Testing Document

1) INTRODUCTION:

The Purpose of the test plan explains the testing approach that will perform the testing on the planimation project and its related components i.e front end

In This document we will introduce:

Test Management: test management is a process for handling the test and all events which come up during the execution of the test cases

Execution Strategy: it describes how the test has to be performed and the test process to identify the defects and report the defects, and then fix bugs

Test Strategy: The rules of the test is based on the description and process of a valid test case

1.2)Overview

The clients are the researchers in planning models, and they want to create a visualization tool that is used for helping them or other users to provide the visualize sequential solutions of AI planning problems specified in the language PDDL.

1.3 Audience:

The team members have performed these tasks and have provided recommendations for this task.

2)TEST STRATEGIES:

2.1)Objective:

The objective of the tests is to verify the functionality of planimation based on the specifications.

The final product developed by the team includes A software ready and test cases that can be reused later for user acceptance testing and functional testing.

2.2) FUNCTIONAL TESTING:

The tester will perform functional testing based on the development team providing the planimation part which is retrieving the visualization part and it will be assumed that the website is working correctly if the integrated version shows correct information then it can be assumed that the database is functioning correctly.

pre-integration Functional test

PURPOSE: The Main purpose of this test is to ensure that defects has been removed before the integration of the module into the website.

METHOD: The tests will be conducted based on the Functional test cases

SCOPE: Pddl animation Module

TESTERS: Qa Lead

Post-integration functional Test

PURPOSE: The Main purpose of this test is to ensure that defects have been removed after the integration of the module into the website.

METHOD: The tests will be conducted based on the Functional test cases

Scope: integrated animation part in Front end

TESTERS: Qa Lead

DELIVERABLES

No	Deliverable Name	Writer	Reviewer
1.	Test Plan	Qa lead	Scrum master
2.	Functional Test Cases	Qa lead	Scrum master/ product owner
4.	Test report	Qa Lead	Scrum master

Table: Test deliverables

User Acceptance Test

PURPOSE: the purpose of the test is based on business logic. Which allows the end-users to final review before system deployment.

TESTERS: the user acceptance test will be performed by the client

TIMING: once all levels of testing are finished..

REVIEWS:

Formal Reviews

1)Before the release document to a client, the quality assurance team has to review the document based on the list generated by the team.

2)The Quality Assurance team has to l ensure that the required changes to documents have been made and documents are ready by the end date.

Design Walk-throughs

Quality assurance and the team have to carry out the design walk-through in order to encourage the peer reviews of design that has been verified in order to ensure all action items have been addressed.

Code Walk-throughs

The quality assurance team has to ensure the at least one member of the team conducts code walk-throughs in order to ensure that a peer review has been for the underlying code.

Defect Tracking