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**Group 05**

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**muly  
<Iteration/ Master> Test Plan**

**Version <1.1>**

<b>muly</b>	Version: <1.1>
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## Revision History

Date	Version	Description	Author
01/01/2022	1.0	Create test plan	<b>muly</b>
06/01/2022	1.1	Modify the old test plan	<b>muly</b>

<b>muly</b>	Version: <1.1>
<Iteration/ Master> Test Plan	Date: <06/01/2023>
<document identifier>	

## Table of Contents

<b>1. Introduction</b>	4
1.1 Purpose	4
<b>2. Target Test Items</b>	4
<b>3. Environmental Needs</b>	4
3.1 Hardware Requirements	4
3.2 Software in the Test Environment	4
3.3 Productivity and Support Tools	4
<b>4. Responsibilities, Staffing, and Training Needs</b>	5
4.1 People and Roles	5

muly	Version: <1.1>
<Iteration/ Master> Test Plan	Date: <06/01/2023>
<document identifier>	

## **<Iteration/ Master> Test Plan**

### **1. Introduction**

#### **1.1 Purpose**

The purpose of the Test Plan is to outline and communicate the intent of the testing effort for a given schedule. Primarily, as with other planning documents, the main objective is to gain the acceptance and approval of the stakeholders in the test effort. As such, the document should avoid detail that would not be understood, or would be considered irrelevant by the stakeholders in the test effort.

Secondly, the test plan forms the framework within which the test roles work for the given schedule. It directs, guides and constrains the test effort, focusing the work on the useful and necessary deliverables.

In cultures or domains in which test plans are not recognized as formal artifacts, it is still important to consider the different aspects represented by the test plan, and make appropriate decisions about what testing will be undertaken and how the test effort will be approached.

### **2. Target Test Items**

- Performance and efficiency
- Usability testing
- Main features:
  - Managing user's account.
  - Create a streaming session.
  - Join an available streaming session.
  - Chat on the chatbox (including emojis, and effects) while playing a streaming video.
  - Adjust video preferences.
  - Browsing the newsfeed.

### **3. Environmental Needs**

#### **3.1 Hardware Requirements**

- Desktop devices running the latest version of Chrome/Firefox/Safari.
- Required microphone and camera for streamers.
- Mobile devices running the latest version of Chrome.

#### **3.2 Software in the Test Environment**

The following base software elements are required in the test environment for this *Test Plan*.

<b>Software Name</b>	<b>Purpose</b>	<b>Version</b>	<b>Type and Other Notes</b>
Windows	Operating System	7+, 32/64 bit	
Mac OS	Operating System	Version 10.12+	
Chrome	App running environment		Internet Browser
Katalon Studio	Automation testing environment		

#### **3.3 Productivity and Support Tools**

The following tools will be employed to support the test process for this *Test Plan*.

<b>muly</b>	Version: <1.1>
<Iteration/ Master> Test Plan	Date: <06/01/2023>
<document identifier>	

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	MS Excel	MS	2010
Automation Testing Environment	Katalon Studio	Katalon LLC	2020

## 4. Responsibilities, Staffing, and Training Needs

### 4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	1	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>• planning and logistics</li> <li>• agree mission</li> <li>• identify motivators</li> <li>• acquire appropriate resources</li> <li>• presenting management reporting</li> <li>• advocate the interests of the test</li> <li>• evaluate the effectiveness of the test effort</li> </ul>
Tester		Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>• implement tests and test suites</li> <li>• execute test suites</li> <li>• log results</li> <li>• analyze and recover from test failures</li> <li>• document incidents</li> </ul>
Test System Administrator		Ensures test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> <li>• administer test management system</li> <li>• install and support access to, and recovery of, test environment configurations and test labs</li> </ul>