|  |
| --- |
|  |

|  |
| --- |
| **Software Test Plan** |
| [Type the document subtitle] |
|  |
| [Type the abstract of the document here. The abstract is typically a short summary of the contents of the document. Type the abstract of the document here. The abstract is typically a short summary of the contents of the document.] |
|  |
| **Manuela Perez** |
| **[Pick the date]** |
|  |

Table of Contents

[Background 2](#_Toc351469492)

[Test Objectives 2](#_Toc351469493)

[Definitions 2](#_Toc351469494)

[Assumptions and Exclusions 2](#_Toc351469495)

[Test Phases 3](#_Toc351469496)

[Test Strategy 4](#_Toc351469497)

[Resource Requirements 4](#_Toc351469498)

[Roles and Responsibilities 4](#_Toc351469499)

[Test Cases 4](#_Toc351469500)

[Bug Reporting / Problem Reporting 4](#_Toc351469501)

[Sign-Off 4](#_Toc351469502)

# Background

* A brief background and history of the testing project, which should include:
  + Brief description of the purpose of the AUT (Application Under Test)

The purpose of AUT is to test whether or not your completed website is fully functional

* + Definitive version information for the AUT
  + Any other relevant supporting information

# Test Objectives

* What’s the purpose of the test planning process and the software test plan?

The test planning process is the process of going through your test plan and checking if it complies with the test plan

* What are the quality and reliability goals of the product?

The goal of the product I have created is a functional website that performs well

# Definitions/Acronyms

* This section lists the common terms and their meaning that applies to the project being tested or developed.

# Assumptions and Exclusions

## This section lists the assumptions that have been made for the purposes of the testing project. It also lists the specific aspects of the AUT to be tested

* + Forms
  + Links
  + Profile features (edit profile, upload, edit video, add friend)
  + Images

## This section also lists the items that will not be included in the testing project.

* Spelling
* Design
* Layout

# Test Phases

* This section identifies the stages for testing a particular project or AUT.
* The two concepts associated with the test stages are the **entry** and **exit** **criteria**.
  + **Entry Criteria**
    - This section lists the entry criteria for the testing project.
    - For example, the following entry criteria have been specified:
      * The test environment has been set up (and tested).
      * The amended (to reflect changes to the AUT) Requirements Specification Document has been received.
      * The final copy of the amended AUT has been received from the Development Team and has been installed in the test environment.
      * The latest version of the operating system required for testing has been installed in the test environment.
      * The test project has been appropriately resourced.
  + **Exit Criteria**
    - This section lists the exit criteria for halting the testing process .
    - For example, the following entry criteria have been specified:
      * No outstanding defects
      * Observed defects below an agreed-on profile, such as:
        + No critical defects, and less than n severe defects
        + N hours testing time without observing a defect
        + A complete run (or rerun) through the test script with no defects
      * Some budgetary criterion, such as:
        + The assigned testing budget has been exceeded
        + The assigned testing effort had been exceeded
      * Some scheduling criterion, such as:
        + Testing must stop to allow planned delivery of AUT
        + Testing must stop to allow planned development of AUT (e.g., Unit Testing must be complete by a certain date to allow integration of the AUT to begin)
      * Testing must stop because the AUT is unfit for this level of testing; that, the AUT is of such poor quality that further testing would be a waste of effort).

Entry requirements are-

The final product has been handed to the testing team and an appropriate environment has been set up for testing

Exit requirements-

The product works according to the test plan and there are no major defects.

# Test Strategy – Testing Methods

This section describes the approach that the test team will use to test each aspect of the website

## Registration-

Will be tested by creating a profile on multiple browsers at different screen sizes

## Signing in-

When a profile has been created the sign in will be tested on multiple browsers at different screen sizes

## Profile functionality-

The team will test each part of the profile such as uploading editing profile

## Site functionality-

Parts included in the site functionality are, searching for a video, watching a video, discover videos, popular videos display correctly, search for friends and add them to your friends list and all videos display throughout pagination.

## Design functionality-

Design will tested by checking if the design is consistent throughout each screen size(mobile, tablet, pc monitor).

# Identify strategies or methods (e.g. Inspection Testing, Integration Testing and so on)

A tester will go through each test case and test each part as if they were a regular user

# Will you be using automating tools? If so, do they need to be developed or can existing solutions be purchased? What is the name of the testing tool?

No automated tools will be used project will tested by tester

# Resource Requirements

## Planning the resource requirements is the process of deciding what’s necessary to accomplish the testing strategy.

For a suitable environment for the project a computer with access to the internet will be needed. One person is required minimum but if more were to test more errors may be found also, a live website online or localhost is required for the testing strategy to be undertaken.

# Roles and Responsibilities

## This section specifies the names, roles, and responsibilities of the staff involved in the testing project

## Developer -

Role: Create test cases according to the initial specifications from the client and parts the developer designed

Responsibilities: Create test cases accurate to what was created and what was requested from the client

#### Tester

Role: Tester

Responsibilities: test the product and make 100% sure it complies with the test cases

# Test Cases

## The test planning process will decide what approach will be used to write them, where the test cases will be stored, and how they’ll be used and maintained.

The test cases will be written by a developer and will be stored in the studio Excel file. The studio excel file will only be edited if there was a missing test case or a new feature was implemented.

## This document is created separately and you need to specify the test case document name here so the testing team can use it.

Studio. Excel

# Bug Reporting / Problem Reporting

* This section documents the manner in which defects observed during testing are recorded and reported to the appropriate staff.
* Exactly what process will be used to manage the bugs needs to be planned so that each and every bug is tracked from when it’s found to when it’s fixed – and never, ever forgotten.
* For example, all defects observed during System Testing will be recorded on the appropriate Test Result Record Form. All such defects will be reviewed during the Post Test Review Meeting, where the Test Team Leader and the Development Team Leader will discuss the scope of remedial work to the AUT, timescales for correction, and any test case(s) that need to be rerun as a result of the remedial work.

# Sign-Off

* Sign-off sheet where everyone involved in the test will sign