

EECS-3421

Project #1-A
E/R: Episodes

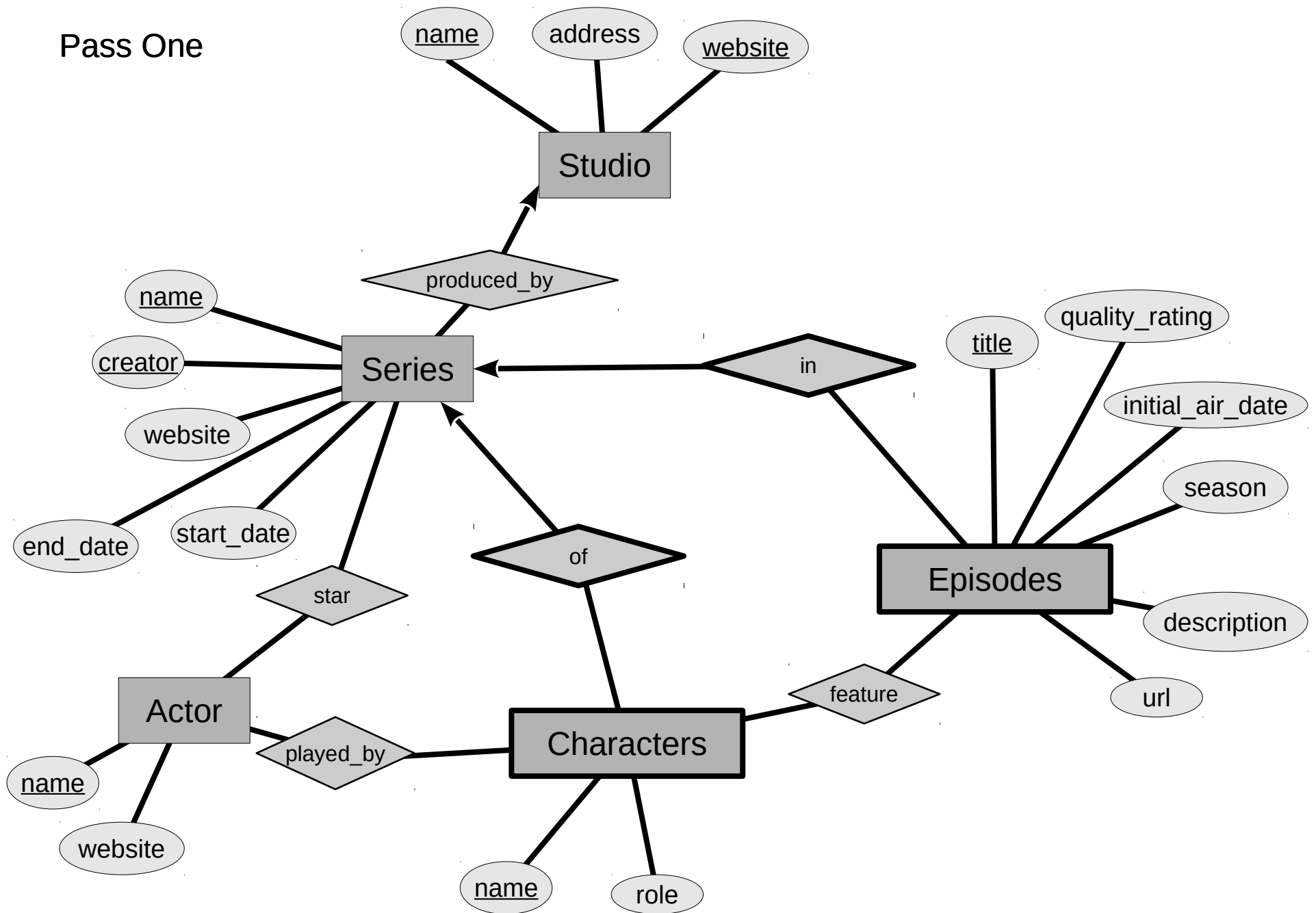
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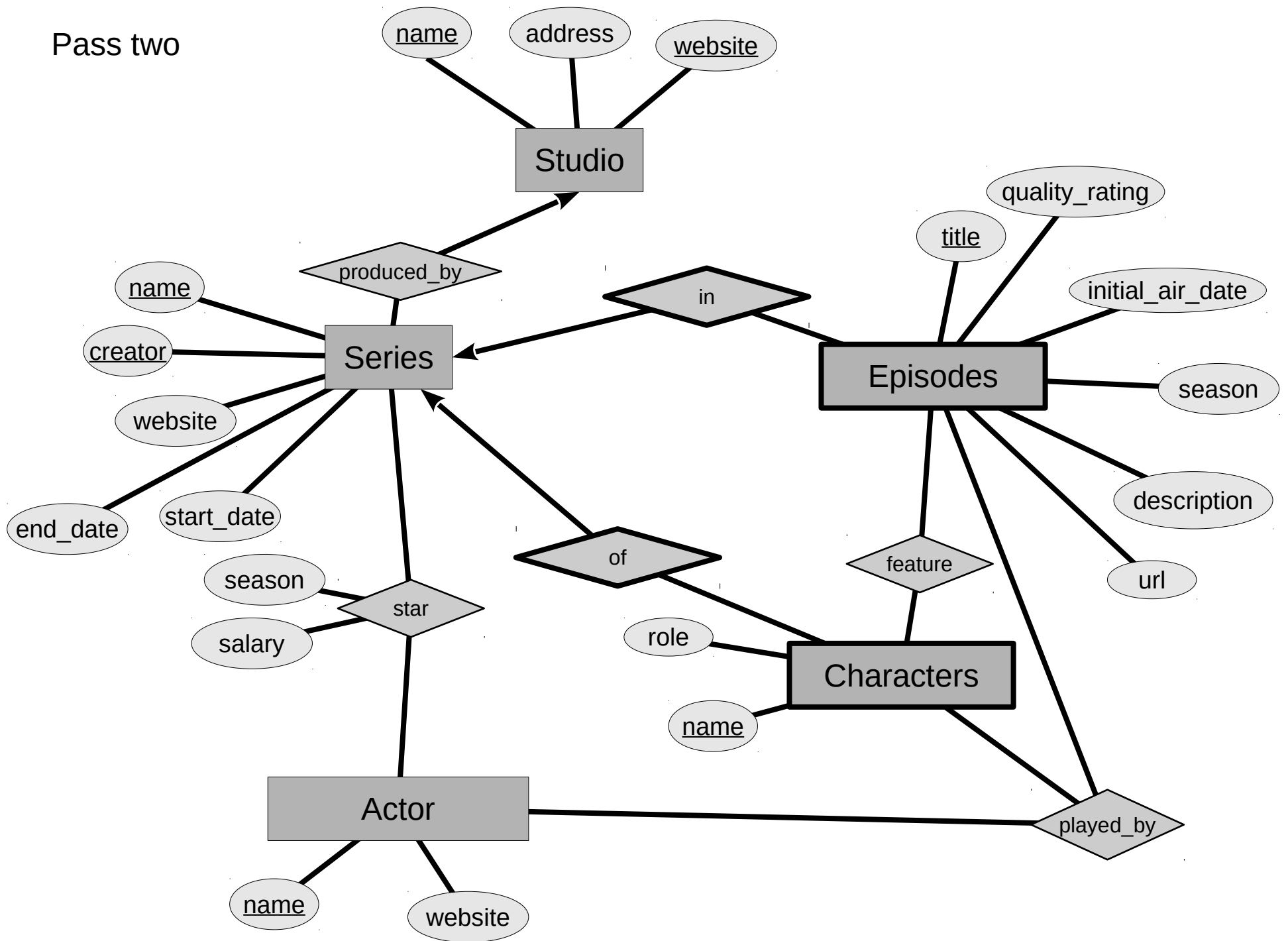
Pass One



Pass One Explanation

Pass one requires that a series is produced by a studio. A studio may produce many shows but the show, as per requirements is produced by one studio. To indicate this, a rounded arrow is used. Characters and episodes are both weak entities as neither of them exist outside of the scope of a series. Many characters can feature in many episodes and many actors can play many characters. The website for an actor may be null as not all actors have websites.

Pass two



Pass Two Explanation

Pass two's additional requirements are that an actor starring in a series has a salary based on the season, and this salary is renegotiated each season. This has been shown by adding a season attribute and a salary attribute to the starring relationship. As season is just a number, it does not need to be an entity on its own. Pass two also requires that the ER relationship show which character is played by which actor in an episode. As we already had the played_by relationship, it is sufficient to make this a three-way relationship. We can keep the featuring relationship as is because a character may be featured in an episode but an actor may play multiple roles which both need to be recorded.