ACME Movie Database

Test Documentation

Sprint 2

ChangeLog

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# Introduction

Brief introduction of the test strategies, process, workflow and methodologies used for the project

## Scope

### In Scope

Scope defines the features, functional or non-functional requirements of the software that **will be** tested

### Out of Scope

Anything NOT outlined in the above scope section will NOT be tested.

## Quality Objective

The objective of testing this application is to ensure it satisfies all requirements (both functional and non-functional) and also meets the quality standards as defined by the client. Through rigorous testing patterns any bugs, issues and un-expected behaviour will be identified and corrected. This approach will help us to deliver a quality application as the final product that exceeds customer expectations.

## Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members like

* QA Analyst
* Test Manager
* Configuration Manager
* Developers
* Installation Team

Amongst others

# Test Methodology

## Overview

This project employs the Rapid Application Development (RAD) methodology. This means testing occurs within every iteration (sprint) of the software development cycle. As this project has been structured to carry out weekly sprints, the testing will also occur as frequently.

## Test Levels

### Use Case Testing

As functionality as implemented into the website, it will be tested against it’s requirements and specifications to ensure it behaving correctly. Use case testing involves tabulating all possible course of actions for a user to achieve a desired result (such as navigate to the search page), recording the expected results and then testing them against real-world tests.

## Bug Triage

The goal of the triage is to

* To define the type of resolution for each bug
* To prioritize bugs and determine a schedule for all “To Be Fixed Bugs’.

## Suspension Criteria and Resumption Requirements

The are the criteria for any disruption to the testing process and workflow.

### Suspension Criteria

Testing for a particular functoinality is to be suspended once a bug has been identified. Sub-sequential behaviour can not be deemed reliable for testing once bugged methods are used.

### Resumption Criteria

Testing for particular functionalities can be resumed once any identified bugs have been corrected by the developers.

## Test Completeness

Here you define the criterias that will deem your testing complete.

For instance, a few criteria to check Test Completeness would be

* 100% test coverage
* All Manual & Automated Test cases executed
* All open bugs are fixed or will be fixed in next release

# Test Deliverables

Here mention all the Test Artifacts that will be delivered during different phases of the testing lifecycle.

Here are the sample deliverables

|  |
| --- |
| * Test Plan * Test Cases * Requirement Traceability Matrix * Bug Reports * Test Strategy * Test Metrics * Customer Sign Off |

# Resource & Environment Needs

## Testing Tools

Make a list of Tools like

* Requirements Tracking Tool
* Bug Tracking Tool
* Automation Tools

Required to test the project

## Test Environment

It mentions the minimum hardware requirements that will be used to test the Application.

* [No minimum requirements]

Following software’s are required in addition to client-specific software.

1. Windows XP Service Pack 2 and above
2. Android Jellybean
3. Mac OS X

# Terms/Acronyms

| TERM/ACRONYM | DEFINITION |
| --- | --- |
| API | Application Program Interface |
| AUT | Application Under Test |
| RAD | Rapid Application Development |