

| Step ID   | Step Description  | Date       | Test Type                       | Expected Results   |
|---|---|------------|---------------------------------|--|
| FEATURE 1: EDIT RATING                          |   |            |                                 |  |
| TEST #1   | Tests for accurate movie name input and if input is empty   | 14/07/2022 | For loop + nested if statements | If movie name is spelt wrong/typed in the wrong case/isnt in the list, program should alert user   |
| TEST #2   | Tests for correct value type for input (rating)   | 14/07/2022 | Try/Except                      | Once a correct movie name has been entered, program will prompt for the updated rating. If rating is empty or not an integer, program should prompt value error or invalid input |
| FEATURE 2: ADDING A MOVIE                       |   |            |                                 |  |
| TEST #1   | Test for empty input when asked for the name of the movie the user is adding.                     | 14/07/22   | Try/Except                      | If the user does not add input when asked for the movie name/returns an empty movie name, the program will return a comment alerting the user of the invalid input type.         |
| TEST #2   | Test for correct input type (int only) when asked for the rating of the movie the user is adding. | 14/07/22   | Try/Except                      | If the user tries to add anything but a number for the rating of the movie, the will be alerted that this is an invalid input and that the entry will not be added.              |
| FEATURE 3: RENTING A MOVIE                      |   |            |                                 |  |
| TEST #1   | Tests to see if user entered a movie name.  | 14/07/2022 | Try/Except                      | Because this function needs to search the list for a movie, empty entries are not allowed. The program should tell the user that this is an invalid entry.                       |
| TEST #2   | ValueError test for rental length.  | 14/07/2022 | Try/Except                      | Rental request (length in days) from user needs to be a numerical number. If the user enters anything else, program should return a value error + a message.                     |
| TEST #3   | Tests to see if user requests to loan movie for an acceptable amount of time.                     | 14/07/2022 | Try/except                      | Maximum rental period is 19 days. If the user requests to loan the movie for longer, they should be told this exceeds the maximum rental period.                                 |
| RETEST TEST#3                                   | Tests to see if user requests to loan movie for an acceptable amount of time.                     | 14/07/2022 | Try/except                      | Maximum rental period is 19 days. If the user requests to loan the movie for longer, they should be told this exceeds the maximum rental period.                                 |
| TERMINAL APPLICATION DOWNLOAD/INSTALLATION TEST |   |            |                                 |  |
| APP TEST  | GIT CLONE/APP TEST  | 16/07/2022 | git clone + execute command     | i expect to be able to create directory, git init, git clone, cd cloned folder, bash script to execute   |
|   | Help file test  | 16/07/2022 | run program                     | should prompt to print help file. if "y" print helpfile. if "n" dont print"  |

| Actual Results   | Pass/Fail                                 | Additional Notes   |
|--|---|--|
|  |   |  |
| Program performs as expected. If the user misspells, ignores case sensitivity or enters empty input, program alerts them to it   | Pass                                      |  |
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| ADDING A MOVIE   |   |  |
| If the user enters an "empty" input, the program alerts the user that this is an invalid option and the entry will not be added. Program also alerts user that they will be returned to the main menu. | Pass                                      | (TEST 1) The program does alert the user that it is invalid and will not be added. NOTE: The program does still try to accept a rating for that entry even after telling the user it will not be added.  |
| Program tells user this entry is invalid and will not be counted. Program also alerts user that they will be returned to the main menu.  | Pass                                      | (TEST 2)Program catches invalid inputs (anything that is not a numerical number and prompts the user accordingly. Similar to the previous entry, the user is told the entry will not be added and they will be returned to the main menu to try again.   |
| RENTING A MOVIE  |   |  |
| Program informs user empty entries are invalid entries.  | Pass. Secondary test needs implementation | (TEST 1)While empty entries are caught correctly, users can enter any string they want and the program will tell them they can loan it. This is an additional error not thought of in original test criteria. Program should be testing to see if input matches the current movie list, if it doesn't, that should also be caught. |
| Program returns ValueError correctly and informs user that input must be an integer.   | Pass                                      |  |
| Program tells user they have exceeded maximum rental time but also tells them it is loaned to them for whatever integer they entered.  | Fail                                      | (TEST 3) Working to fix this issue now. Failed test will still be included in test history after it is solved.   |
| Program tells user they have exceeded maximum rental allowance and can not borrow it for that amount of time.  | Pass                                      | (RETEST OF TEST 3) Issue resolved. Any rental that exceeds 19 days is disallowed.  |
| TERMINAL APPLICATION DOWNLOAD/INSTALL  |   |  |
| create directory = success, git init = success, git clone = success, cd cloned folder = success, bash script executes program correctly = success  | Pass                                      | (TEST 1) Successfully downloaded from my repository. command to execute script = "src/run_movie.sh"  |
| works as expected  | Pass                                      |  |