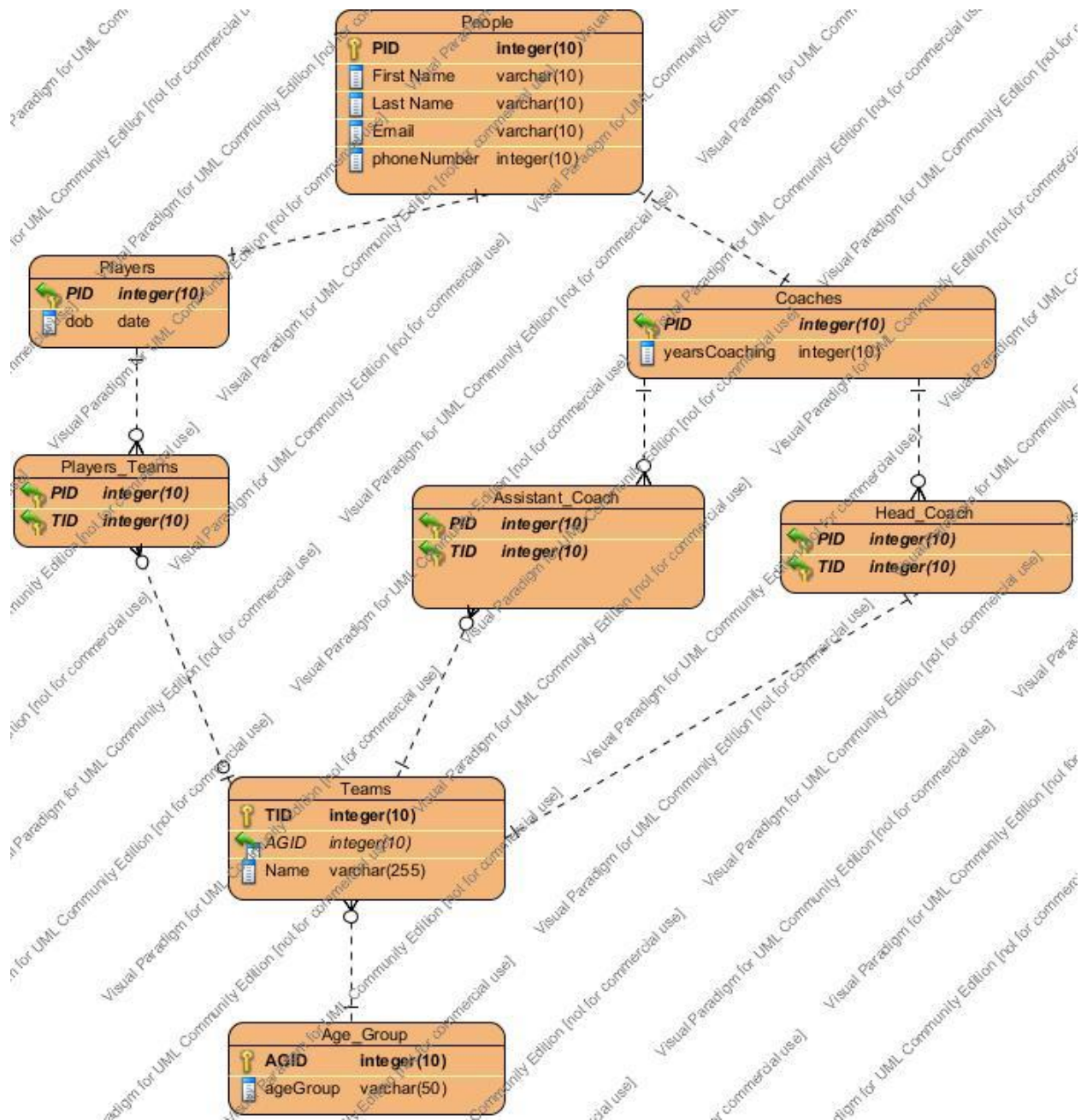


Steven O'Meara

Normalization #3

Professor Labouseur

11/12/13



Functional Dependencies

People: PID → FirstName, LastName, Email, phoneNumber

Coaches: PID → yearsCoaching

Players: PID → dob

Teams: TID → name

AGID →

Age_Group: AGID → agegroup

Head_Coach: (PID, TID) →

Assistant_Coach: (PID, TID) →

Players_Teams: (PID, TID) →

3rd normal form

My ER diagram is in third normal form because each non-key attribute depends on the key and nothing but the key. For example, in the Age_Group table the ageGroup attribute depends on nothing but AGID. There are also no repeating data fields and each table has a primary key.

View Displaying teams from the 10 – 14 age group

```
CREATE VIEW agetenfourteen
```

```
AS SELECT teams.name
```

```
FROM teams
```

```
Where ageGroup = 'tentofourteen';
```