**Project on MX Player Video Streaming Platform**

**Test Strategy Document**

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# **Overview**

**OVERVIEW:**

MX Player is a video streaming and video on demand platform developed by MX Media & Entertainment. It has over 280 million users globally. The platform currently operates on an ad-supported model and has a streaming library of over 150,000 hours in 11 languages.

It is available on IOS, Android and the web. It’s a one-stop app for some of the best Movies, TV Shows, Web Series, Music Videos and Short Videos. The platform lays focus on Exclusive Original Content with emphasis on high-quality Hindi and Regional Languages. The language range includes everything from Malayalam, Tamil, Bengali, Punjabi, Bhojpuri, and Kannada.

**Project Background:**

This document should be reviewed and approved by both the Provider and the Customer Program Manager. Provide a brief description of this project, including the purpose of the new or modified system, the functions it will perform, and the business processes that the system is intended to support.

# **Test Approach**

**Process of Testing**-

* Test strategy
* Test Plan.
* Test Design.
* Test Environment.
* Test Execution.
* Test Report.
* Defect Report.
* Test Summary Report.

**Levels of Testing**- Integration testing, System testing, User Acceptance testing.

**Types of Testing**- Dynamic Testing, Static Testing, Sanity Testing, Regression Testing, Interface Testing and Smoke Testing

**Testing Approach**- Top-Down Approach

**Roles and Responsibilities-**

| **Name** | **Role** | **Responsibilities** |
| --- | --- | --- |
| Vandana | TESTER/TEAM LEAD | Testing -Login, Shows, Homepage Features |
| Sangili Vijay | TESTER | Testing -Others, MX Gold, Homepage Features |
| Tushar | TESTER | Testing - Profile, Options, Homepage Features |
| Darshana | TESTER | Testing-Search, Go-Ad free, Notifications, Homepage Features |
| Savitha | TESTER | Testing-Movies, MX Gold, Homepage Features |

# **Test Environment**

To test the entire project including software and hardware specification.

**Hardware Configurations**:

| System | Configurations |
| --- | --- |
| OS | Linux, Windows and Mac |
| Processor | 1GHz, intel core i3 |
| RAM | 4GB |
| Hard disk | 500GB |

**Software Configurations:**

| System | Configurations |
| --- | --- |
| Browser | Chrome, Firefox and Brave |
| OS | Windows |

# **TEST TOOLS**

Tools Needed for execution of the Tests for the Project are following:

| Tools | About tools | Purpose of tools |
| --- | --- | --- |
| Jira | Bug/issue tracker | To track the bugs. |
| Zephyr | Test management tool | To create test cases, test cycle and test execution reports. |
| Bugasura | Defect Management | To manage the defects. |
| Burp suite | Security testing | End – End security of the applications. |

# **Release Control**

**Employee and project deadline**: The Working days, the Project deadline, Resource availability are the factors which can affect the schedule

**Project estimation**: Based on the estimation, the Test Manager knows how long it takes to complete the project. So he can make the appropriate project schedule

**Project Risk**: Understanding the risk helps Test Manager add enough extra time to the project schedule to deal with the risks

# **Risk Analysis**

| **Risk** | **Mitigation Strategy** | **Impact** |
| --- | --- | --- |
| Delays in development of the application | Coordination to be maintained with the development team | High |
| Budget Risk | Optimisation of resources in best possible way | High |
| Legal Risks | Processes to be followed in accordance with standards and policies | High |
| Security Risks | Security testing should be done thoroughly | High |

# **Review and Approvals**

* Testing activities are specified in Test Strategy documents and then reviewed and signed 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
* Testing activities carried out within timelines by-

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