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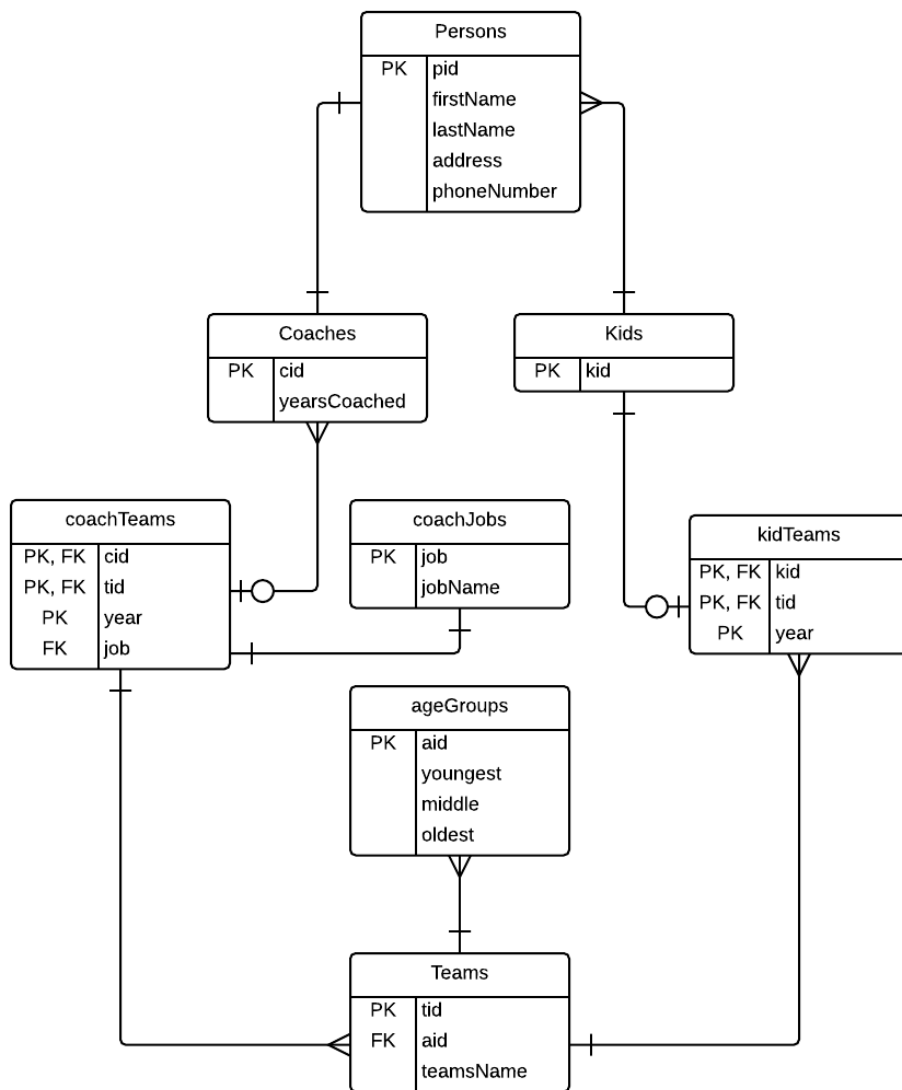
Alan Labouseur

CMPT 308

Lab 7: Normalization 3

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## ER Diagram



## Functional Dependencies

### **Persons:**

pid = firstName

pid = lastName

pid = address

pid = phoneNumber

### **Coaches:**

cid = yearsCoached

### **coachTeams:**

cid, tid, year = job

### **coachJobs:**

job = jobName

### **Teams:**

tid = aid

Tid = teamsName

### **ageGroups:**

aid = youngest

aid = middle

aid = oldest

## 3<sup>rd</sup> Normal Form

The reason that this database is in 3NF is because each attribute joins only one primary key. If the table has a composite key then the attributes have to define the whole key and nothing but the key.

