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| **Software Test Plan** |
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| **Manuela Perez** |
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# Background

## Brief description of the purpose of the AUT (Application Under Test)

The purpose of the AUT is a simple video sharing site where users upload videos for other users to view

## Definitive version information for the AUT

1.0

# 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
  + Admin functions

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

* Spelling
* Design
* Layout

# Test Phases

* The final product has been handed to the testing team
* an appropriate environment has been set up for testing
* Test cases have been set up

## Exit requirements-

If the test plan is not successful then a retest will be scheduled later depending on the amount of rework that will be needed but if more than 10 test cases fail then the AUT is not yet ready to be tested and will be given back to the developer for them to rework it

If the test plan is successful then the tester will sign off the test plan as functional. In order for the tester to sign of the test plan as functional there will be no failure throughout the test cases

# 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

Test each input field

## Signing in-

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

Test each input field

## Profile functionality-

The team will test each part of the profile such as uploading, editing profile and adding other users as friends

## 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.

## Usability testing-

The tester will test the usability by acting like a regular user and doing things a normal user does such as searching for videos, login and watching videos

## Interface testing-

Interface will be tested by going to each page at different screen sizes and trying the elements of the site

## Security testing-

Security will be tested by trying to enter parameter though the url or doing a sql injection

# 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

If any test cases fail within the test plan or bugs are found the tester will enter the failed test and enter the specific bug into the rework test plan. The rework test plan will then be reviewed at the next review meeting.

# Sign-Off

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

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| **Tester signature** | **Developer signature** | **Project manager signature** |
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