**System Test Plan**

**For**

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   1. Purpose

This document is a testing plan for the Twitter Analyzer Dashboard project, produced by the System Test Team.

* 1. Objectives

Meet the requirements set forth previously during the project. Supports the intended business functions and achieves the required software standards. Also satisfies criteria for testing.

1. Overall Strategy
   1. Testing Strategy

System testing will include testing of all functionalities within the scope specified by the project. System testing activities will include testing of new functionalities, modified functionalities, screen level validations, workflows, functionality access, and testing of interfaces.

* 1. System Testing Criteria

In order to begin system testing, certain requirements must be met for testing readiness.

* 1. Testing Types

Usability Testing: Testing user interface attributes, cosmetic presentation and content will be tested for accuracy and general usability. The goal of usability testing is to ensure that the UI is easy to use and provides access to information they need.

Functional Testing: Objective is to ensure that each element of the application meets the functional requirements of the business as outlined in the previous conditions laid out in the project.

* 1. Suspension and Resumption Criteria

Suspension will happen if the incidents found will not allow further testing of the system/application under-test. If testing is halted, and changes are made to the hardware, software, or database, it is up to the Testing Manager to determine whether the test plan will be re-executed.

Resumption will be possible when the functionality caused the suspension of testing has been retested successfully.

1. Execution Plan

The execution plan will detail the cases to be executed. This plan will be eventually put together to ensure that all the requirements are covered.

1. Bug Reporting
   1. Bug Tracking

We will be using the built in features of VSCode to find issues and bugs.

* 1. Bug Reporting

Defects can be reported any time working on the project and reports will be generated by the single programmer to be reviewed and analyzed by the single programmer working on the project.

1. Test Schedule

Test scheduling will fall in line with each iterative process that is completed

1. Risks and Contingencies

Some of the risks in the project are not limited to but include:

* Technical Risks
* Productivity Issues
* Scheduling
* Estimation of time required and deadlines
* Using a single employee to do everything