**Test Plan for Web Disclosure (WD)**

*ChangeLog*

| **Version** | **Change Date** | **By** | **Description** |
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# **Introduction**

As part of this test plan, we are going to create a set of integration test cases that will be executed using the Cypress Framework. Also, we will use Cucumber & the Gherkin syntax to outline our Acceptance Criteria & feature files.

## **Scope**

### In Scope

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

The feature in scope for this test plan is F12345 - Web Disclosure Dashboard, which focuses on our Web Disclosure site. This is our public-facing website which our clients use to make their votes public. The feature will cover our clients ability to filter company meetings based on specified countries, as well as allowing them to navigate to a specific company’s vote card page.

### Out of Scope

This feature will not cover any other functionality that is available on our Web Disclosure site. This functionality will be covered in a separate feature.

## **Quality Objective**

* Ensure our Web Disclosure website *(the Application Under Test)* conforms to the requirements as specified in the acceptance criteria, as a result of our extensive testing.
* Ensure our Web Disclosure website meets the quality specifications defined by our clients & product owners.
* Be able to confidently ship this product into production for our clients to use.
* Bugs/Issues are identified & addressed before go-live.

## **Roles and Responsibilities**

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

* QA Engineers - will be responsible for developing the test code (feature files, step definitions, etc.) that ensure the website works as per the acceptance criteria. They will also triage any bugs found with the Dev team.
* Test Manager - will oversee the overall QA process & provide QA sign-off before go-live
* Developers - will be responsible for developing the functional code to meet the acceptance criteria.

# **Test Methodology**

## **Overview**

We elected to go with the Agile methodology.

As our clients were eager to get a solution into production, we thought the Agile approach would be best for the following reasons:

* We are able to develop & test in incremental, rapid cycles.
* If there are any changes to the requirements, we will be able to update our code at any time.
* In case of these changing requirements, we want to be able to quickly adapt to change rather than initially plan extensively.
* Adopting this approach, ensure any bugs are fixed before the release

## **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.

We have decided to go with the following Test Levels:

1. Unit Testing - to verify the various individual software components/services are fulfilling functionalities.
2. Integration Testing - to verify the data is flowing as expected between the components.
3. System Testing - to verify the functional & non-functional requirements.
4. Acceptance Testing - to verify the requirements of the specification are met as per the delivery.

* Both the **Unit** & **Integration** testing will be carried out by the developers as they develop the solution.
* System testing will be performed by the QA engineers.
* Acceptance testing will be delivered in the form of automated Cypress test scripts which have been derived from the provided user story acceptance criteria.

## **Test Completeness**

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

# **Test Deliverables**

* Test Plan
* Test Cases
* Bug Reports
* Test Strategy
* Test Metrics
* Customer / PO Sign Off

# Resource & Environment Needs

## **Testing Tools**

* Rally will be used to document Features, User Stories, Defects, etc.
* We will use C# for our unit & integration tests.
* Our regression suite will be based on Python & Pytest.
* Our acceptance tests will be based on the Cypress framework & feature files.

## **Test Environment**

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

* Windows laptop with Windows 8 or higher
* Android mobile device
* Apple mobile device