

Thomasian IT Group

[Student Performance Tracker]

Unit Test Plan Document
Version 1.1

Introduction

This document is used to define the details of the unit test plan. Once the test plan is outlined, the document must be reviewed and approved by the lead technical representative on the project as well as the lead business representative on the project. If anything related to the test plan changes during the execution and testing phase of the project, this document should be updated and re-approved by both parties.

Test Scope

This test plan will test all the requirements for System A release 1.1 with the exception of all requirement, which will be tested by the design-15 team for testing reasons. This Test Plan covers unit testing, which will be performed by Suman Guchait. It will not include Acceptance, Integration and System testing.

Test Features

<u>BR #</u>	<u>Feature</u>	<u>Responsible party or groups</u>
<i>1</i>	<i>Pre-Clean (incorporate Worksite's version)</i>	<i>IT</i>
<i>2</i>	<i>List Bills (incorporate Worksite standards)</i>	<i>IT, A/P Director</i>
<i>3</i>	<i>Direct Bills (incorporate Worksite standards)</i>	<i>IT, A/P Director</i>
<i>4</i>	<i>Dynamics (to incorporate the FTP piece to the Austin server for Sarbanes Oxley)</i>	<i>IT, Controller</i>

Test Inputs/Outputs

<u>Inputs</u>	<u>Outputs</u>
<i>Business Requirement Specifications</i>	<i>Test Results</i>
	<i>Defect Log</i>
	<i>Issues Log</i>
	<i>Change Request Log</i>

Test Strategy

<u>Test Type</u>	<u>Description</u>	<u>Comment</u>
login	<i>Checking login functionality properly work or not</i>	Passed
Attendance request	<i>Show the attendance %</i>	Passed
Attendance input	<i>Insert attendance details</i>	Passed
Result input	<i>Insert some result details</i>	Passed
Result output	<i>Show the result</i>	Passed

Test Environment (tools, system, databases)

<u>Tools</u>	<u>Description</u>	<u>Version</u>
WampServer	Web server solution	3.2.0
HTML	Frontend language	4.0.1
Sublime Text	Text Editor	3.2
PHP	Backend Language	7.2
CSS	Styles the HTML	4.15
<u>System</u>		
Test System	C-15	
Design Lab	2nd floor	
<u>Database</u>		
stcet_db	Test database	
spt	Product database	

Test Roles and Responsibilities

<u>Resource</u>	<u>Role</u>	<u>Responsibility</u>
Suman Guchait	Test Manager/Project Manager	<ul style="list-style-type: none"> Provides technical direction. Acquires testing resources. Assigns tasks to testing resources. Communicates test results to management.
Anweswa Chakraborty	Test Designer	<ul style="list-style-type: none"> Documents test plan. Identifies, documents and prioritizes test cases. Evaluates effectiveness of test effort.
Swarnava Chakraborty, Samir Jana	Tester	<ul style="list-style-type: none"> Executes test cases, logs defects, and documents test results.
Sandipan Hatai	Test System Administrator	<ul style="list-style-type: none"> Ensures test environment and assets are installed, managed and maintained. Includes administration of testing ids.

Test Milestones

<u>Task</u>	<u>Milestone Date</u>
<i>Setup Test Environment</i>	<i>28/02/21</i>
<i>Testing for Module A</i>	<i>20/03/21</i>
<i>Testing for Module B</i>	<i>15/04/21</i>
<i>Testing for Module C</i>	<i>10/05/21</i>
<i>Testing for Module D</i>	<i>25/05/21</i>
<i>Complete Unit Testing</i>	<i>20/06/21</i>

Document Approval

The signatures below acknowledge that the test plan outlined above is complete and accurate. Upon receiving written approval, the project team will proceed to the next step of the project.

If anything changes during the execution of the project, the test plan will be updated and re-approved accordingly.

Approved by: Printed name	Approved by: Title	Approved By: Signature/Date
	Business Representative	
	IT Representative	