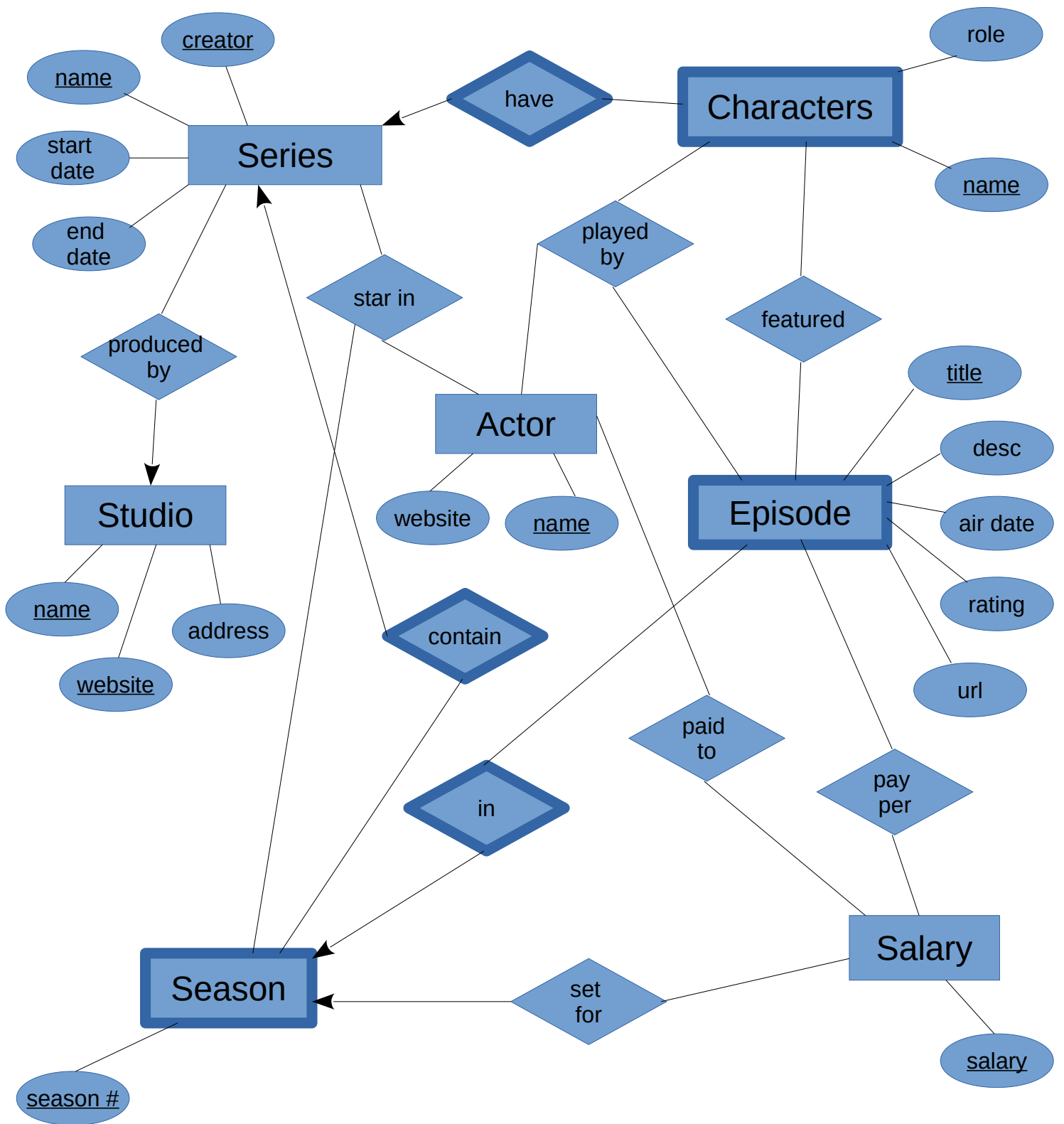


Pass One



Pass two

Pass One

The thick borders around the entities and relation(s) means they are weak

So *Episode* and *Characters* are weak entity sets because they depend on the *Series*.

One-to-many relationship from *Series* to *Characters* and *Episode*

One-to-many relationship between *Series* and *Studio* called produced by

Many-to-many relationship between *Series* and *Actor* called star in

Many-to-many relationship between *Episode* and *Characters* called featured

Many-to-many relationship between *Actor* and *Characters* called played by

Pass Two

The E/R for this part was a bit difficult to create, because I had to make some assumptions:

I assumed that a given *Series* contain *Season(s)*, and each of those *Season(s)* have episodes. In other words, episodes are in a *Season*. That is why I got rid of the direct-relationship between *Series* and *Episodes*.

In pass one, it was specified that we only needed to know what episode a season was in; that is why we had it as an attribute to *Episode*. However, in pass two, we had to keep track of *Salary* and the *Actors* that star in a *Series* varied per season. That is why I made *Season* a separate entity of its own.

Okay so the changes that I made to pass one E/R are:

One-to-many relationship from *Series* to *Characters* and *Season*

Many-to-many relationship between *Series*, *Season* and *Actor* called star in. Note: this is a three-way relationship. Someone may want to know which *Actor* stars in a *Series*, and in what *Season*.

Many-to-many relationship between *Actor*, *Episode* and *Characters* called played by. Note: this is a three-way relationship because we are asked to keep track of which *Actor(s)* plays which character(s) in which episode(s).

One-to-many relationship from *Season* to *Salary*, because a salary for an actor is set for the season. And there are many salaries for many actors set per season.

Lastly, I'm not sure if the relationship pay per between *Salary* and *Episode* is one-one, one-many, or many-many, because I don't know if a portion of the salary is paid per episode to the actor.