CSM Group of Companies IT Asset and Operations Management **Testing Plan**

Abstract

Table of Contents

Introduction

Background of the project

* Something about the client
* Current infrastructure
* Scale of the project

Unit Tests

* What testing framework
* How will it be Organized and automated
* What will we test
* What should be the results of the tests
* When will testing happen

System Tests

* The entire program is testes
* Stories are tested as they’re added
* Use selenium for testing (must do a spike, probably)
* When will system tests be done
* Who is doing the system tests
* What are the results

Accessibility Tests (checklists)

* Disability testing – blindness, limited vision, limited hearing, limited motor skills etc.
* 508 compliance
* Tool to easily complete accessibility testing
* Who is doing the tests
* What test will be done
* What are the results of the test – honest effort to pass the tests

Usability Testing

* Who is doing the testing – team runs the test, client needs to participate
* Google Analytics (probably need a spike)
* Give users use cases and watch them try to complete it
* Complete usability testing early on in the development
* Alpha tests – changes that must be made will be major
* Beta tests – minor changes will be made (bugs)
* Indicate when it’s going to happen
* Indicate how many people will test it

Blackbox Testing

* Outside testing group – people who try to break the system
* Different developer team
* Tested at the end before release

Whitebox Testing

* Similar to blackbox testing but team is given the source code

Security Scanning

* Tools for this (spike) – nessus open VAS

Acceptance Testing

* Done by the client

Regression Testing

* All of these tests except acceptance testing
* Black/white box testing and usability testing is done with regression