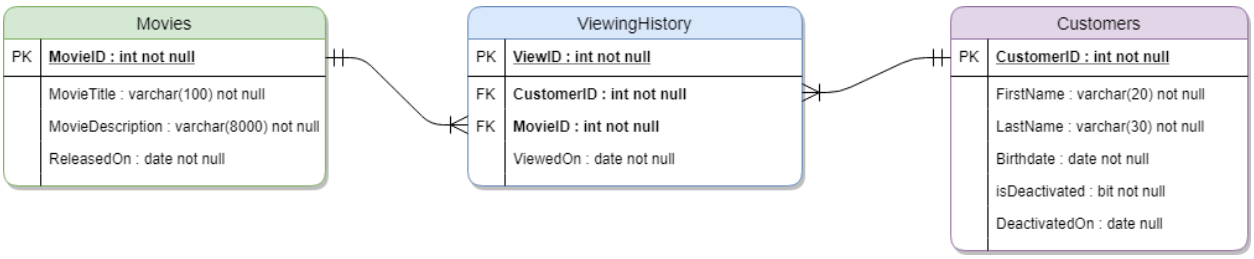
CSCI 3410 Lab 2 – Creating Tables via SQL

We will work on this in class on 3/6/19 and 3/8/19 and will be due 3/8/19 at 3pm. You will need to be able to test your scripts against a new database called "labs". You will each be given access to your own schemas which will be identical to your login names that were emailed to you on 3/6/19. For example if your login is JDOE1234, then your schema will be JDOE1234 and all of your tables will have the same prefix JDOE1234.Movies, JDOE1234.Customers, etc...

Instructions:

Using the ERD below, create a SQL script that creates all three tables and the following criteria:

1. All tables must be added to your schema and tested against the "labs" database (see example above)
2. All tables and columns must be spelt exactly as you see in the ERD
3. All data types must be exactly as you see in the ERD
4. Add the following constraints
    a. Default constraint on ViewingHistory.ViewedOn set to the scalar function GETDATE()
    b. Default constraint on Customers.isDeactivated set to the value 0 for false
    c. All columns get either NOT NULL or NULL based on what you see in the ERD so pay close attention to which one it is calling for
5. You may use inline primary key syntax or declare it as a constraint later in the CREATE TABLE statement. Do not use ALTER TABLE to add in primary keys, you must add PKs when the table is created.
6. You may use inline foreign key syntax or declare it as a constraint later in the CREATE TABLE statement. Using the ALTER TABLE statement to add in foreign keys are acceptable as well.
7. All Primary Keys must use IDENTITY(x,1) where x is the seed or starting value and x must be greater than or equal to zero
8. Your submission must be the SQL code you write and saved as a TXT, PDF, or DOCX file uploaded to D2L



Tips:

a. Remember to create the parent tables first before the child table since you will be referencing them when creating your foreign key constraints.
b. Use the examples given out on Monday when writing your CREATE TABLE statements