

**Project Name: Movie Recommendation System****Team# 9****Test Stage:** Unit**Test Case ID#:** RF\_T4

**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.

Automated: no**Test Date:** 12-02-2025**Name(s) of Testers:** David

**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.

**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.

