Test report

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# Introduction

The client has asked us to implement new functionality for the third sprint of production. These new requests include a password system for website administrators and ACME personnel. The passwords must meet a minimum password complexity test. The users must also be able to rate the movies on the website. They also asked us to implement a live top 10 page for displaying the highest rated movies on the website which needs to automatically update.

# Scope

## Features (Movie Database website) In Scope

* Add a password system for Administrators and ACME personnel
* Passwords in the system must meet a minimum complexity
* Ability for users to rate movies
* A live automatically updates top 10 ranked movies page.

## Functional

* Admin and ACME personnel login
* Password System includes minimum complexity
* User rating movies
* Display top 10 ranked movies

## Non- functional requirements

* The Movies Rankings Database
* Admin and ACME password Database
* Rate movies page/form

# Quality Objective

* All features have been correctly implemented as per requested by the client.
* There are no bugs or errors with the production version of the website.

# Roles and Responsibilities

Panashe Madakasi (Scrum Master)

* Project management plan (sprint one)
* Master Document Sprint 2 addition
* Source control Snapshot
* Demonstration

Carl Haricombe

* Coding (Developer)
* Optimisation Report

Calvin Moylan

* Software Development Testing Plan

# Test Methodology

## RAD (Rapid application Development)

Moving on from sprint two, which required us to implement a newsletter subscription and an admin portal, we have been requested to implement a new Admin and ACME personnel password system. This will require a change to password database as well as include a minimum complexity for the password. The website must also hash passwords and store them into the password database. We are also required to implement a rating system to the movies which are stored on the website. This will also require a slight change to the movies database which will now need to keep track of user ratings. Finally, we must also include a top 10 ranked movies page which will display a table of the top 10 ranked movies that automatically updates.

# Testing strategy

For the testing strategy, we have decided to use behavioral tests. This way we can test that all new functionality that we have recently implemented works as intended. This is also known as Blackbox testing since it will only focus on the front end working as intended as the users do not need to know what is happening behind the scenes.

## Quality Assurance

* Quality assurance will up to the CITE’s management standards evaluation project performance and the hand off complies with customer requirements.

# Testing Environment

|  |  |
| --- | --- |
| **OS** | **Browser** |
| Windows 10 | Chrome |

## Hardware requirements

* Windows 10 (Computer)
* Internet connection
* Peripherals such as a mouse and keyboard
* Monitor

# Test Cases

|  |  |  |  |
| --- | --- | --- | --- |
| Prototype | Proofing | Description | Result |
| Admin login and Email |  | Admin has the ability to login without a password | Pass |
| User Subscribe |  | Users can subscribe and click to receive news letters | Pass |
| User removal |  | Admin has the ability to remove a user directly from the admin page | Pass |
| Validation Filter (User – letters for names) |  | Only letters can be used in the name section of a user | Pass |
| Validation Filter (Admin – only numbers) |  | Only numbers can be used to identify an admin member | Pass |
| Validation Filter (Email - @ symbol .com etc) |  | Used a generated email validation filter Email - @ symbol .com etc. without these user nor admin can login or subscribe | Pass |
| User unsubscribe email |  | When a user selects to unsubscribe from the page, a notification is sent to the admin member | Pass |