
Group09

**Video web
<Iteration/ Master> Test Plan**

Version 1.1

Video web	Version: 1.1
<Iteration/ Master> Test Plan	Date: 10/08/2022

Revision History

Date	Version	Description	Author
05/08/2022	1.0	<ul style="list-style-type: none"> This version provides sections 2 (Target Test Items), 3 (Environmental Needs) and 4 (Responsibilities, Staffing, and Training Needs). This version will be upgraded with more information in future. 	❖ Nguyễn Trương Hoàng Thái 20127625
10/08/2022	1.1	<ul style="list-style-type: none"> This version provides sections 1.1 (Purpose). This is the FINAL version of this report. 	❖ Phan Thanh Thúy 20127350

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<Iteration/ Master> Test Plan

1. Introduction

1.1 Purpose

- Describe the test plans, including test cases, functions are tested, testing status...
- Finally, to check the functions of the project in the most detail, to bring the best experience after completion.

2. Target Test Items

- Software items for testing:
 - Watch videos (ID: U01)
 - Search video (ID: U02)
 - Video comment (ID: U10)
 - Sign up (ID: U03)
 - Log in (ID: U04)
- Types of tests:
 - Functional testing: check whether each feature works as per the software requirements or not.
 - Usability testing: measuring how easy and user-friendly a function is.

3. Environmental Needs

3.1 Hardware Requirements

- Every PC or laptop that can run windows 10 operating system or windows 11 operating system with web browser (google chrome, firefox... ; we recommend that testers update the newest version of browser for this testing process).

3.2 Software in the Test Environment

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

Software Name	Purpose	Version	Type and Other Notes
Firefox	Running web application	Newest version	Internet Browser
Windows 10, 64 bit	Running web browser	Newest version	Operating System
Windows 11, 64 bit	Running web browser	Newest version	Operating System
Google chrome	Running web application	Newest version	Internet Browser

3.3 Productivity and Support Tools

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

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking and report	Google Sheets	Google LLC	2022
Test plan schedule	Google Docs	Google LLC	2022

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	Nguyễn Trương Hoàng Thái 20127625 (4 days)	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> planning and logistics agree mission identify motivators acquire appropriate resources present management reporting advocate the interests of test evaluate effectiveness of test effort
Tester	Nguyễn Trương Hoàng Thái 20127625, Trương Quốc Huân 20127172, Phan Thanh Thủy 20127350, Dương Đình Hiếu 20127675 (4 days for all)	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> implement tests and test suites execute test suites log results analyze and recover from test failures document incidents