[name of project]

**Test Strategy**

**Revision History**

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| --- | --- | --- | --- |
| Date | Version | Author | Description |
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# Scope

The description of the software testing managed by moolyaed Unit for new software development and IT Product maintenance activities is in the scope of the Test Strategy. The Test Strategy concerns the testing activities in moolyaed Unit, as well as development by an external service provider.

* Understand the requiremnets of the client and knowing what needed to be tested
* Types of testing to be carried
* Prepare testing documents
* Get the document reviewed
* The documents are to reviewed by piers and the test lead
* Test strategy documents should be approved by the project manager ,test manager,director of the company collectively
* To deliver a relaibale application within the given time

**Testing activities carried out with timelines**

1. Smoke testing should be done at the development phase
2. Functional testing
3. Non functional testing
4. Compactability testing
5. Performance testing
6. Security testing
7. Early testing should be done
8. Pesticide paradox

# Test Approach

Requirements collected for the New features.

Get baselined all the docuements  
Prepare Test Idea (test cases) for New Features.

Testing levels  
UAT sign OFF

Test web application

Test mobile application

User experience

Ifr any defect found raise the ticket

Android and ios

Carry out API testing

Get the reports

* **Testing levels**

A Test Level is a group of test activities that are organised and managed together. A Test Level is linked to the responsibilities in a project or maintenance.

The Test Levels are:

* Unit Testing , including unit integration
* System Testing
* System Integration Testing
* Acceptance Testing
* Validation Feedback (will be executed after or in parallel with the System Testing)
* User Acceptance
* Operational Acceptance o Security Acceptance o Service Desk Acceptance

# Test Environment

Define number of requirement and setup required for each environment

* Hardware configuration

Tablets

Tv

Systems

Mobiles ,laptops,tablets

* Pre production server
* Production server
* Test on the major system this application will used used on
* Android mobiles
* Ios
* Ott platforms
* Mobile web
* Destop web
* TV
* tablets
* Try to replicate customer environment at our place

# Testing Tools

* Automation and Test management tools needed for test execution
* Jira
* Zephyr
* Appium
* Postman
* Git github
* Jemeter
* Maven
* Jenkins
* Bugasura
* Rest assured

# Release Control

* Release management plan with appropriate version history that will make sure test execution for all modification in that release
* Test strategy
* Test plan
* Test scenario and test case
* Tracebality matrix
* Test summary
* Test execution report
* Defect report

# Risk Analysis

* risks that you can estimate

Plan for if any requiremnets changes and how to mitigate those

Timely deliverly

Work force efficiency

* plan to mitigate the risks also a contingency plan

If any requirement changes are give ,we should be able to mitigate those

Keep track of the work flow

Daily mettings to held

# Review and Approvals

* All these activities are reviewed and sign off by the business team, project management, development team, etc.
* Summary of review changes should be traced at the beginning of the document along with approved date, name, and comment