# Software Review Plan

## Completed Client Requirements

* Basic WCAG compliance.
* Search movies by title and genre.
* Search movies by genre, rating, and year.
* Display Top 10 searched films.
* Sign-up page.
* Admin log-in page.
* Admin user display.
* Admin user deletion.
* Admin newsflash send.
* Automated Newsletter sends.
* Responsive Pages
* Login page has password protection with a minimum level of complexity.
* Login for different user groups.
* Top ten ratings chart.
* Option for users to leave a rating on a movie.
* New database analytics for movie search count.
* Web page analytics.
* Basic website functionality to render site through webhost and connect to DB.

## Ease of use

* Can navigate entire website in 3 clicks.
* Easy menu traversal.
* Easy to view ratings and top rated movies by users.

## Design

* Cool colour palette.
* Drop down menu with highlighted options.
* Options in menu are simple and make sense.
* As per WCAG guidelines, the site functionality is made accessible using a screen reader and no-click keyboard navigation using space/tab/enter.

## Meeting the Criteria

This website is good to use as it meets all the necessary criteria outlined above. By structuring the website in its current iteration, the navigation of the website is clear, straightforward, and easy. It provides a pleasant experience for its users with its simple application of its required functionality where every task that can be performed, does so with fast results.

With the website’s functionality, it performs all expected tasks and displays the outputs in a nice overview, such as the movie list output in tables. The searches are quite fast as well as the graph generator. The log in page has a minimum level of complexity which is much more secure than having a password with no complexity. Behind the log in page, the admin page allows the simple administrative tasks and data access that would be required by an admin. There are different log ins for staff and admin which means that the staff can only access the functionalities that are required by them. Only the admin has the full access to all the functionalities such as sending alerts and deleting users.

Website ease-of-use is important to consider when designing a webpage. As such, this site has a simple menu design that allows its users to swap from page to page at any point in its use. It takes only one click to swap from a search to the sign-up page for example.

The design of the website was initially for a function first website, but the colour palette was changed from its original to one that is easier to view and looks more appealing. The drop-down menu highlights the selected option to make it more clear and have been worded simply for an easy understanding of each options purpose.

We consulted the W3 WCAG in order to make our site more accessible for people who may have vision impairments etc. Since our website was designed with simplicity and ease of use originally, we just had to make it more compliant with screen readers for all non-text elements. We also made adjustments to labels, error messages and instructions to make it easier to understand how to use when relying on screen readers. Also the site can be navigated without clicking, using tabs, spaces and the enter key.

Regarding the entire website, the design, functionality, and implementation of its pages provides a software system that is good to use.

## Software Quality Assurance

The way we conducted the testing of our software is detailed specifically in Testing Plan Documents for each sprint. The following pages will include a copy of the testing plan our team has prepared for the first sprint.

Our testing and quality assurance practices were closely followed of those specified by CITE Managed Services. Our team has prepared our testing plan document to ensure quality control and quality assurance practices of CITE.

The criteria detailed in this testing report were applied to all subsequent testing plans for each sprint.

* On the most fundamental level, all existing components of the application must be functional, which in the case of this project, are:

- The basic searching operations using the movie database are available and working.

- GUI and elements are fully legible

* Any bugs and issues must be identified and reported so that they can be fixed during the following sprint.
* ACME ltd. Development Requirements are satisfied:
* Client is satisfied with the delivered test results and application and signs off on it.
* Code quality is managed with constant use of a code formatting tool like php-cs-fixer, and team members will review and refactor code as necessary for improvements.
* We have tried to apply proper commenting in our code to explain more complex logic so that it is easier for future maintenance. In addition, our documentation explains our development process in terms of who did what and why, which makes understanding and tracking the code easier.