

Project Name: Movie Recommendation System

Team# 9

Test Stage: Unit

Test Date: 12-02-2025

Test Case ID#: RF_T4

Name(s) of Testers: David

Test Description: “Stress testing” of file writing and review creation with 100 reviews and properly formed my_ratings.txt, and Reviews for rated movies and unrated movies. Testing adding a review for every movie in movies.txt.

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Test code is within testing directory inside RatingFunctionalityTest.java.
testLoadMovies(), createReviewObject(), and testUpdateReviews() are being used.

Automated: no

Results: Pass

Preconditions for Test: Files must exist and be accessible in /data directory in CSV format.

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1	Load movies into system	movies.txt	Movies loaded into system	Movies loaded into system	Done since creating reviews is dependent on MovieDB
2	Create Reviews and store in ArrayList	my_ratings.txt	Review objects are created and stored inside ArrayList	Review objects are created and stored inside ArrayList	ArrayList should contain 100 reviews (1 for each movie)
3	Call testUpdateReview(reviews)	fw_t4 ArrayList of reviews	9 lines are updated while 91 lines are added	Appropriate lines are added, and 91 lines added	

Post condition(s) for Test: my_ratings.txt reflects updated and new line changes appropriately.

