**CSC 341**

**Test 3B (Python & SQLAlchemy & Flask & WTForms)**

**5/12/2022**

**Movie Quotes**

**Your variable names should not be relevant to old apps (like planets, paintings, songs, poems, etc)**

I have supplied the following files

**app\_mq\_define.py** which defines the database (two tables Movie and Quote)

**app\_mq\_populate.py** which populates the database tables from a json file

**app\_mq\_routes.py** which currently has one route (movie\_form for inserting a new movie)

**forms\_mq.py** which currently defines the insert movie form

**movie\_form.html** which specifies a form for adding a movie

**movie\_form\_handler.html** which displays the movie information just entered

**movie\_quote.db** which is the database

**Movie.txt** and **MovieQuotes.txt** the data files used to populate the database

1. Add a comment with your name to app\_mq\_routes.py and forms\_mq.py
2. Add a route for displaying the movie quotes in a (jQuery) datatable (also add the required HTML files). If your table has light writing on a light background, then change the body's color and/or background-color in your css style file and use Ctrl+Shift+R to force a refresh of the style

Text

Description automatically generated

1. Add a route that has a form for deleting a movie **quote**. The choices for the drop-down select of quote texts should not be "hard-coded" but should come from the database. Your handler can either display the information for the deleted movie quote or display all the remaining quotes – your choice.
2. Add a route that displays the movies information in an api – just json displayed – no HTML not CSS.

Scatter chart

Description automatically generated with low confidence

On your routes with forms, it is ok to use

**if form.is\_submitted():** instead of **if form.validate\_on\_submit():**