**Test Plan of MX Player**

**1. 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.

**1.0 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.

**2. Scope:**

**2.1 In Scope:**

What are the features to be tested?

* We test the **Login** features of the application.
* We test the **Homepage** features of the application.
* We test the **Shows** features of the application.
* We test the **Movies** features of the application.
* We test the **MX Gold** features of the application.
* We test the **others** features of the application.
* We test the **Search** features of the application.
* We test the **GO AD -FREE** feature of the application.
* We test the **Notifications** feature of the application.
* We test the **Profile** features of the application.
* We test the **options** features of the application.

**2.2 Out of Scope:**

What are the features not to be tested?

* Automation testing
* Performance testing
* Security testing
* Load testing
* Unit testing

## 3. Quality Objectives:

* Ensure the Application under Test conforms to functional and non-functional requirements.
* Ensure the UAT meets the quality specifications defined by the client.
* Bugs/issues are identified and fixed before go live.

## 4. Test Methodology:

1. Functional and Non-functional
2. Verification and Validation

## 5. Test Level:

* Integration Testing.
* System Testing.

## 6. Testing Tools:

     This project needs some tools for test execution.

|  |  |  |
| --- | --- | --- |
| 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. |
| Selenium | Web automation | To test web applications. |
| Postman | API testing tool | Test the behaviour from the backend. |
| Git hub | Source code management tool | To store the files in repository. |
| Bugasura | Defect Management | To manage the defects. |
| Burp suite | Security testing | End – End security of the applications. |

**7. Test Environment:**

To test the entire project including software and hardware specification.

**Hardware Configurations**

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

**Software Configurations:**

|  |  |
| --- | --- |
| System | Configurations |
| Browser | Chrome , Firefox and Safari |
| OS | Windows 11 |

**8. Test Coverage:**

* Finding the area of a requirement not implemented by a set of test cases
* Helps to create additional test cases to increase coverage
* Identifying a quantitative measure of test coverage, which is an indirect method for quality check
* Identifying meaningless test cases that do not increase coverage
* Implementing Test Design Techniques

**9. Roles & Responsibility:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
| Vandana | TRAINEE | Scope and Overview |
| Sangilivijay | TRAINEE | Testing Environment Testing Tools |
| Tushar | TRAINEE | Testing Approach |
| Darshana | TRAINEE | Release Control and Risk Analysis |
| Savitha | TRAINEE | Review and Approval |

**10. Schedule:**

* **Employee and project deadline**: The working days, the project deadline, resource availability are the factors which affected to the schedule
* **Project estimation**: Base 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

1. MX player as per their schedule in version 2.0
2. MX player even estimates reveal that it would take 5 months to complete during this system with all the identified functionality.

* Version 2.0(Will release in 25.10.2022)
* Version .1.1(Will release in 05.11.2022)

## 11. Test Deliverable:

**11.0** Test Strategy

**11.1** Test Plan

**11.2** Test Scenarios

**11.3** Test Cases

**11.4** Test Data

**11.5** Requirement Traceability Matrices

**11.6** Test Matrices

**11.7** Test Incident Report

**11.8** Daily Status Report

**11.9** Test Summary Report

**11.10** Traceability Matrices

**11.11** Release Note

**11.12** Test Closure Report