*User: Trevor Yakimchuk from the previous two assignments.

Part 1:   Introduction
- Explain the purpose of the test and if required get consent from the user
- Brief explanation of how the system works - Individual features / tasks such as search, advanced search, lists, trailer and scatter plot

Part 2: Testing speed and accuracy
- For each test note both the time it took the user to complete the task and the number of errors made in the process.
* **Note**: look for a correlation between the time the user spends with the system and their speed and accuracy while using it. Hypothesis here is if the user continues to perform the same tasks repeatedly, then they will become faster at completing the tasks and with fewer errors.

Tasks
Navigation:
- First navigation to search slightly delayed (~2 minutes) as user got accustomed to the interface, clicked various buttons (tried to login to "see if it worked", clicked on a movie from the middle data grid view and was taken to its page)
- After reviewing the layout all navigation was almost instantaneous (~1 second)
- User commented on how "straight forward" the layout seems

In Search:
- Search for title "Jurassic Park III" was done quickly (~5 seconds)
    - User searched for "Jurassic" instead of the full title
    - User commented on the fact that it was "just like Google"
- Search for "genre" action was also very quick
- All searches afterwards were just as quick, with perhaps a marginal increase in speed with repetition, but it seems after a few searches that the limited factor for time was how long it took to type the search parameters
- Trailer was found quickly after having seen the window on previous searches, however the user was confused when it didn't work for every movie (not implemented for every movie)

In Advanced Search:
- Search for adventure movies from 1910-1930 was done with no errors. Took ~15 seconds, mainly just the time it took to fill out the filters
- User had one error in the search by genre, certification and rating. Selected the wrong certification and didn't notice – so the results were off. He realized the mistake after going back to the advanced search page and trying the search a second time (~1.5 minutes total).
- User commented on how the prototype "is like an ugly IMDB"
    - Aesthetics could use an upgrade
- The search for a movie based on a series of given filters actually had no errors
    - Took ~30 seconds

Notes for Searches:
- Time decreased with each continued query
- The real time difference was generally from the number of filters which needed to be filled out
- Not many errors encountered. Errors were generally input-related (select the wrong thing or typos)

In the Scatter Plot:
- Error in (1): User clicked "advance search" button instead of the single-filter search button to execute the query
    - Perhaps single search buttons are unnecessary / confusing?
    - Perhaps change the location of the advanced search or make its purpose more obvious (multi-filter query
- Error in (1): User got the wrong number of movies because they had unknowingly changed the "genre" filter before executing the advanced search. Would not have affected their results, but because they used advanced search instead of single-filter search, it incorrectly filtered their query by genre and year (~25 seconds total). Noticed the colour did not match
- User almost made the same mistake about clicking advanced search, but caught themselves before doing it (~10 seconds)
    - Again, perhaps the location of the advanced search button needs to be changed or simple remove the single-filter search buttons
- Error in (3) user hit enter early (before filling out all the filters). Got the wrong results but very quickly entered the rest of the filters and continued correctly (~1 minute total)

Notes for Scatter Plot:
- Again a marginal increase in speed with increased use of the scatter plot (repetition)
- Really need to implement the ability for the user to click on a point on the graph to see the title of the movie. The fact that it shows titles on >40 movies at a time was a "cheap fix" according to the user
- Track bar feature is "cool"

In List View:
- Slight error in (1): User clicked on the cell for "Second List" but nothing happened because it is using Cell Content Click event handlers instead of Cell Click event handlers. User thinks this is annoying (easy fix though). Otherwise done right away (~2 seconds + 5 for the error)
- No errors for (2), user commented "Oh that's really cool" when prompted to enter a list name
- For adding a movie, user took some time reading the on-screen instructions to learn how to do it. Did it with no errors after reading (~45 seconds)
- Removing the list was the same as adding an item. Read over the instructions and did it quickly. Commented on it being good that there is a warning that comes up asking if you're sure you want to delete it
- User double clicked the movie to see the information about it for (5). Commented on that being "really handy"

Notes for List View:
- User played around with drag and drop for some time. They commented that that was a "really cool

feature"

- User was disappointed that the social media features were not fully implemented, because they would really like to try them

Other:

1) No errors, done quickly (~20 seconds)

    - Really likes that it personalizes certain aspects of the program when you log in

2) Error where the program actually didn't work

    - Was not validating new account input correctly. It was checking if the length of the desired password was less than 8 instead of greater than 8 characters (Fixed this very quickly and continued)

3) No errors, done instantly (~5 seconds to type the account information)

4) Found it quickly (~5 seconds). User commented that it was good that the help was in the top right corner, but that overall it looked a "little outdated".

Part 3: Other Evaluation

What the user likes:

- Scatter plot was really cool

- Searching was pretty easy, straight forward

- Liked how all the functions were always in the same easy to find places (referring to the buttons at the top of the pages)

- Likes the personalized features upon logging in. Especially the "social media comments" on the homepage

- Likes the homepage feature in general

- Says the list drag and drop feature was "pretty cool and actually kind of fun"

What the user dislikes:

- Not being able to click the scatter plot points to see the title if there are over 40 movies on the graph

- Having to click the words themselves in the list page data grid view cells, opposed to just clicking anywhere on the cell

- Wants trailers to work for every movie (they will! Just not in this prototype)

Overall Thoughts:

- Overall it was cool and not very hard to use

- Kind of generally seems beaten by IMDB

- Favourite things were the simplicity, social media aspects and how everything "seems consistent"