

# Movierama Test Plan

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## 1. Additions to the Automated Scripts for more wide coverage

- MovieRamaJUnitTestSuite: The TestSuite including the following Test Cases:
  - TC01:
    - change the items/page and verify that the total number of movies is always the same, otherwise the test fails (steps 4,5,6) (**Done**)
    - Navigate fwd /backward with the “next”/“previous” (step 9) (**Done**)
    - Encode step 10 it has to do with page number 999 (**Done**)
    - Encode step 11, it has to do with page xxx (**Done**)
    - Verify that the number of authors is up to 5 (step 2) (**ongoing**)
  - TC02:
    - Additional test for illegal characters “@#\$\$%^%” has been added (step 19) (**Done**)
    - change the items/page in order to confirm that the number of matches does not change (TC02 step 7) (**Done**)
  - TC02a (New)
    - Search for all tiles against “Tom” on all pages for any combination of the number of items/page, in order to confirm they match the results (TC02 steps 5-9) (**Done**)
    - Search for all tiles against “Tom Jerry” on all pages for any combination of the number of items/page, in order to confirm they match the results (TC02 step 27) (**Done**)

## 2. Overall Question

How often may change the movies played this week?

Whatever assertion is done against the total number of movies is prone to error because data is retrieved dynamically.

## 3. Improvements under consideration

- In MovieRamaUtilities: Another more optimized way should be considered for implementation to count the response time, cancelling any time imposed by the client. Take into account that there are many tools on the market for doing so, e.g. HP LoadRunner
- The absolute Xpath expressions used in various points of the project should be replaced by relative ones for better maintenance of the code in the future, as well as for better readability

## 4. Installation Instructions

- Setup ECLIPSE ide with Java 7.
- Create a folder c:>temp
- Download locally the “**MovieRama2.zip**” file accessible on:  
“<https://drive.google.com/file/d/0B3JHMQ6nmI5AcDAzdE42UWFRZGc/view?usp=sharing>” google drive folder.
- In order to run the scripts as Unit Tests, in ECLIPSE do the following: to import the “MovieRama” project: “File > Import > General > Existing Projects into workspace” and select the “**MovieRama2.zip**” file.
- After successfully importing the project, run the *MovieRamaJUnitTestSuite*.