TEST PLAN FOR

<<mini sample project>>

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| **version** | **Change date** | **By** | **Description** |
| Version number | Date of change | Name of person who made changes | Description of the changes made |
| Ah\*\*\*\*ah | dd/mm/yy | Person | Reason-- |
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**1.Introduction**

Brief introduction of the test strategies, process, workflow and methodologies used for the project

**1(a) In Scope**

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

1**(b) 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**

Here make a mention of the overall objevtie that you plan to achive withou your testing

Some objectives of your testing project could be

* 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 go live

**{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

The methodology selected depends on multiple factors.

**{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**

The goal of the triage is to

* To define the type of resolution for each bug
* To prioritize bugs and determine a schedule for all “To Be Fixed Bugs’.

**{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**

Here you define the criterias that will deem your testing complete.

For instance, a few criteria to check Test Completeness would be

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

**3.Test Deliverables**

Here mention all the Test Artifacts that will be delivered during different phases of the testing lifecycle.

|  |
| --- |
| * Test Plan * Test Cases * Requirement Traceability Matrix * Bug Reports * Test Strategy * Test Metrics * Customer Sign Off |

Here are the sample deliverables

**4.Resource & Environment Needs**

**{4.1} Testing Tools**

Make a list of Tools like

* Requirements Tracking Tool
* Bug Tracking Tool
* Automation Tools

Required to test the project

**{4.2}** **Test Environment**

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

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

1. Windows 8 and above
2. Office 2013 and above
3. MS Exchange, etc.

**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 |

Documentation testing files also list all crucial business processes and describe how these are implemented.

* **Business objectives** — this section records business goals and KPIs. The driver section describes how the project makes profits and what technologies are used to obtain these desired outcomes.
* **Business model** — this section describes the product from the customer’s point of view — including the desired experience, needs, goals, and benefits from using the software. Usually, such documentation consists of diagrams, statistics, and flow graphs.
* **Technical conditions** — here, testers keep track of the functionality of the technical environment of the project, devices, operating systems, hardware requirements, and more, and check whether the product’s functionality works well under these conditions. This way, the product can make the most out of users’ hardware, delivering the optimal experience.
* **System characteristics** — these reports define the product’s usability, security, availability, cross-platform support. Testers grade the existing functionality and interface on these criteria and devise strategies on how to improve the situation.

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