

**TEST PLAN FOR
AUTOMATE WEB ACCESSIBILITY TESTING
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ChangeLog

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version number	Date of Change	Name of person who made changes	Description of the changes made

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1 Introduction

The goal is to programmatically use an API to test a site. The output from the API could be in the form of a report or perhaps allow us to use an xunit style testing framework like Pytest. The testing library should be free to use and open source.

1.1 Scope

1.1.1 In Scope

Accessibility-

Accessibility aims to cater people of different problems like Visual Impairment, Physical Impairment, Hearing Impairment, Cognitive Impairment, Learning Impairment, elderly people and new users (computer illiterate), users using old system, users having restricted access, users having non-standard equipments etc. Web accessibility is about people. Successful web accessibility is about anticipating the different needs of all sorts of people, understanding our fellow web users and the different ways they consume information, empathizing with them and their sense of what is convenient and what frustratingly unnecessary barriers we could help them to avoid.

1.1.2 Out of Scope

Out Of Scope defines the features, functional or non-functional requirements of the software that **will NOT be** tested

1.2 Quality Objective

- Ensure the Application Under Test conforms to functional and non-functional requirements.
- Ensure the AUT meets the quality specifications defined by the client.
- Bugs/issues are identified and fixed before going live.
- Check any content issues.
- Check coding issues.

- Check Color Issues.
- Follow the guidelines [Web Content Accessibility Guidelines 2.0 \(WCAG\)](#).

1.3 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

2 Test Methodology

2.1 Overview

Mention the reason of adopting a particular test methodology for the project. The test methodology selected for the project could be

- WaterFall
- Iterative
- Agile
- Extreme Programming

2.2 Test Levels

Test Levels define the Types of Testing to be executed on the Application Under Test (AUT). The Testing Levels primarily depends on the scope of the project, time and budget constraints.

2.3 Bug Triage

--Not Applicable--

2.4 Suspension Criteria and Resumption Requirements

Suspension criteria define the criteria to be used to suspend all or part of the testing procedure while Resumption criteria determine when testing can resume after it has been suspended

2.5 Test Completeness

- 100% test coverage
- All Test cases executed by automated method.

3 Test Deliverables

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
-

4 Resource & Environment Needs

4.1 Testing Tools

- Requirements Tracking Tool
- Bug Tracking Tool
- Automation Tools – aXe/AATT/ total1y/ Pa11y

4.2 Test Environment

The minimum **hardware** requirements that will be used to test the Application.

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

- Windows 8 and above

5 Terms/Acronyms

Make a mention of any terms or acronyms used in the project

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Test