

**Project Name: Movie Recommendation System****Team# 9****Test Stage:** Unit**Test Date:** 12-02-2025**Test Case ID#:** RF\_T1**Name(s) of Testers:** David

**Test Description:** Testing file writing and rating functionality with well formed and accessible my\_ratings.txt. And Reviews for unrated movies (Reviews for these movies do not exist inside my\_ratings.txt)

**Automated:** no

**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

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

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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	
3	Call testUpdateReview(reviews)	fw_t1 ArrayList of reviews	3 new lines are added to my_ratings.txt corresponding to the reviews created	3 new lines are added to my_ratings.txt corresponding to the reviews created	

**Post condition(s) for Test:** my\_ratings.txt contains new lines containing the new reviews stored inside the ArrayList

