# Software Testing Plan

## Introduction

This document is created to assist in the software development testing plan for creating a Movie Database for Acme Entertainment Pty Ltd.

## Acronyms

List any terms used in the testing plane

| ACRONYM | DEFINITION |
| --- | --- |
|  |  |
|  |  |

## Scope

### In Scope

The below describes the features, functional and/or non-functional requirements of the Movie Database software that will be tested.

The movie database must have four available search fields which is Title, Genre, Ratings, and Year of movie. All fields must be clearly labelled to know which field you are searching on.

The Movie Database has a subscribe option that allows you to input your full name and email address with correct checking.

The Movie Database has an Unsubscribe option that allows you to enter email address to unsubscribe.

When the database display data according to the search result. It must always display eleven columns of different type of data of a specific movie. The eleven types of data for the specific movie is ID, Title, Studio, Status, Sound, Versions, Rating, Year, Genre and Aspect. However if there are no search results found, then the data will not show up.

The size of the Movie database page must scale depending on how big or small the page is, so that it is always the right size when in use by the user. This test must be done on three devices.

Devices that can rotate its screen, must be able to keep a professional format and preserve all the data that was on the screen before the device rotated its screen.

Website must work on google chrome browser, Internet Explorer and Firefox.

The Movie Database requires a sign-up button. This button redirect the user to the sign up page, where the user can enter their email address and full name in the correct format explain in the Testing Report Header of this testing plan.

There are two buttons which can be selected for the user to receive monthly newsletters and/or breaking newsflash.

There is also a submit button, where all this information will be inputted into a database.

The movie database requires an unsubscribe button where when the button is pressed, it will direct the user to the unsubscribe page. The user inputs there email address, so the database deletes the user email when the unsubscribe button has been clicked.

The movie database requires a button to direct an admin to the admin login page, where the admin can type in their username and password to update their subscriber list or to view their subscriber list.

### Out of Scope

The below describes the features, functional and/or non-functional requirements of the Movie Database software that will not be tested.

### Quality Objective

To make sure the Movie Database under test conditions follows the functional and non-functional requirements listed by Acme at a great quality deemed also by Acme.

To identify bugs/issues that need to be addressed before the Movie Database is live.

## Test Methodology

### Quality Objective

State chosen test methodology for Movie database development testing. E.g Agile

### Test Levels

Types of testing being executed on the application

### Bug Triage

Defining types of resolution for each bug.

Prioritising bugs and determining schedules of fix.

### Test Completeness

Defining criteria that will deem testing complete.

## Test Deliverables

Listing all test during different phases of the testing life cycle.

## Resources

### Testing Tools

List the tools

### Testing Environment

List the environment used

## Quality Assurance

### Initiation and Planning

Movie database specification analysis, testing plan, elaboration and team assigning.

### Initiation and Planning

First testing of development deliverables. Refine planning and test items if needed.

### Iteration Audits

Iterating builds until it’s at a satisfactory standard

# Testing Report

This testing report has been written to list all allowed possible user inputs for the membership page to add new records of people’s full names and email addresses.

## Full Names

Full Names allow all alphabetical letters from A to Z which can be lower case or capital letters; Refer to figure 1.

One space is allowed for every name that the individual has. For example, there is a space between the first name, middle name and last name. All names for the individual may be entered into the database.

Numbers are not permitted as names do not contain numbers; Refer to figure 2 for numbers not allowed.

All symbols that not have not been mentioned already are not allowed; Refer to figure 3 for symbols.

## Emails

There must be one @ symbol for each email addresses. The @ symbol must only appear after one or more letters or/and numbers.

There must be one full stop after the @ sign, however there must be one letter and/or number before the full stop and after the full stop.

Below is format the email address must be entered.

Email addresses [\*\*\*\*\*\*\*@\*\*\*\*\*.\*\*\*](mailto:*******@*****.***)

As above, the email address is split into three sections; Red section, blue section and purple section.

The stars (\*) represents where letters and numbers are inputted. Also hyphens and full stops if it has been **STATED**.

The red section allows as many letters, numbers, full stops and hyphens inputted by the user. Hyphens and full stops are not able to be inputted if there are no existent letters or numbers, however numbers or letters on their own are acceptable for the red section.

Once the required characters have been inputted, at the end of the red section (Most right part of red section) one single @ sign must be inputted by the user.

On the blue section, after the @ symbol, as many numbers, letters and full stops are allowed.

Full stops cannot be next to other full stops unless there is a number or letter in between each full stop. Hyphens are not permitted.

Once everything is entered, then a full stop will be added to the end of the blue section.

On the purple section, after the full stop at the end of the blue section. Letters or/and numbers are permitted. Hyphens and full stops are not permitted.

Once everything has been entered an email address format may look like this.

[Brandon-price.2000@student.tafe.wa.edu.au](mailto:Brandon-price.2000@student.tafe.wa.edu.au)

Or a simple email address format may look like this.

[Brandonprice@gmail.com](mailto:Brandonprice@gmail.com)

Figure 1

|  |  |
| --- | --- |
| Letters Allowed (Capital Letters) | Letters Allowed (Lower Case Letters) |
| A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | a,b,c,d,e,f,g,h,I,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z |

### Figure 2

|  |
| --- |
| Numbers |
| 0,1,2,3,4,5,6,7,8,9, |

### Figure 3

|  |
| --- |
| Symbols |
| !,@,#,$.%,^,&,\*,(,),\_,-,+,`,~,=,[,{,],},\,|,;,:,’,”,<,.,>,/,?, |

### Test cases

## The following screen shots are test cases for the movie data base that has been created. Within this section it shows all functionality that has been created from sprint 1 and 2 being tested on three separate web browsers; Google Chrome, FireFox and Internet Explorer.

All these tests are replicated on three different devices

## Large Screen

### Google Chrome

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Title.PNGC:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\TitleSuccessful.PNG |
| 2 | Entering Genre to search movie. | SUCCESSFUL | genregenreSuccessful |
| 3 | Entering Ratings to search movie. | SUCCESSFUL | RatingRatingSuccessful |
| 4 | Entering Year to search movie. | SUCCESSFUL | YearTitleSuccessful |
| 5 | Subscribe email address and name. | SUCCESSFUL | SignUpSuccessful |
| 6 | Unsubscribe email address. | SUCCESSFUL | Unsubscribe |
| 7 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 8 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 9 | Login with user account. | SUCCESSFUL |  |
| 10 | Login with admin account. | SUCCESSFUL |  |
| 11 | Top 10 most popular. | SUCCESSFUL |  |
| 12 | Like or dislike a movie. | SUCCESSFUL |  |
| 13 | Like or dislike chart. | SUCCESSFUL |  |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 14 | Entering Title to search movie. | SUCCESSFUL | TitleTitleSuccessful |
| 15 | Entering Genre to search movie. | SUCCESSFUL | GenreGenreSuccessful |
| 16 | Entering Ratings to search movie. | SUCCESSFUL | ratingratingSuccessful |
| 17 | Entering Year to search movie. | SUCCESSFUL | yearyearsuccessful |
| 18 | Subscribe email address and name. | SUCCESSFUL | SignUp  SignUpSuccessful |
| 19 | Unsubscribe email address. | SUCCESSFUL | Unsubscribe  UnSubscribeSuccessful |
| 20 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 21 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 22 | Login with user account. | SUCCESSFUL |  |
| 23 | Login with admin account. | SUCCESSFUL |  |
| 24 | Top 10 most popular. | SUCCESSFUL |  |
| 25 | Like or dislike a movie. | SUCCESSFUL |  |
| 26 | Like or dislike chart. | SUCCESSFUL |  |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 27 | Entering Title to search movie. | SUCCESSFUL | TitleTitleSuccessful |
| 28 | Entering Genre to search movie. | SUCCESSFUL | GenreGenreSuccessful |
| 29 | Entering Ratings to search movie. | SUCCESSFUL | RatingsRatingsSuccessful |
| 30 | Entering Year to search movie. | SUCCESSFUL | Year  YearSuccessful |
| 31 | Subscribe email address and name. | SUCCESSFUL | SignUpSignUpSUccesful |
| 32 | Unsubscribe email address. | SUCCESSFUL | Unsubscribe  UnsubscribeSuccessful |
| 33 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 34 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 35 | Login with user account. | SUCCESSFUL |  |
| 36 | Login with admin account. | SUCCESSFUL |  |
| 37 | Top 10 most popular. | SUCCESSFUL |  |
| 38 | Like or dislike a movie. | SUCCESSFUL |  |
| 39 | Like or dislike chart. | SUCCESSFUL |  |

## Medium Layout

### Google Chrome

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 40 | Entering Title to search movie. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\TitleSuccessful.PNG |
| 41 | Entering Genre to search movie. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\GenreSuccessful.PNG |
| 42 | Entering Rating to search movie. | SUCCESSFUL | RatingSuccessful |
| 43 | Entering Year to search movie. | SUCCESSFUL | YearSuccessful |
| 44 | Subscribe email address and name. | SUCCESSFUL | signupsuccessful |
| 45 | Unsubscribe email address and name. | SUCCESSFUL | unsubscrubeSuccesful |
| 46 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 47 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 48 | Login with user account. | SUCCESSFUL |  |
| 49 | Login with admin account. | SUCCESSFUL |  |
| 50 | Top 10 most popular. | SUCCESSFUL |  |
| 51 | Like or dislike a movie. | SUCCESSFUL |  |
| 52 | Like or dislike chart. | SUCCESSFUL |  |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 53 | Entering Title to search movie. | SUCCESSFUL | title |
| 54 | Entering Genre to search movie. | SUCCESSFUL | genjmre |
| 55 | Entering Rating to search movie. | SUCCESSFUL | rating |
| 56 | Entering Year to search movie. | SUCCESSFUL | year |
| 57 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 58 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |
| 59 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 60 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 61 | Login with user account. | SUCCESSFUL |  |
| 62 | Login with admin account. | SUCCESSFUL |  |
| 63 | Top 10 most popular. | SUCCESSFUL |  |
| 64 | Like or dislike a movie. | SUCCESSFUL |  |
| 65 | Like or dislike chart. | SUCCESSFUL |  |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 66 | Entering Title to search movie. | SUCCESSFUL | TitleSuccesful |
| 67 | Entering Genre to search movie. | SUCCESSFUL | GenreSuccessful |
| 68 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 69 | Entering Year to search movie. | SUCCESSFUL | yeare |
| 70 | Subscribe email address and name. | SUCCESSFUL | signup |
| 71 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |
| 72 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 73 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 74 | Login with user account. | SUCCESSFUL |  |
| 75 | Login with admin account. | SUCCESSFUL |  |
| 76 | Top 10 most popular. | SUCCESSFUL |  |
| 77 | Like or dislike a movie. | SUCCESSFUL |  |
| 78 | Like or dislike chart. | SUCCESSFUL |  |

## Small Layout

### Google Chrome

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 79 | Entering Title to search movie. | SUCCESSFUL | Title |
| 80 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 81 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 82 | Entering Year to search movie. | SUCCESSFUL | Year |
| 83 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 84 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |
| 85 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 86 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 87 | Login with user account. | SUCCESSFUL |  |
| 88 | Login with admin account. | SUCCESSFUL |  |
| 89 | Top 10 most popular. | SUCCESSFUL |  |
| 90 | Like or dislike a movie. | SUCCESSFUL |  |
| 91 | Like or dislike chart. | SUCCESSFUL |  |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 92 | Entering Title to search movie. | SUCCESSFUL | title |
| 93 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 94 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 95 | Entering Year to search movie. | SUCCESSFUL | year |
| 96 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 97 | Unsubscribe email address and name. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\unsubscribe.PNG |
| 98 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 99 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 100 | Login with user account. | SUCCESSFUL |  |
| 101 | Login with admin account. | SUCCESSFUL |  |
| 102 | Top 10 most popular. | SUCCESSFUL |  |
| 103 | Like or dislike a movie. | SUCCESSFUL |  |
| 104 | Like or dislike chart. | SUCCESSFUL |  |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 105 | Entering Title to search movie. | SUCCESSFUL | title |
| 106 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 107 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 108 | Entering Year to search movie. | SUCCESSFUL | year |
| 109 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 110 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |
| 111 | Update Subscribe list and view subscriber list if you type admin user and password correctly | SUCCESSFUL |  |
| 112 | Try to search without login in. | SUCCESSFUL |  |
| 113 | Searching without login in should redirect to login page. | SUCCESSFUL |  |
| 114 | Login with user account. | SUCCESSFUL |  |
| 115 | Login with admin account. | SUCCESSFUL |  |
| 116 | Top 10 most popular. | SUCCESSFUL |  |
| 117 | Like or dislike a movie. | SUCCESSFUL |  |
| 118 | Like or dislike chart. | SUCCESSFUL |  |

### Validation

The Movies database website search for Titles, Genres, Ratings and Year. It displays data correctly according to the data it searches for.

The Sign Up page accepts user input for email addresses and full names with the user having a choice of selecting to receive monthly newsletters and breaking newsflashes which is then submitted to the database. All this mentioned works accordingly, however there was one spelling mistake that needed adjustment. The monthly new letter text next to the monthly news letter button, had a spelling mistake. It was spelt “Monthly Newletter”, however it is supposed to be spelt “Monthly Newsletter”. The team has been notified and it will be taken care of as soon as possible.

The unsubscribe page allows you to enter an email address, the email is submitted to the database and then the email is deleted. Display information of the email deletion to the user. All mentioned works accordingly.

The Admin login page checks for the username and password login, if the username and password is correct then allows you to either update the subscribers list or view the subscribers list. This does work accordingly to plan