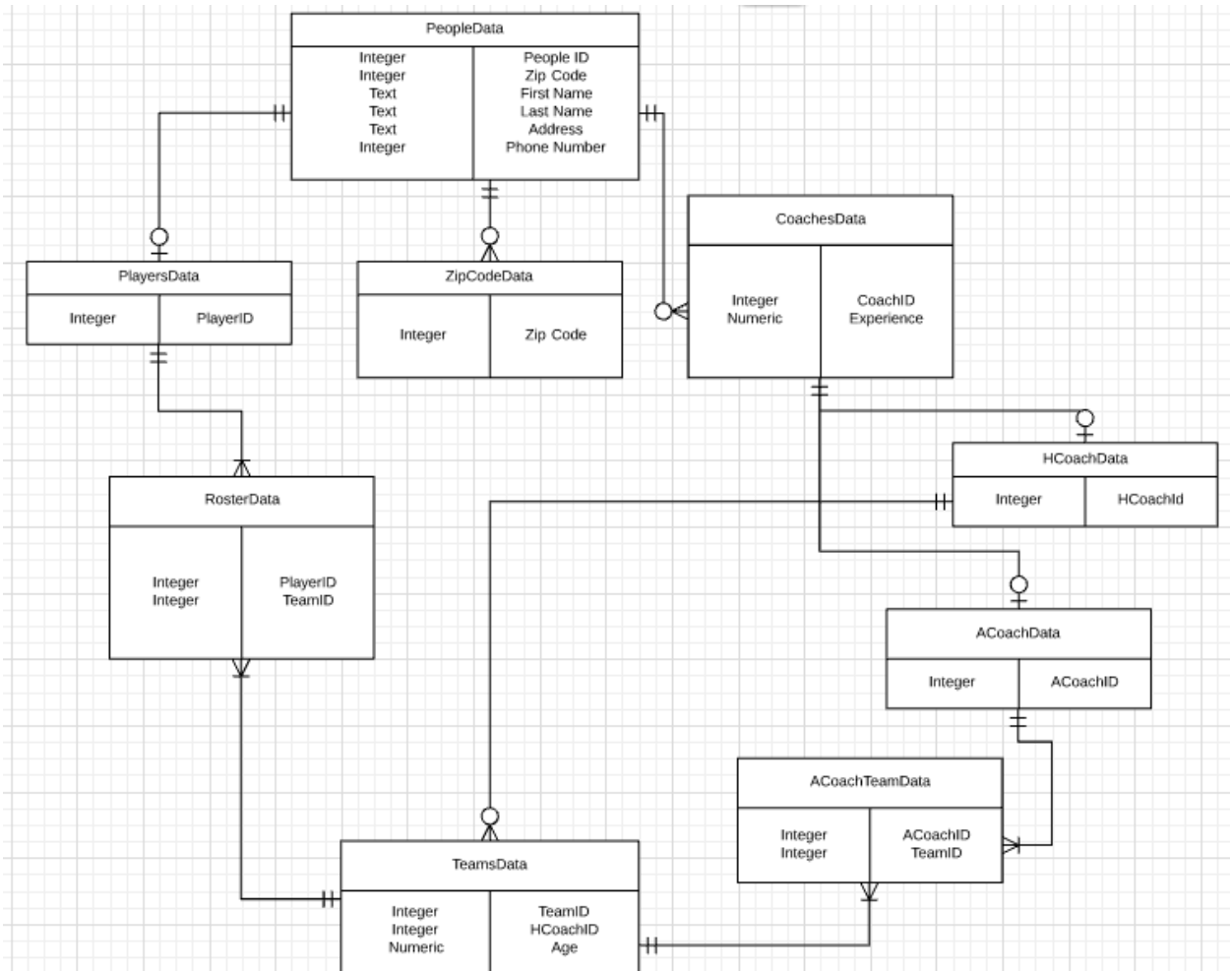


## Lab # 9- Normalization 3

### 1. Functional Dependencies

- PeopleID  $\rightarrow$  Zip Code, First Name, Last Name, Address, Phone Number
- PlayerID  $\rightarrow$  TeamID, HCoachID, Age
- TeamID  $\rightarrow$  HCoachID, ACoachID, Age
- ZipCode  $\rightarrow$  Zip Code
- CoachID  $\rightarrow$  Experience

### 2.



### 3. 3NF

This design is in third normal form because it is in first, second, and third normal form. This design stores data in the format of tables and rows (1NF). All of the columns on the right are dependent on the tables primary key (2NF). Lastly, there are no non- key elements that are more dependent on another non-key dependent (3NF).