# Client\_Apps Functional Test Plan

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# Objective:

The primary objective of this Test Plan is to portray the step-by-step process that will enhance the efficiency, reliability and scalability of the testing process. It defines process that needs to take place to deliver the utmost quality product.

# Assumptions:

Given the Requirements & User stories are defined and are handed over to the QA Team.

# Project Overview:

Live interactive streaming app, which is used across all different platforms to upload, watch, comment & like on the live content. This Application has multiple functionalities that can be verified through the Test process.

# Test Life Cycle:

Software Testing life cycle process involves below step- by step procedure for every cycle:

* Requirements Gathering & Analysis
* Test Planning
* Test Design
* Setting up The Test Environment
* Test Execution
* Defect Tracking
* Test Cycle Closure

A diagram of software testing life cycle

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# Test Coverage:

Test Methodolgies that can be covered during this Test process:

* Sanity/Smoke testing
* Functional testing
* Regression testing
* Integration Testing
* Security testing
* End to End testing

# Platforms In-scope:

**In- Scope:**

* Desktop Web application (OSX Safari, OSX Chrome, Windows Edge, Windows Firefox, Windows Chrome)
* Mobile Web application (Android Chrome, iOS Safari, iOS Chrome)
* iOS Native app (iPhone, iPad; latest OS)
* Android Native app (Samsung, Moto; last 2 OSes)
* FireTV application
* AndroidTV application
* Roku channel
* Chromecast app (Android and iOS)

**Out-Of Scope:**

* Any other Platforms (TVOS, STB)

# High level Functional Test Plan & Time Estimation:

Below is the Basic Functional Test plan which can be applied to each platform mentioned above. Once Functional Test cases are designed, they can be reused for all the platforms.

A screenshot of a document

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PS: Above test automation plan is a prediction, which can vary based on the change of scope, resource availability, Addition of test scenarios & Unresolved/Blocked issues.

# Defect Management:

During the test execution phase, defects or bugs are identified, documented, and prioritized. They are then assigned to development teams for resolution. Defect tracking and management involve monitoring the progress of defect resolution and verifying fixes in subsequent test cycles. The aspects that are covered in this stage of the testing life cycle includes:

* Logging defects and issues that are identified during the test execution into a defect tracking system
* Prioritizing and categorizing defects based on their severity and impact
* Collaborating with development teams to provide detailed defect reports and facilitating timely resolutions
* Retesting and validating defect fixes to ensure their successful resolution