Test Plan For

Baseball Sport project

Version	Change Date	By	Description

Introduction

Testing for **sportsengineplay.com** website about baseball sport. Make test cases of step in besaball sport part on website and do check of video and guide is give successful work. Take screen shot and record video for process through testing. Use it unit testing methodologies because do test speratail unit. Use it manual,automation and Performance testing. Functional and unfanctional test. All set up in test case is pass because i don't use value invalid inside my test part.

Scope

In Scope

functional or non-functional requirements of the software <u>that **will be** tested</u> **just (Baseball sport).**

Of video and content, the section.

Out of Scope

functional or non-functional requirements of the software that **will NOT be** <u>tested</u> **(football, basketball, tines, ...,**

etc.).

Quality Objective

Here make a mention of the overall objevtie that you plan to achive withou your testing

Some objectives of your testing project could be

- Ensure the Application Under Test conforms to functional and non-functional requirements
- Automation testing, Performance testing and manual testing.
- Ensure the AUT meets the quality specifications defined by the client
- Bugs/issues are identified and fixed before go live

Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members like

- QA Analyst
- Test Manager
- Configuration Manager
- Developers
- Installation Team

Test Methodology

Overview

Mention the reason of adopting a particular test methodology for the project. The test methodology selected for the project could be

- **WaterFall**

Test Levels

Test Levels define the Types of Testing to be executed on the Application Under Test (AUT). The Testing Levels primarily depends on the scope of the project, time and budget constraints.

Bug Triage

The goal of the triage is to

- To define the type of resolution for each bug
- To prioritize bugs and determine a schedule for all "To Be Fixed Bugs'.

Suspension Criteria and Resumption Requirements

Suspension criteria define the criteria to be used to suspend all or part of the testing procedure while Resumption criteria determine when testing can resume after it has been suspended
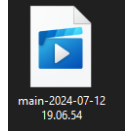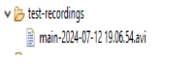
Test Completeness

Here you define the criterias that will deem your testing complete.

For instance, a few criteria to check Test Completeness would be

- 100% test coverage
- All Manual & Automated Test cases executed
- All open bugs are fixed or will be fixed in next release

Test Deliverables

Here are the sample deliverables

- Test Plan
- Test Cases
- RTM
- Bug Reports
- Test Strategy
- Test Metrics

➢ **JMeter Results:**

- Graph Results

- View Results Tree

- Summary Report

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s...	Sent KB/sec	Avg. Bytes
HTTP Request	301	334	123	969	155.95	0.00%	2.9/sec	785.75	0.76	277655.4
TOTAL	301	334	123	969	155.95	0.00%	2.9/sec	785.75	0.76	277655.4

➢ **TestNG Report Results:**

Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
			Default suite				
Default test	1	0	0	0	95,346		

Class	Method	Start	Time (ms)
	Default suite		
	Default test — passed		
FirstProject.SaportTesting	Sport	1720877011606	95232

Default test

FirstProject.SaportTesting#Sport

Messages
testing recorder is start and open browser
testing take picture inside folder
testing recorder is done and close browser

back to summary

➢ Test Cases Of **SPORTPROJECT**:

Test Scenario ID	Test Scenario	Test case ID	Test case	Steps	Expected result	Actual result	Pass/fail	screenshot
Ts_001	Verify URL is successful work	Tc_001	Check of URL of sportsengineplay.com	1. Open the website. 2.Home page.	Successful to go home page	As Expected,	Pass	
Ts_002	Verify sport attribute is successful work	Tc_002	Check of sports link	1.Click Sport. 2.Go to page sport.	Successful to go sport page	As Expected,	Pass	
Ts_003	Verify scroller down page is successful work	Tc_003	Check of page is down	1.Open page. 2.Scroll down.	Successful to go down page	As Expected,	Pass	
Ts_004	Verify video is successful work	Tc_004	Check of video	1.Click on the video. 2.Go to page video.	Successful to go video page	As Expected,	Pass	
Ts_005	Verify video is open and voice is successful work	Tc_005	Check of video is turn on.	1.Watch page video. 2.Click of video.	Successful open the video	As Expected,	Pass	
		Tc_006	Check of voice the video is work.	1.Open the video. 2.Voice is work.	Successful voice the video is work	As Expected,	Pass	
Ts_006	Verify go back URL is successful work	Tc_007	Check of go back to sport page	1.Go back page. 2.Open sport page.	Successful to go back to sport page	As Expected,	Pass	
Ts_007	Verify open new link is successful work	Tc_008	Check of guide page	1.Open new link. 2. Go to guide page. 3. Watch the guide.	Successful to go guide page	As Expected,	Pass	
Ts_008	Verify scroller down page is successful work	Tc_009	Check of go down on page	1.Open page. 2.Scroll down.	Successful to go down page	As Expected,	Pass	
Ts_009	Verify ways play is successful work	Tc_010	Check of go page	1.After scroller down page. 2.Watch picture of ways play.	Successful to see picture of ways play	As Expected,	Pass	

Ts_010	Verify screen shot is successful work and save	Tc_011	Check of take screenshot	1.Choose picture want. 2.Take screenshot of this picture.	Successful to take screen shot	As Expected,	Pass	
		Tc_012	Check of save in folder	1.Go back to the program. 2.Do refresh of project. 3. Check the new folder name screenshot. 4. Watch save picture.	Successful to save screen shot	As Expected,	Pass	
Ts_011	Verify recorder video all steps are successful work	Tc_013	Check of recorder is work	1.Start recorder first program. 2.Stop recorder in finish program.	Successful to record video all work	As Expected,	Pass	
		Tc_014	Check of recorder is saved	1.Go back to the program. 2.Do refresh of project. 3. Check the new folder. 4. Watch your save video in folder on program.	Successful to record video is saved	As Expected,	Pass	

➢ Automation testing code:

```java
package FirstProject;

import java.io.File;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.Reporter;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class SaportTesting {

        public static String browser = "chrome";

        public static WebDriver driver;

        @Test
        public  void Sport() throws Exception {

                ScreenRecorderUtil.startRecord("main");

                Reporter.log("testing recorder is start and open browser");

                if(browser.equalsIgnoreCase("firefox"))

                {

                        WebDriverManager.firefoxdriver().setup();

                         driver = new FirefoxDriver();

                }
                else if(browser.equalsIgnoreCase("chrome"))

                {

                        WebDriverManager.chromedriver().setup();

                        driver = new ChromeDriver();
```

```java
		}

		else if(browser.equalsIgnoreCase("edge"))

		{

				WebDriverManager.edgedriver().setup();

				driver = new EdgeDriver();

		}

	JavascriptExecutor js = (JavascriptExecutor)driver;

			driver.get("https://discover.sportsengineplay.com/");

			driver.manage().window().maximize();

			driver.findElement(By.xpath("//*[@id=\"se-primary-navigation\"]/li[1]/span")).click();

			Thread.sleep(1000);

			driver.findElement(By.xpath("//*[@id=\"se-primary-
navigation\"]/li[1]/div/ul/li[1]/ul/li[2]/a/div/div")).click();

			js.executeScript("window.scrollBy(0,1500)");

			driver.findElement(By.xpath("//*[@id=\"block-sportsengine-
content\"]/article/div/div[2]/div[4]/div/div/div/div[2]/div/div/div[1]/div/a")).click();

			Thread.sleep(1000);

			driver.findElement(By.xpath("//*[@id=\"w-vulcan-v2-42\"]/div[1]/div[3]/div/div[2]/img")).click();

			Thread.sleep(5000);

			driver.navigate().back();

			Thread.sleep(1000);

			js.executeScript("window.scrollBy(0,1000)");

			driver.navigate().to("https://discover.sportsengineplay.com/baseball/new-to-baseball");

			driver.findElement(By.xpath("//*[@id=\"block-sportsengine-
content\"]/article/div[3]/div/div/div[1]/article/div/div/div/div[1]/div/p[8]/a")).click();

			js.executeScript("window.scrollBy(0,3700)");

			File screen = ((TakesScreenshot) driver).getScreenshotAs(OutputType.FILE);

			FileUtils.copyFile(screen, new File(".//screenshotproject/new.png"));

			Reporter.log("testing take picture inside folder");

			Thread.sleep(1000);

			driver.close();

			ScreenRecorderUtil.stopRecord();
```

```
                    Reporter.log("testing recorder is done and close browser");

        }
}
```

Resource & Environment Needs

Testing Tools

Make a list of Tools like

- Requirements Tracking Tool (Jira).
- Bug Tracking Tool (Jira, GitHub).
- Automation Tools (Selenium, Maven, TestNG, JMeter).

Test Environment

It mentions the minimum **hardware** requirements that will be used to test the Application.

Following **software's** are required in addition to client-specific software.

- Windows 10 and above
- Office 2018 and above
- Browser (chrome, Firefox, edge).

Terms/Acronyms

Make a mention of any terms or acronyms used in the project

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Test
RTM	Requirement Traceability Matrix