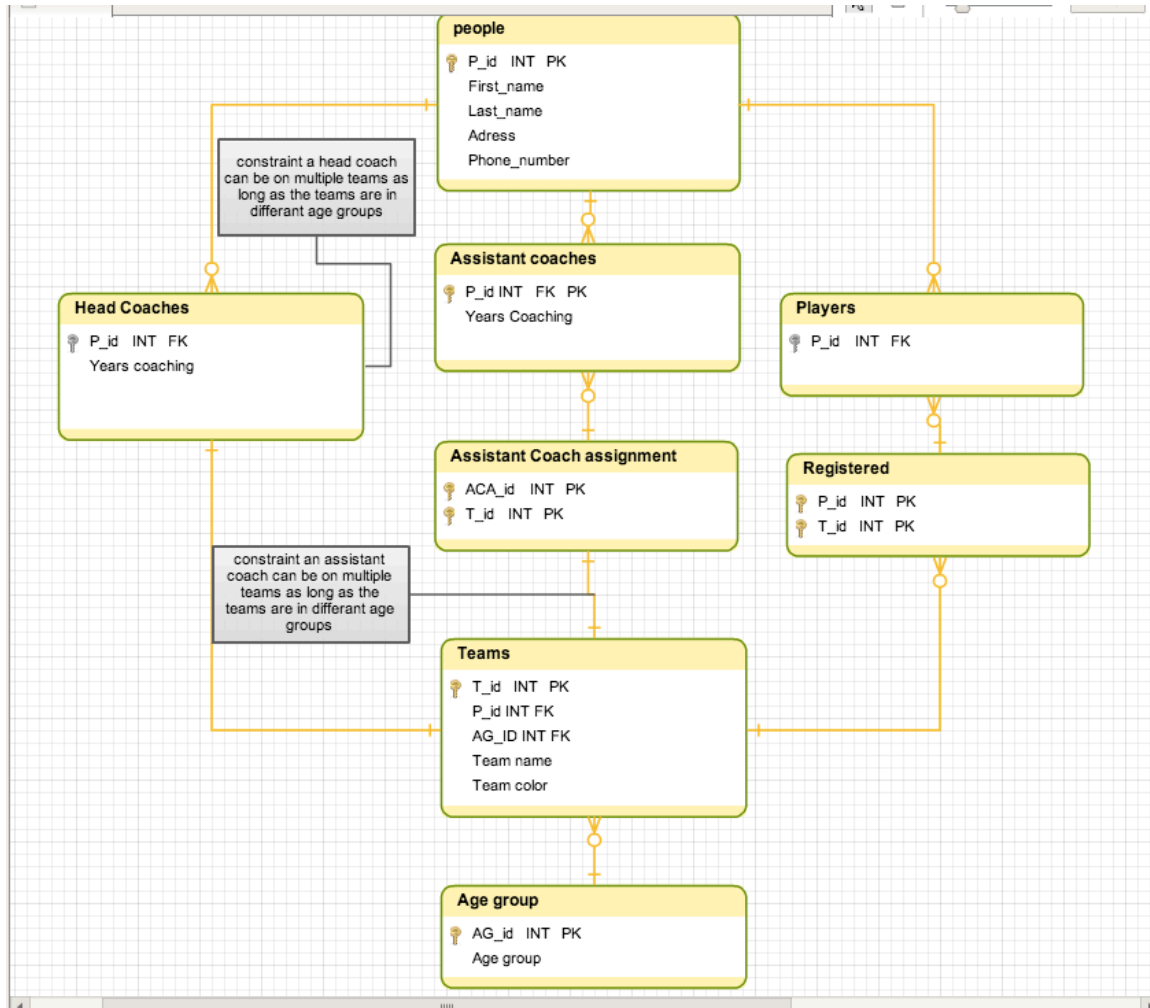


Brad Huntington
11/11/13
normalization hw 3



Functional dependencies

- 1) people
 - 1) First name last name address phone > P_id
- 2) head coaches
 - 2) Years coaching > P_id
- 3) assistant coaches
 - 3) Years coaching > P_id
- 4) Players
 - 4) P_id > P_id
- 5) teams
 - 5) Team color team name AG_id P_id > T_id
- 6) age group
 - 6) age group > AG_id

2) Prove that your database is in 3NF.

- There are no many to many relationships
 - All table data relies on its primary key or composite key
 - The table does not contain any transitive dependencies or derived attributes
- Therefore the database is 3NF

3) the view:

```
CREATE VIEW Age_group_10-14 AS  
SELECT DISTINCT  
team_name
```

```
FROM  
teams t, age_group a
```

```
where  
a.ag_id = '10 to 14'
```

```
AND
```

```
t.ag_id= a.ag_id
```