**Testing and Evidence Log**

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| Before getting into the programming, I had to do some planning and set up some project management tools. Shown to the right is a screenshot of my trello board, which will help me keep track of this program and my progress on it. The planning I have done is in the Planning document. |  |
| Here is the testing plan I set up for the first section of the program that I want to get working. For now, I will just code it so that the program prints to the shell so I know that it is rating. This will not be in the final program, but I need a way to tell the rating of the movie before I set up the search option. | Test plan for setting up the rating frame:   * Press no rating   + The program should print no rating into the shell * Press rating 1   + The program should print rating 1 into the shell * Press rating 2   + The program should print rating 2 into the shell * Press rating 3   + The program should print rating 3 into the shell * Press rating 4   + The program should print rating 4 into the shell * Press rating 5   + The program should print rating 5 into the shell |
| In version one of my program, I set up the variables and the tkinter for just the rating frame. For testing purposes, I coded it so that the rating that the user chooses out of the radio buttons will print to the shell. However, a few problems presented themselves. First, regardless of what button is pressed the program will only output “No Rating”. Secondly, the layout of the radio buttons is not in line. The No Rating button is not aligned with the others, and it is confusing to look at.  I will fix these problems in version two. |  |
| In version two, I got the radio buttons to work as expected, and fixed some issues with the alignment in the layout.  The first problem was that pressing different radio buttons did not change the variable they were assigned to. This was because they were assigned to a regular variable, and not a StringVar. This was simple fix, I changed self.rating to a StringVar and when I printed it in the printrate command, I put .get() at the end of it so it would actually print out the value I wanted.  The second problem was that the layout of the program was confusing. I fixed this by adding padding to the radio button frame and the “Your Rating:” label, and aligning that label to the north and the radio buttons to the west. |  |
| To check that everything was working before I moved onto the next component of the program, I went through the small testing plan I created (two log entries ago). The video for this is in the videos folder, entitled “TESTING 1 – RADIO BUTTONS”.  With the testing done, I had finished the first programming component of the program. I could now get to work on the next one. |  |
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