# Pre Assessment – Learning Outcome 2

## Purpose:

To determine areas of the material that will be presented in learning outcome 2 (ERDs) that the class is already proficient with and areas that are a struggle. The class has been using ERDs for quite some time, but not designing them. This exercise will present a case for which an ERD will be designed.

## Case:

A movie studio produces films and the studio would like to track information related to the cast and crew so that the credit sequence for each film will be easy to generate. Each film is based on a script that is created by at least one writer and the writers are ranked on the script (for instance it is typical for the main writer to be listed first, followed by a co-writer, etc., so a rank of 1 for the main writer). A film has a cast of actors and a crew of professional crew members and each has a part or a job on the film.

## Task:

Create an ERD for the above case. This should be done on paper with a pencil and eraser. Beyond the keys, it is not necessary to come up with every attribute for the entities, but feel free to come up with a few.

## Discussion Questions:

* What was easy about creating the ERD for this exercise?
* What was a struggle?
* What concepts do you feel you already understand?
* What concepts do you feel you have some knowledge of but need additional reinforcement?
* What concepts are completely new?