# **PLATFORM VALIDATION TESTING (*TECHNICAL ASSESSMENT*)**

**PROJECT NAME:** [text here]

**DATE:** [text here]

**NAME OF PERSON ASSESSING:** [text here]

## INTRODUCTION

* 1. Purpose

The purpose of this document is to outline the plan for Platform Validation Testing (Technical Assessment) for [Project Name]. This testing phase aims to ensure that the software performs as expected on various platforms and meets the specified technical requirements. *Keep in mind: our objective is to assess typical usage patterns rather than unusual outliers.*

* 1. Scope

This testing plan covers all aspects of Platform Validation Testing for [Project Name]. It defines the testing objectives, platform overview, testing types and deliverables.

* 1. Document Overview

This document provides a comprehensive plan for Platform Validation Testing. It will serve as a reference for the testing team and stakeholders throughout the testing phase.

## OBJECTIVES

* 1. *Compatibility Testing:*

Ensure compatibility with supported platforms and browsers.

* 1. *Performance Testing:*

Assess software performance under varying conditions.

* 1. *Usability Testing:*

Evaluate the usability of the software.

* 1. *Data Integrity Testing:*

Ensure data integrity and reliability.

* 1. *Network and Connectivity Testing:*

Test network capabilities.

* 1. *Failover and Recovery Testing:*

Assess failover and recovery mechanisms.

* 1. *Audio Description & Captioning*

Validates the software's support for audio description, captioning, sound effects & music.

* 1. *Documentation Review:*

Review documentation for accuracy and completeness.

## PLATFORM OVERVIEW

Minimum device requirements:

* *Microsoft Windows 11 or macOS 12 (Monterey) or higher*
* *Intel Core i3 processor or AMD Ryzen 3 equivalent*
* *Minimum 8 GB memory*
* *Webcam functionality*
* *Audio capability (speakers and a quality headset/microphone)*
* *Intel HD integrated graphics or equivalent*
* *128GB SSD*
* *Wireless Network adapter supporting IEEE 802.11g/n/ac*
* *13" screen or greater (recommended resolution 1920x1080)*
* *Minimum 1 full size USB port (USB 3.0A), 1 or more USB-C Port*
* *Virus protection software required*
* *Optional: 10/100/1000 Ethernet RJ45 connection or a USB to Ethernet adapter*
* *Recommended: A multi-year (3- or 4-year) warranty*

## TEST STRATEGY

| **TESTING TYPE** | **DESCRIPTION** | **EXAMPLE** | **FINDINGS** |
| --- | --- | --- | --- |
| **4.1 Compatibility Testing** | Ensures the software functions correctly on different platforms, browsers, and devices. | Test [Project Name] on Windows, and macOS using Chrome, Firefox, Safari, and Microsoft Edge to verify compatibility. Ensure it works on both 32-bit and 64-bit systems. | *[Enter your answer here]* |
| **4.2 Performance Testing** | Measures the software's responsiveness, stability, and scalability under various conditions. | Perform load testing on [Project Name] to assess its performance with [#] concurrent users. Measure response times for common user actions, such as logging in, searching, and processing transactions. | *[Enter your answer here]* |
| **4.3 Usability Testing** | Evaluates the software's user-friendliness, accessibility, and overall user experience. | Organize user testing sessions with a diverse group to gather feedback on [Project Name] usability. | *[Enter your answer here]* |
| **4.4 Data Integrity Testing** | Ensures data remains accurate and consistent during storage, retrieval, and processing. | Test [Project Name] data integrity by verifying that user-entered data is correctly stored in the database and retrieved accurately. | *[Enter your answer here]* |
| **4.5 Network and Connectivity Testing** | Assesses how the software performs under varying network conditions, including low bandwidth and high latency. | Test [Project Name] under conditions with limited bandwidth and high latency to ensure it remains responsive and functional even with a slow internet connection. Verify automatic reconnection features as well. | *[Enter your answer here]* |
| **4.6 Failover and Recovery Testing** | Tests the software's ability to handle failures and recover gracefully. | Simulate server downtime and verify that [Project Name] can seamlessly switch to a backup server (failover) and recover when the primary server is restored. Evaluate the clarity and effectiveness of error messages during such events. | *[Enter your answer here]* |
| **4.7 Audio Description & Captioning** | Validates the software's support for audio description, captioning, sound effects & music. | Confirm the [Project Name] proficiency in supporting audio descriptions, captioning, sound effects, and music | *[Enter your answer here]* |
| **4.8 Documentation Review** | Ensures that user guides, technical manuals, and API/GDD documentation are accurate and complete. | Review [Project Name] documentation to confirm that it accurately reflects the software's functionality. Check for completeness, clarity, and relevance to ensure that users have access to reliable information. | *[Enter your answer here]* |

**4.9 Any comments, suggestions, or additional information that hasn't been addressed in this document?**

## APPROVALS

