# 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 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.

### 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

### Final Verification and Validation Testing

Final testing of Movie database to make sure it has great quality so it is ready to be deployed.

* Testings that can be used:
* Function and regression testing
* Accessibility testing
* Compatibility testing
* Performance testing
* Installation/Configuration Testing
* System/ Integration Testing
* Security Testing
* Internationalisation/Location Testing
* Security Testing
* User Acceptance Testing

# Testing Report

This testing report has been written to list all allowed possible user inputs for the membership page to add new records of peoples full names and emails.

## Full Names

Full Names allow all alphabetical letters from A to Z which are allowed to be lower case or Capital letters. Refer to figure 1.

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

Numbers are not permitted as no name has numbers. Refer to figure 2.

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

## Emails

There must be one @ symbol on an email. 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 or/and number before the full stop and after the full stop.

Below is format the email address must be entered in.

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

As seen from above the email address is split into three chunks. Red chunk, blue chunk and purple chunk.

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

The red chunk 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 its own are acceptable for the red chunk.

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

On the blue chunk, 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 chunk.

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

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

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

Figure 1

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

### Figure 2

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

Figure 3

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

## 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 |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | TitleTitleSuccessful |
| 2 | Entering Genre to search movie. | SUCCESSFUL | GenreGenreSuccessful |
| 3 | Entering Ratings to search movie. | SUCCESSFUL | ratingratingSuccessful |
| 4 | Entering Year to search movie. | SUCCESSFUL | yearyearsuccessful |
| 5 | Subscribe email address and name. | SUCCESSFUL | SignUp  SignUpSuccessful |
| 6 | Unsubscribe email address. | SUCCESSFUL | Unsubscribe  UnSubscribeSuccessful |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | TitleTitleSuccessful |
| 2 | Entering Genre to search movie. | SUCCESSFUL | GenreGenreSuccessful |
| 3 | Entering Ratings to search movie. | SUCCESSFUL | RatingsRatingsSuccessful |
| 4 | Entering Year to search movie. | SUCCESSFUL | Year  YearSuccessful |
| 5 | Subscribe email address and name. | SUCCESSFUL | SignUpSignUpSUccesful |
| 6 | Unsubscribe email address. | SUCCESSFUL | Unsubscribe  UnsubscribeSuccessful |

## Medium Layout

### Google Chrome

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\TitleSuccessful.PNG |
| 2 | Entering Genre to search movie. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\GenreSuccessful.PNG |
| 3 | Entering Rating to search movie. | SUCCESSFUL | RatingSuccessful |
| 4 | Entering Year to search movie. | SUCCESSFUL | YearSuccessful |
| 5 | Subscribe email address and name. | SUCCESSFUL | signupsuccessful |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | unsubscrubeSuccesful |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | title |
| 2 | Entering Genre to search movie. | SUCCESSFUL | genjmre |
| 3 | Entering Rating to search movie. | SUCCESSFUL | rating |
| 4 | Entering Year to search movie. | SUCCESSFUL | year |
| 5 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | TitleSuccesful |
| 2 | Entering Genre to search movie. | SUCCESSFUL | GenreSuccessful |
| 3 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 4 | Entering Year to search movie. | SUCCESSFUL | yeare |
| 5 | Subscribe email address and name. | SUCCESSFUL | signup |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |

## Small Layout

### Google Chrome

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | Title |
| 2 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 3 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 4 | Entering Year to search movie. | SUCCESSFUL | Year |
| 5 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |

### Internet Explorer

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | title |
| 2 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 3 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 4 | Entering Year to search movie. | SUCCESSFUL | year |
| 5 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | C:\Users\student\AppData\Local\Microsoft\Windows\INetCache\Content.Word\unsubscribe.PNG |

### FireFox

|  |  |  |  |
| --- | --- | --- | --- |
| CASE ID | DESCRIPTION | OUTCOME | EVIDENCE |
| 1 | Entering Title to search movie. | SUCCESSFUL | title |
| 2 | Entering Genre to search movie. | SUCCESSFUL | Genre |
| 3 | Entering Rating to search movie. | SUCCESSFUL | Rating |
| 4 | Entering Year to search movie. | SUCCESSFUL | year |
| 5 | Subscribe email address and name. | SUCCESSFUL | subscribe |
| 6 | Unsubscribe email address and name. | SUCCESSFUL | unsubscribe |