



# Project eSpire

Project eSpire Functional Test Plan for Milestone A v1.0

Date of Issue: 8<sup>th</sup> July 2011

Project eSpire

Functional Test Plan Milestone A v1.0

Version No.	Affected Page	Reason for change	Effective Date
1.0	New Document	NA	7 <sup>th</sup> July 2011

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## 1. Objective

This test plan outlines the functionality test and its details that will be performed on eSpire project during the User Acceptance Test (UAT) for milestone A. The objective of this test is to ensure that:

- ✓ Functionalities in the specifications are met
- ✓ Integration between the different modules of all the systems works together correctly; and
- ✓ Integration between all the systems and interfaces, both internally and externally, works together as expected

## 2. Scope

The following describes the UAT scope for milestone A.

### 2.1 Introduction

In Milestone A, all 3 system applications which collectively called eSpire project will be involved in UAT.

### 2.2 In Scope

**Web Portal** – testing of links and the integration with management portal

**Management Portal** – testing of the control functions in the web portal, traffic management module, partial report module, integration with Operations Tracking Application.

**Operation Tracking Application** – testing of user access, station and module configurations, scanning and manual registration

### 2.3 Out of scope

Web portal web pages that are using flash design would not be tested in milestone A. These include the feedback page, flash games, flash personality test and flash smart FAQs. Reporting module will only include test algorithm of partial functionalities. Justifications on exclusion of the entire functionality will be given as part of sign-off for UAT with qualifications.

## 3. Owner's Responsibilities

UAT Test Manager: Chen Junfan

The test manager responsibilities are to ensure the following:

- ✓ The test cases and test environment are properly set up
- ✓ Test agenda and schedule have been laid out clearly before the test
- ✓ Test equipments and test processes are set up

## 4. Abbreviations

The following terms and its intended meaning will be used frequently throughout the UAT.

Acronym	Description
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SIT	System Integration Testing
UAT	User Acceptance Testing
Owner	Person in charge and responsible for assigned tasks

[Please define any specific terms that are used as part of this test plan. This could include terminology from the system / vendor which are new to the Bank. Example Below:]

Term	Definition
White-Box Testing	White Box Testing refers to tests that are run on application with the knowledge of the internal working of the code base.
Black-Box Testing	Black Box Testing refers to tests that are run on application without the knowledge of the internal working of the code base.

## 5. Conventions used

The traffic lights approach will be used to indicate the satisfaction of project sponsor for UAT, baseline against milestone A's UAT.

## 6. References

The following references are made with respect to the UAT test plan.

No.	Document	File name	Remark
1	Project Schedule	eSpire Project Schedule	Baseline against milestone A

## 7. Testing Strategy

### 7.1 Test Approach

#### 7.1.1 Manual Testing Approach

The testing approach includes the following:

- 1) Black box testing techniques would be used. End-users would not be viewing the codes directly. They will be observing how the test cases are run on the user interface of the applications.
- 2) Test cases created to cover functional, interface and end-to-end scenarios.
- 3) The data source for testing to be created manually.
- 4) Performance testing will also be created for Operations Tracking Application.
- 5) Two cycles (if necessary) of UAT for milestone A will be completed by 11<sup>th</sup> July

## 8. Testing Preparations

### 8.1 Test Data Requirements

There will be 2 sets of data used throughout the entire UAT. The first set of data is created based on the access rights of a user manager in the management portal and an administrator in the operations tracking device. The second set of the data is created based on the access rights of a user in the management portal and a facilitator in the operations tracking application.

### 8.2 Test Environment

The UAT will be completed in 2 phases for milestone A. The first phase of testing will be conducted internally at UPL lab with our assigned school server. Subsequently, phase 2 testing will be conducted at Sanctuary House's server for deployment and trial.

### 8.3 Testing Logistics

The logistics required for testing are listed as follows:

Logistic requirement	Quantity	Location	Duration
Server	1	UPL/Sanctuary House	2
test cases	1	UPL/Sanctuary House	2
Android device	1	UPL/Sanctuary House	2
Internet connection	1	UPL/Sanctuary House	2

Note: The logistic covers only for the period of testing.

### 8.4 Testing Criteria

The following describes the different level of testing criteria recorded and classified during the UAT.

SIR Severity Level	Description	Expected Turn Around time
0-Show stopper	Defect that results in a system or critical business function failure, without alternative workaround #	Resolved Within 48 hours, recorded in bug log
1-Major	Defect that results in a system or critical business function failure, with alternative workaround #	Resolved Within 72 hours, recorded in bug log
2-Minor	Defect that results an impact on system usage of non critical business function, with alternative workaround	To be recorded in bug log and resolved by next UAT
3-Cosmetic/Trivial	Defect that is cosmetic and have low or no	To be recorded

	impact to system usage	in bug log and resolved by next UAT
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## 9. Testing Schedule

The testing schedules are as follows:

8 <sup>th</sup> July 2011, Friday			
Time	Activities	Location	Remarks
19:00 hrs	Pre-test briefing	Sanctuary House	
19:30 hrs	Functional Test – Web Portal	Sanctuary House	
20:00 hrs	Functional Test – Management Portal	Sanctuary House	
21:00 hrs	Functional and performance Test – Operations Tracking Application	Sanctuary House	

## 10. Testing Deliverables

The following are the testing deliverables for the user acceptance testing on milestone A.

Test	Deliverables
User Acceptance Test	UAT Test pack : <ul style="list-style-type: none"> <li>• UAT Test cases and test results.</li> <li>• UAT Test data.</li> <li>• UAT Test plan.</li> <li>• UAT Test report</li> <li>• UAT test signoff</li> </ul> Defect log

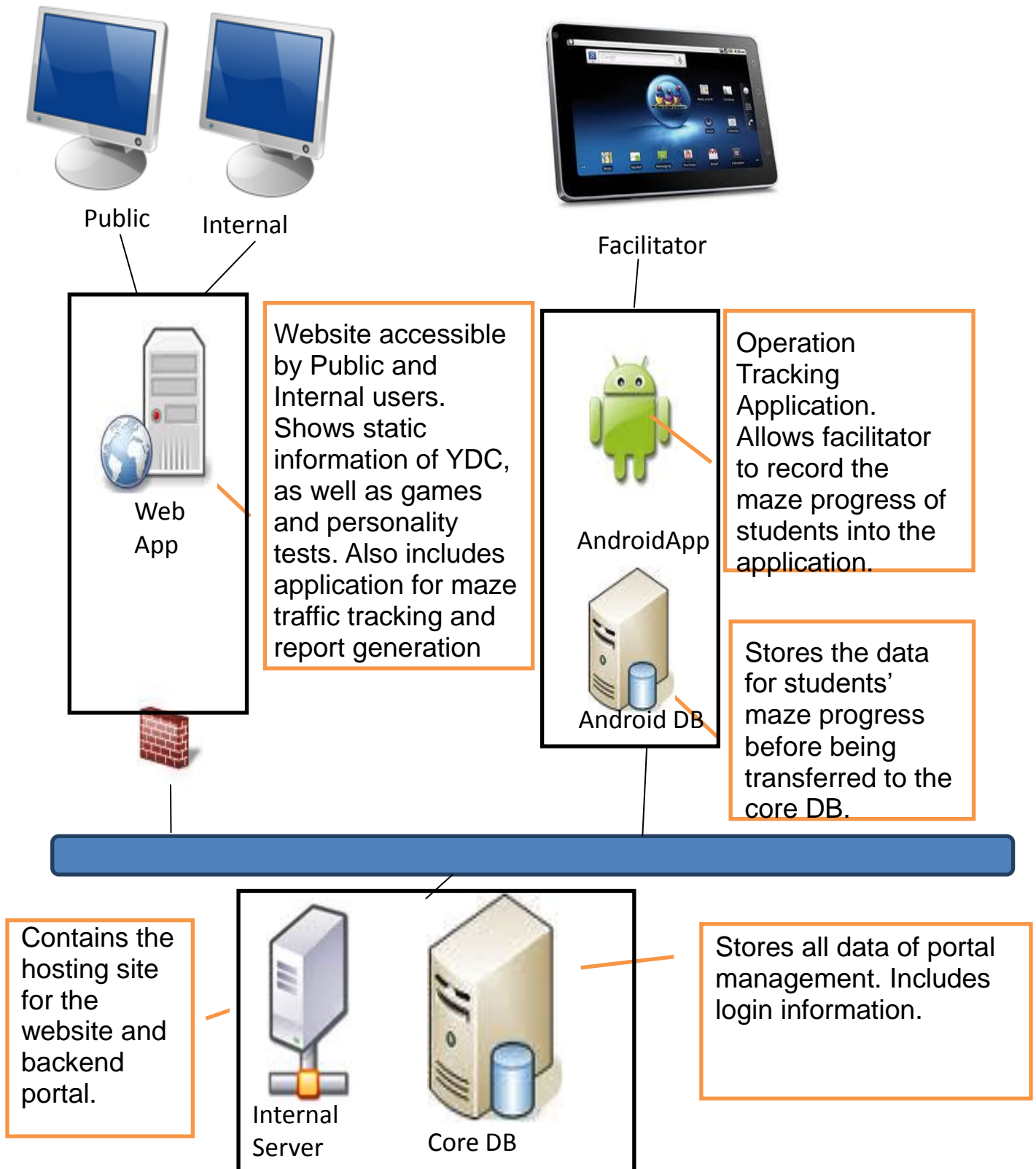
## 11. Test Assumptions / Dependencies

The test assumes that there at any one time maximum of 20 people using the android application, connecting to the back-end server. Performance testing will therefore be stimulating such a assumed business scenario.

The procurement of android device is the biggest dependency as the devices are critical to

perform the actual testing for functional and integration testing. In the event that the devices are unable to reach in time, the test might be postponed or be subjected to testing on a stimulated version running on the web server.

## 12. Architecture Diagram





## Test Cases Milestone A

**Pre-configuration:**

1. User admin with all access rights (UserID: admin, password: 123)
2. User test with no access rights (UserID: test, password:qwe)
3. Project sample (Project Name: Sample, Project Description: Sample, Project Status: Current)
4. Photo sample (Project Name: Sample, Picture: <any image>)



**UAT1-001 to UAT1-006 – FrontEnd System**

<b>Test Case ID:</b>	UAT1-001
<b>Test Scenario:</b>	<u>Search within website</u> User to be able to use the search box to search for links within the website
<b>Test Outcome:</b>	1. User will see search results based on his search if successful 2. User will see a message if no search results has been found
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch the YDC Web Portal 2. Click on the search box at the top right corner of the website 3. Enter “our team” into search box	Search results should consist a link to “our team” page
4. Click on the search box at the top right corner of the website 5. Enter “random” into search box	A message should be displayed indicating “No search results found”

<b>Test Case ID:</b>	UAT1-002	
<b>Test Scenario:</b>	<u>View "Who We Are"</u> User to view static information of "Our Team" and "Our Partners" within the website	
<b>Test Outcome:</b>	1. User will see static information of YDC's team 2. User will see the photos and short description of the YDC team 3. User will see static information of YDC's partners	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	Static Information of YDC's team displayed	
2. Click on "Our Team" located in the left menu bar		
3. Click on "Team Photo Here!" located at the bottom of the right panel	Team profile page shown. Individual roles and pictures displayed	
4. Click on "Our Partners" located in the left menu bar	Static information of YDC's partners displayed	

<b>Test Case ID:</b>	UAT1-003
<b>Test Scenario:</b>	<u>View "What We Do"</u> User to view static information of "Current Projects", "Past Projects" and "Photos" of YDC
<b>Test Outcome:</b>	<ol style="list-style-type: none"> <li>1. User will see information on current projects embarked by YDC</li> <li>2. User will see information on past projects completed by YDC</li> <li>3. User will see photos of current/past implementations of projects by YDC</li> </ol>
<b>Test Procedures</b>	<b>Expected Results</b>
<ol style="list-style-type: none"> <li>1. Launch YDC Web Portal</li> <li>2. Click on "What We Do" located in the left menu bar</li> <li>3. Click on "Current Projects" located in the left menu bar</li> </ol>	Static Information of YDC's current projects will be displayed
<ol style="list-style-type: none"> <li>4. Click on "Past Projects" located in the left menu bar</li> </ol>	Static information of YDC's past projects will be displayed
<ol style="list-style-type: none"> <li>5. Click on "Photos" located in the left menu bar.</li> </ol>	Photos of YDC's past and current photos will be displayed

<b>Test Case ID:</b>	UAT1-004
<b>Test Scenario:</b>	<u>View "Know About Yourself"</u> User to be able to access games, psychological test and to post a question when in doubt.
<b>Test Outcome:</b>	<ol style="list-style-type: none"> <li>1. User will be able to play flash games</li> <li>2. User will be able to do a psychological test</li> <li>3. User will be able to search for help</li> <li>4. User will be able to post a question if searching is unsuccessful</li> </ol>
<b>Test Procedures</b>	<b>Expected Results</b>
<ol style="list-style-type: none"> <li>1. Launch YDC Web Portal</li> <li>2. Click on "Know About Yourself" located in the left menu bar</li> <li>3. Click on "Games" located in the left menu bar</li> </ol>	Flash game displayed, User able to play the game within the website
<ol style="list-style-type: none"> <li>4. Click on "Psychological Test" located in the left menu bar</li> </ol>	Psychological test displayed. User able to do psychological test within the website
<ol style="list-style-type: none"> <li>5. Click on "Post A Question" located in the left menu bar</li> <li>6. Enter "help" into search box located in right panel</li> </ol>	Questions which have been tagged as "help" will be displayed, together with the corresponding answer
<ol style="list-style-type: none"> <li>7. Click on "Post A Question" located in the left menu bar</li> <li>8. Enter "abc" into search bar located in right panel</li> </ol>	User is redirected to a form page where he/she can post his question to the webmaster

<b>Test Case ID:</b>	UAT1-005	
<b>Test Scenario:</b>	<u>View "Be Part Of Us"</u> User to be able to contact YDC for recruitment and donate to YDC to support YDC's cause	
<b>Test Outcome:</b>	1. User will be able to email YDC to join them 2. User will be able to donate to YDC via cheque	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	Static information on how user can join YDC displayed	
2. Click on "Be Part Of Us" located in the left menu bar		
3. Click on "Support Us" located in the left menu bar	Static information on how user can donate to YDC displayed	

<b>Test Case ID:</b>	UAT1-006	
<b>Test Scenario:</b>	<u>View "Contact Us"</u> User to be able to post feedback and access YDC contact information	
<b>Test Outcome:</b>	1. User will be able to post and send feedback to YDC 2. User will be able to access YDC contact information	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal 2. Click on "Contact us" located in the left menu bar 3. Click on "Feedback" located in the left menu bar	Static information on feedback page will be shown	
4. Click on "Contact Information" located in the left menu bar	Static information on how user can contact YDC will be shown	

**UAT1-007 to UAT1-009 – BackEnd System(General)**

<b>Test Case ID:</b>	UAT1-007
<b>Test Scenario:</b>	<u>Login</u> User to be able to log into backend portal. If credentials are not valid, user will be denied access to backend system.
<b>Test Outcome:</b>	1. User will be able to access backend portal using authorized username and password
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;pehwei&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	Error message is displayed indicating “Login Failed!”
5. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;pehweikiat&gt;</li><li>• Password: &lt;1234567&gt;</li></ul> 6. Click on “Login” button	Error message is displayed indicating “Login Failed!”
7. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 8. Click on “Login” button	The backend home page is displayed showing the “Administration” page

<b>Test Case ID:</b>	UAT1-008	
<b>Test Scenario:</b>	<u>Validate Login Status</u> User to be able to access backend portal via URL based on his/her login status	
<b>Test Outcome:</b>	1. If user is logged in, he/she is allowed to access other pages in the backend portal via URL 2. If user has not been logged in, he/she will be redirected back to the front end website	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal 2. Enter the following into the address bar: <ul style="list-style-type: none"> <li>• http://localhost/ydc/administration.php</li> </ul>	User will be redirected back to the index page of the front end website	
3. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up	
4. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 5. Click on "Login" button	The backend "Administration" page is displayed	
6. Enter the following into the address bar: <ul style="list-style-type: none"> <li>• http://localhost/ydc/administration.php</li> </ul>	User will remain on the same page	



<b>Test Case ID:</b>	UAT1-009	
<b>Test Scenario:</b>	<u>Logout</u> User to be able to log out of backend portal	
<b>Test Outcome:</b>	1. User will be able to log out from backend portal, and be redirected to frontend website	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "Logout" button located on the top menu	User will be redirected to the index page of the front end website	

**UAT1-010 to UAT1-013 – BackEnd System(User Management)**

<b>Test Case ID:</b>	UAT1-010
<b>Test Scenario:</b>	<u>Add User</u> User is able to add new users to backend portal
<b>Test Outcome:</b>	1. User will be able to add new users into the system. Confirmation message to be displayed if successful. 2. If unsuccessful, error message will be displayed
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	The backend “Administration” page is displayed
5. Click on “Add New User” located on left menu bar	A form “Add New User” will appear on the right panel of the portal
6. Enter the following into the fields: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;abc&gt;</li><li>• Confirmed Password: &lt;abc&gt;</li></ul> 7. Click on “Add New User” button	Error message will be displayed “UserID admin has been already exist in the database”
8. Enter the following into the fields:	Error message will be displayed “Both password entered does not match”

<ul style="list-style-type: none"><li>• UserID: &lt;pehweikiat&gt;</li><li>• Password: &lt;123&gt;</li><li>• Confirmed Password: &lt;abc&gt;</li></ul> <p>9. Click on "Add New User" button</p>	
<p>10. Enter the following into the fields:</p> <ul style="list-style-type: none"><li>• UserID: &lt;pehweikiat&gt;</li><li>• Password: &lt;123&gt;</li><li>• Confirmed Password: &lt;123&gt;</li></ul> <p>11. Click on "Add New User" button</p>	<p>Message will be displayed "User pehweikiat has been added successfully"</p>

<b>Test Case ID:</b>	UAT1-011
<b>Test Scenario:</b>	<u>Grant Access Right</u> User is able to grant access rights to other users
<b>Test Outcome:</b>	1. User to grant access rights to own/other user. If successful, success message will be displayed 2. If unsuccessful, error message will be displayed
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;admin&gt;</li> <li>Password: &lt;123&gt;</li> </ul> 4. Click on "Login" button	The backend "Administration" page is displayed
5. Click on "Manage ACL" located on left menu bar	A "Search User" form will appear on the right panel
6. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;test1234&gt;</li> </ul> 7. Click on the "Search User" button	Error message is displayed
8. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;test&gt;</li> </ul> 9. Click on the "Search User" button	The access control list for "User: test" is listed
10. Click the "Green Tick" button under the column for	Message "Permission has been granted successfully" will be displayed

"Student Management"	
11. Click the "Logout" button located on the top menu	User will be redirected to the frontend website
12. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up
13. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;test&gt;</li><li>• Password: &lt;qwe&gt;</li></ul> 14. Click on "Login" button	The backend "Administration" page is displayed with 3 sub-menu in the left menu bar ("Add Student", "Generate QR Code" and "Change Password")

<b>Test Case ID:</b>	UAT1-012	
<b>Test Scenario:</b>	<u>Change Password</u> User is able to change his/her password	
<b>Test Outcome:</b>	1. User's password will be changed. 2. If unsuccessful, error message will be displayed	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal 2. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 4. Click on "Login" button	The backend "Administration" page is displayed	
5. Click on "Change Password" located on left menu bar	An "Edit User" form will appear on the right panel	
6. Enter the following: <ul style="list-style-type: none"> <li>• Old Password: &lt;1234&gt;</li> <li>• New Password: &lt;123&gt;</li> <li>• Confirm New Password: &lt;123&gt;</li> </ul> 7. Click on the "Change Password" button	Error message "Old password entered is incorrect" is displayed	
8. Enter the following:	Error message is displayed	

<ul style="list-style-type: none"><li>• Old Password: &lt;123&gt;</li><li>• New Password: &lt;1234&gt;</li><li>• Confirm New Password: &lt;123&gt;</li></ul> <p>9. Click on the “Change Password” button</p>	
<p>10. Enter the following:</p> <ul style="list-style-type: none"><li>• Old Password: &lt;123&gt;</li><li>• New Password: &lt;1234&gt;</li><li>• Confirm New Password: &lt;1234&gt;</li></ul> <p>11. Click on the “Change Password” button</p>	<p>Message “Password changed successfully” will be displayed</p>

<b>Test Case ID:</b>	UAT1-013	
<b>Test Scenario:</b>	<u>Delete User</u> User is able to delete other users	
<b>Test Outcome:</b>	1. Targeted user will be deleted	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "List User" located on left menu bar	All users in the database will be listed, with the option to delete the user	
6. Click on "Delete" for user <test>	Prompt box with message "Are you sure you want to delete?" will be displayed	
7. Click on "OK" within the prompt box	Message "UserID test has been deleted successfully" will be displayed	



**UAT1-014 to UAT1-017 – BackEnd System(Project Management)**

<b>Test Case ID:</b>	UAT1-014
<b>Test Scenario:</b>	<u>Add New Project</u> User is able to add new project descriptions in the database
<b>Test Outcome:</b>	1. Description of new project will be stored in the database
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	The backend “Administration” page is displayed
5. Click on “Add New Project” located on left menu bar	A form “Add New Project” will appear on the right panel of the portal
6. Enter the following into the fields: <ul style="list-style-type: none"><li>• Project Name: &lt;Project Node&gt;</li><li>• Project Description: &lt;A new project with implementation on 11 July&gt;</li><li>• Project Status: &lt;Current Project&gt;</li><li>• Upload Picture: &lt; &gt;</li></ul>	Error message will be displayed “Sorry, there was a problem adding the project”

<p>7. Enter the following into the fields:</p> <ul style="list-style-type: none"><li>• Project Name: &lt;Project Node&gt;</li><li>• Project Description: &lt;A new project with implementation on 11 July&gt;</li><li>• Project Status: &lt;Current Project&gt;</li><li>• Upload Picture: &lt; any photo&gt;</li></ul>	<p>Message will be displayed “The project has been added successfully”</p>
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<b>Test Case ID:</b>	UAT1-015	
<b>Test Scenario:</b>	<u>View Project</u> User is able to view descriptions of projects in the database	
<b>Test Outcome:</b>	1. List of projects displayed	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "List Project" located on left menu bar	A list of "Current Projects" and "Past Projects" will be displayed	
6. Click on "View" for Project Name: "Sample"	Details of project "Sample" shown. Project Name: Sample Project Description: Sample Project Status: Current Project Picture: <picture>	

<b>Test Case ID:</b>	UAT1-016	
<b>Test Scenario:</b>	<u>Edit Project</u> User is able to edit descriptions of projects and save changes in the database	
<b>Test Outcome:</b>	1. Description of targeted project edited	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "List Project" located on left menu bar	A list of "Current Projects" and "Past Projects" will be displayed	
6. Click on "Edit" for Project Name: "Sample"	Details of project "Sample" shown. Project Name: Sample Project Description: Sample Project Status: Current Project Picture: <picture>	
7. Change Project Status to "Past Project"	Message "The project has been saved successfully" will be displayed	
8. Click on "Save Project" button		
9. Click on "List Project" located on left menu bar	Project Name: "Sample" will now be listed under the "Past Project" table	

<b>Test Case ID:</b>	UAT1-017	
<b>Test Scenario:</b>	<u>Delete Project</u> User is able to delete projects and save changes in the database	
<b>Test Outcome:</b>	1. Targeted project deleted	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "List Project" located on left menu bar	A list of "Current Projects" and "Past Projects" will be displayed	
6. Click on "Delete" for Project Name: "Sample"	Prompt box "Are you sure you want to delete?" will be displayed	
7. Click "OK" in prompt box	Message "The project has been deleted successfully" will be displayed	

**UAT1-018 to UAT1-020 – BackEnd System(Photo Management)**

<b>Test Case ID:</b>	UAT1-018
<b>Test Scenario:</b>	<u>Add New Photo</u> User is able to add new photo tagged to a specific project name
<b>Test Outcome:</b>	1. Photo will be added to database
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	The backend “Administration” page is displayed
5. Click on “Add New Photo” located on left menu bar	A form “Add New Photo” will appear on the right panel of the portal
6. Enter the following into the fields: <ul style="list-style-type: none"><li>• Project Name: &lt;Project Node&gt;</li><li>• Upload Picture: &lt; &gt;</li></ul> 7. Click on “Add New Photo” button	Error message will be displayed “Sorry, there was a problem adding the photo”
8. Enter the following into the fields: <ul style="list-style-type: none"><li>• Project Name: &lt;Project Node&gt;</li><li>• Upload Picture: &lt; any photo&gt;</li></ul>	Message will be displayed “The photo has been added successfully”

9. Click on "Add New Photo" button

<b>Test Case ID:</b>	UAT1-019	
<b>Test Scenario:</b>	<u>View Photo</u> User is able to view photos of all projects	
<b>Test Outcome:</b>	1. List of photos in database will be displayed	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on "Employee Login" located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed	
4. Click on "Login" button		
5. Click on "List Photo" located on left menu bar	A list of all photos in the database will be displayed	
6. Click on "View" for photo with project name "sample"	An enlarged image of the photo will be shown	



<b>Test Case ID:</b>	UAT1-020	
<b>Test Scenario:</b>	<u>Delete Photo</u> User is able to delete targeted photo from database	
<b>Test Outcome:</b>	1. Targeted photo will be deleted	
<b>Test Procedures</b>	<b>Expected Results</b>	
7. Launch YDC Web Portal	The login dialog box will pop up	
8. Click on "Employee Login" located on bottom right corner of website		
9. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 10. Click on "Login" button	The backend "Administration" page is displayed	
11. Click on "List Photo" located on left menu bar	A list of all photos in the database will be displayed	
12. Click on "View" for photo with project name "sample"	An enlarged image of the photo will be shown	

**UAT1-021 to UAT1-022 – BackEnd System(Student Management)**

<b>Test Case ID:</b>	UAT1-021
<b>Test Scenario:</b>	<u>Add Individual Student</u> User is able to add individual student in existing or new database
<b>Test Outcome:</b>	1. If existing database in chosen, student will be added in targeted database 2. If new database is chosen, a new database schema will be created in the database and student will be added in the targeted database
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	The backend “Administration” page is displayed
5. Click on “Add Student” located on left menu bar	A form “Select Database” will appear on the right panel of the portal
6. Enter the following into the fields under “Create New Database”: <ul style="list-style-type: none"><li>• School Name: &lt;SMU&gt;</li><li>• Implementation Date: &lt;310611 &gt;</li></ul> 7. Click on “Create Database” button	“Add Student” form will appear on the right panel.

<p>8. Enter the following into the fields under “Add Individual Student”:</p> <ul style="list-style-type: none"> <li>• Class: &lt;1A&gt;</li> <li>• Register No: &lt; 12&gt;</li> <li>• Name: &lt;Andy&gt;</li> <li>• School:&lt;SMU&gt;</li> </ul> <p>9. Click on “Add Individual Student” button</p>	<p>Message will be displayed “Student Andy has been added successfully”</p>
<p>10. Select the following under “Select Existing Database:</p> <ul style="list-style-type: none"> <li>• Database Name: &lt;SMU310611&gt;</li> </ul> <p>11. Click on “Select Database” button</p>	<p>“Add Student” form will appear on the right panel.</p>
<p>12. Enter the following into the fields under “Add Individual Student”:</p> <ul style="list-style-type: none"> <li>• Class: &lt;1A&gt;</li> <li>• Register No: &lt; 12&gt;</li> <li>• Name: &lt;Andy&gt;</li> <li>• School:&lt;SMU&gt;</li> </ul> <p>13. Click on “Add Individual Student” button</p>	<p>Message will be displayed “Andy not added in database”</p>
<p>14. Select the following under “Select Existing Database:</p> <ul style="list-style-type: none"> <li>• Database Name: &lt;SMU310611&gt;</li> </ul> <p>15. Click on “Select Database” button</p>	<p>“Add Student” form will appear on the right panel.</p>

<p>16. Enter the following into the fields under “Add Individual Student”:</p> <ul style="list-style-type: none"><li>• Class: &lt;1A&gt;</li><li>• Register No: &lt; 21&gt;</li><li>• Name: &lt;Bill&gt;</li><li>• School:&lt;SMU&gt;</li></ul> <p>17. Click on “Add Individual Student” button</p>	<p>Message will be displayed “Student Bill has been added successfully”</p>
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<b>Test Case ID:</b>	UAT1-022
<b>Test Scenario:</b>	<u>Add Student In Bulk</u> User is able to add student from csv file in existing or new database
<b>Test Outcome:</b>	1. If existing database is chosen, students will be added in targeted database 2. If new database is chosen, a new database schema will be created in the database and students will be added in the targeted database
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 4. Click on "Login" button	The backend "Administration" page is displayed
5. Click on "Add Student" located on left menu bar	A form "Select Database" will appear on the right panel of the portal
6. Enter the following into the fields under "Create New Database": <ul style="list-style-type: none"> <li>• School Name: &lt;SMU&gt;</li> <li>• Implementation Date: &lt;310611 &gt;</li> </ul> 7. Click on "Create Database" button	"Add Student" form will appear on the right panel.
8. Enter the following into the fields under "Add Student In Bulk":	Message will be displayed "Only CSV files are allowed"

<ul style="list-style-type: none"> <li>• Filename: &lt;any random file&gt;</li> </ul> <p>9. Click on “Add Student In Bulk” button</p>	
<p>10. Select the following under “Select Existing Database:</p> <ul style="list-style-type: none"> <li>• Database Name: &lt;SMU310611&gt;</li> </ul> <p>11. Click on “Select Database” button</p>	<p>“Add Student” form will appear on the right panel.</p>
<p>12. Enter the following into the fields under “Add Student In Bulk”:</p> <ul style="list-style-type: none"> <li>• Filename: &lt;test.csv&gt;</li> </ul> <p>13. Click on “Add Student In Bulk” button</p>	<p>Message will be displayed “All students have been added successfully”</p>
<p>14. Select the following under “Select Existing Database:</p> <ul style="list-style-type: none"> <li>• Database Name: &lt;SMU310611&gt;</li> </ul> <p>15. Click on “Select Database” button</p>	<p>“Add Student” form will appear on the right panel.</p>
<p>16. Enter the following into the fields under “Add Student In Bulk”:</p> <ul style="list-style-type: none"> <li>• Filename: &lt;any random file&gt;</li> </ul> <p>17. Click on “Add Student In Bulk” button</p>	<p>Message will be displayed “7 student(s) not added to database”</p>

**UAT1-023 to UAT1-023 – BackEnd System(QR Code Generation)**

<b>Test Case ID:</b>	UAT1-023
<b>Test Scenario:</b>	<u>Generate QR Code</u> User is able to generate QR codes for individual or all students in targeted database
<b>Test Outcome:</b>	1. If student name is chosen, QR code will be generated for targeted student 2. If student name is not chosen, QR code will be generated for all students in targeted database
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on “Employee Login” located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul> 4. Click on “Login” button	The backend “Administration” page is displayed
5. Click on “Generate QR Code” located on left menu bar	A form “Select Existing Database” will appear on the right panel of the portal
6. Select the following under “Select Existing Database: <ul style="list-style-type: none"><li>• Database Name: &lt;SMU310611&gt;</li></ul> 7. Click on “Select Database” button	“Select Student” form will appear on the right panel.
8. Select the following under “Select Existing Database:	PDF file with all student’s QR Code will be displayed.

<ul style="list-style-type: none"><li>• Student Name: &lt;--Select All--&gt;</li></ul> <p>9. Click on "Select Student" button</p>	
<p>10. Select the following under "Select Existing Database:</p> <ul style="list-style-type: none"><li>• Database Name: &lt;SMU310611&gt;</li></ul> <p>11. Click on "Select Database" button</p>	"Select Student" form will appear on the right panel.
<p>12. Enter the following into the fields under "Add Individual Student":</p> <ul style="list-style-type: none"><li>• Student Name: &lt;Bill&gt;</li></ul> <p>13. Click on "Select Student" button</p>	PDF file with Bill's QR Code will be displayed.



**UAT1-024 to UAT1-034 – BackEnd System(Progress Tracking Report)**

<b>Test Case ID:</b>	UAT1-024	
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report</u> User is able to configure the progress tracking report	
<b>Test Outcome:</b>	1. Report is configured	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch YDC Web Portal	The login dialog box will pop up	
2. Click on “Employee Login” located on bottom right corner of website		
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed	
4. Click on “Login” button		
5. Click on “Report” located on top menu bar	Report page will be displayed	
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed	
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed	
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed	
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under	Station 2 configuration page is displayed	

<p>“Question 1” , indicate “Category = Judgement”, points = “10”</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = outlook”, points = “10”</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 40% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click “next”</p>	<p>Station configuration page will be shown</p> <p>Status bar moved to the next component</p>
<p>18. All stations will be listed and user will have to</p>	<p>Output configuration page will be shown</p>

<p>indicate the percentage each station relates to the category.</p> <p>19. Under station 1: indicate 40% for outlook Under station 2: indicate 60% for outlook</p> <p>20. Click “next”</p>	<p>Status bar moved to the next component</p>
<p>21. Select the number of bands for output criteria by using the dropdown box. Click “4”</p> <p>22. Select the criteria of the bands. For node dollars 1<sup>st</sup> band is under 100, 2<sup>nd</sup> band is 101-200, 3<sup>rd</sup> band is 201-300, 4<sup>th</sup> band is 301-400</p> <p>23. Other modules must have band that adds up to 100%</p> <p>24. Write the output for each band</p>	<p>Final configuration page to be shown</p>
<p>25. Click “confirm configuration”</p>	<p>System displays “Implementation successfully configured”</p> <p>Routes back to the configuration main page</p>

<b>Test Case ID:</b>	UAT1-025
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> Validation on category field
<b>Test Outcome:</b>	1. Systems prompts error message for category fields
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = ”, points = “10”	Error message is displayed to ask user to select category

10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10

<b>Test Case ID:</b>	UAT1-026
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> Validation on point field
<b>Test Outcome:</b>	1. Systems prompts error message for points fields
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = “Judgement”,	Error message is displayed to ask user to enter points

points = ""

10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10

<b>Test Case ID:</b>	UAT1-027
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> Validation on point field
<b>Test Outcome:</b>	1. Systems prompts error message for points fields
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = “Judgement”,	Error message is displayed for invalid points format



points = "abc"

10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10

<b>Test Case ID:</b>	UAT1-028
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report - validations</u> User is not able to continue if they do not input percentage for each module under a certain category to equate to 100%
<b>Test Outcome:</b>	1. Error message that the total percentage should add up to 100%
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on "Employee Login" located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed
4. Click on "Login" button	
5. Click on "Report" located on top menu bar	Report page will be displayed
6. Under "Progress Tracking Report" found on the left meuu bar, click "Configuration"	Configuration page will be displayed
7. Click on the dropdown box provided and select the "Implementation name", click "start configuration"	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on "Station1: Factbucks"	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under	Station 2 configuration page is displayed

<p>“Question 1” , indicate “Category = Judgement”, points = “10”</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = outlook”, points = “10”</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 30% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click “next”</p>	<p>Error message that the category does not add to 100%.</p>

<b>Test Case ID:</b>	UAT1-029
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report - validations</u> User is not able to continue if they do not key in numeric value
<b>Test Outcome:</b>	1. Error message that the input format is invalid
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal 2. Click on "Employee Login" located on bottom right corner of website	The login dialog box will pop up
3. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;admin&gt;</li> <li>Password: &lt;123&gt;</li> </ul> 4. Click on "Login" button	The backend "Administration" page is displayed
5. Click on "Report" located on top menu bar	Report page will be displayed
6. Under "Progress Tracking Report" found on the left meuu bar, click "Configuration"	Configuration page will be displayed
7. Click on the dropdown box provided and select the "Implementation name", click "start configuration"	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on "Station1: Factbucks"	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = Judgement",	Station 2 configuration page is displayed

<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate abc for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Error message that the input is invalid</p>

<b>Test Case ID:</b>	UAT1-030
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report - validations</u> User is not able to continue if they do not key in numeric value
<b>Test Outcome:</b>	1. Error message that the input format is invalid
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on "Employee Login" located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;admin&gt;</li> <li>Password: &lt;123&gt;</li> </ul>	The backend "Administration" page is displayed
4. Click on "Login" button	
5. Click on "Report" located on top menu bar	Report page will be displayed
6. Under "Progress Tracking Report" found on the left meuu bar, click "Configuration"	Configuration page will be displayed
7. Click on the dropdown box provided and select the "Implementation name", click "start configuration"	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on "Station1: Factbucks"	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = Judgement",	Station 2 configuration page is displayed

<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate abc for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Error message that the input is invalid</p>

<b>Test Case ID:</b>	UAT1-031
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> User is not able to configure the station that is tagged to the category
<b>Test Outcome:</b>	1. Error message is displayed that all the station must add up to 100% for each category
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>UserID: &lt;admin&gt;</li> <li>Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = Judgement”,	Station 2 configuration page is displayed



<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 40% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Station configuration page will be shown</p> <p>Status bar moved to the next component</p>
<p>18. All stations will be listed and user will have to indicate the percentage each station relates to the</p>	<p>Error message is displayed stating that under a category, all stations must add up to 100%</p>

category.

19. Under station 1: indicate 30% for outlook Under  
station 2: indicate 60% for outlook

20. Click "next"

<b>Test Case ID:</b>	UAT1-032
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> User is not able to configure the station that is tagged to the category
<b>Test Outcome:</b>	1. Error message is displayed that the input is a invalid format
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left meuu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = Judgement”,	Station 2 configuration page is displayed

<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 40% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Station configuration page will be shown</p> <p>Status bar moved to the next component</p>
<p>18. All stations will be listed and user will have to indicate the percentage each station relates to the</p>	<p>Error message is displayed stating that the input is a invalid format.</p>

category.

19. Under station 1: indicate abc for outlook Under  
station 2: indicate 60% for outlook

20. Click "next"

<b>Test Case ID:</b>	UAT1-033
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> User is not able to configure the report when their input format is invalid
<b>Test Outcome:</b>	1. Error message is shown that the input is invalid
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left menu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1” , indicate “Category = Judgement”,	Station 2 configuration page is displayed

<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 40% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Station configuration page will be shown</p> <p>Status bar moved to the next component</p>
<p>18. All stations will be listed and user will have to indicate the percentage each station relates to the</p>	<p>Output configuration page will be shown</p> <p>Status bar moved to the next component</p>

<p>category.</p> <p>19. Under station 1: indicate 40% for outlook Under station 2: indicate 60% for outlook</p> <p>20. Click “next”</p>	
<p>21. Select the number of bands for output criteria by using the dropdown box. Click “4”</p> <p>22. Select the criteria of the bands. For node dollars 1<sup>st</sup> band is under abc, 2<sup>nd</sup> band is 101-200, 3<sup>rd</sup> band is 201-300, 4<sup>th</sup> band is 301-400</p> <p>23. Other modules must have band that adds up to 100%</p> <p>24. Write the output for each band</p>	<p>Error message stating that the input is in invalid format</p>



<b>Test Case ID:</b>	UAT1-034
<b>Test Scenario:</b>	<u>Configure Progress Tracking Report – validations</u> User is not able to configure the report when their input format is invalid
<b>Test Outcome:</b>	1. Error message is shown that the input is invalid
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch YDC Web Portal	The login dialog box will pop up
2. Click on “Employee Login” located on bottom right corner of website	
3. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	The backend “Administration” page is displayed
4. Click on “Login” button	
5. Click on “Report” located on top menu bar	Report page will be displayed
6. Under “Progress Tracking Report” found on the left menu bar, click “Configuration”	Configuration page will be displayed
7. Click on the dropdown box provided and select the “Implementation name”, click “start configuration”	The configuration page for the implementation will be loaded. Information on the station will be displayed
8. Click on “Station1: Factbucks”	Modules within station 1 will be displayed
9. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under “Question 1”, indicate “Category = Judgement”,	Station 2 configuration page is displayed

<p>points = "10"</p> <p>10. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	
<p>11. If modules are tagged to more than 1 category, user would have to specify through the questions which category and the points it holds. Under "Question 1" , indicate "Category = outlook", points = "10"</p> <p>12. If modules is only tagged to one category, user to indicate the points given under the given question/scenario. Indicate points = 10</p>	<p>Category configuration page is shown</p> <p>Status bar moved to the next component</p>
<p>13. For each individual station, various modules will be grouped under their categorized category in the previous step.</p> <p>14. If modules does not apply for that particular category, system should auto grey out</p> <p>15. All modules in the station relating to the individual category should add up to 100%</p> <p>16. Under station 1: module 1 indicate 40% for outlook, module 2 indicate 60% for outlook</p> <p>17. Click "next"</p>	<p>Station configuration page will be shown</p> <p>Status bar moved to the next component</p>
<p>18. All stations will be listed and user will have to indicate the percentage each station relates to the</p>	<p>Output configuration page will be shown</p> <p>Status bar moved to the next component</p>

<p>category.</p> <p>19. Under station 1: indicate 40% for outlook Under station 2: indicate 60% for outlook</p> <p>20. Click “next”</p>	
<p>21. Select the number of bands for output criteria by using the dropdown box. Click “4”</p> <p>22. Select the criteria of the bands. For node dollars 1<sup>st</sup> band is under 100, 2<sup>nd</sup> band is 101-200, 3<sup>rd</sup> band is 201-300, 4<sup>th</sup> band is 301-400</p> <p>23. Other modules must have band that adds up to 100%. Click “abc” into the value field</p> <p>24. Write the output for each band</p>	<p>Error message stating that the input is in invalid format</p>

**UAT1-035 to UAT1-034 – BackEnd System(Operation Tracking Application)**

<b>Test Case ID:</b>	UAT1-035
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is able to login to OTA
<b>Test Outcome:</b>	1. User is login
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul>	Configuration page is shown
3. Click on “Login” button	

<b>Test Case ID:</b>	UAT1-036
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is not able to login
<b>Test Outcome:</b>	1. Error message on failed login is displayed
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admini&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Error message that login is failed is displayed
3. Click on "Login" button	

<b>Test Case ID:</b>	UAT1-037
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is not able to login
<b>Test Outcome:</b>	1. Error message on failed login is displayed
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Error message that login is failed is displayed
3. Click on "Login" button	

<b>Test Case ID:</b>	UAT1-038	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is to add a profile	
<b>Test Outcome:</b>	1. User has added a profile	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on "Login" button		
4. User click "Add Profile"	Add profile page is displayed	
5. User keys in "Life Roller" under profile name	System display message on successful adding of profile	
6. User click "Confirm Profile"		

<b>Test Case ID:</b>	UAT1-039	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is to modify a profile	
<b>Test Outcome:</b>	1. User can modify a profile	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on "Login" button		
4. User click "modify Profile"	Profile page is displayed with all configured stations	
5. User can click "station" and change the modules inside the station	Station with all modifications is saved	
6. Click "Save Station"		



<b>Test Case ID:</b>	UAT1-040	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> User is add station	
<b>Test Outcome:</b>	1. User have successfully add a station	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on "Login" button		
4. User click "modify Profile"	Profile page is displayed with all configured stations	
5. User can click "add station", input the station name and select the modules for the station	Station will be created	
6. Click "Save Station"		

<b>Test Case ID:</b>	UAT1-041
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Validations for creating station
<b>Test Outcome:</b>	1. Error message displayed that there must be value for station name
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click "modify Profile"	Profile page is displayed with all configured stations
5. User can click "add station", input the station name and select the modules for the station	Error message is displayed that the field for station name cannot be empty
6. Click "Save Station"	

<b>Test Case ID:</b>	UAT1-042
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Validations for creating station
<b>Test Outcome:</b>	1. Error message displayed that there must be at least one module selected for a station
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click "modify Profile"	Profile page is displayed with all configured stations
5. User can click "add station", input the station name and select no modules for the station	Error message is displayed that there must be at least one module for a station to be created
6. Click "Save Station"	

<b>Test Case ID:</b>	UAT1-043	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Configuration for modules	
<b>Test Outcome:</b>	1. Modules can be configured	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on "Login" button		
4. User click "modify Profile"	Profile page is displayed with all configured stations	
5. User can click "add station", input the station name and select modules for the station	System is configured	
6. Click on the modules to perform configurations		
7. Option based: configure the questions and the answers		

<b>Test Case ID:</b>	UAT1-044	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Setting a profile active	
<b>Test Outcome:</b>	1. Profile is the active setup	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on "Login" button		
4. User click the selected profile	Profile will be activated	

<b>Test Case ID:</b>	UAT1-045	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Using of module – Node dollars	
<b>Test Outcome:</b>	1. Node dollars can add, subtract, multiply and divide	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on “Login” button		
4. User click the selected profile	Profile will be activated	
5. Click “Node Dollar”	Node dollars module page is displayed	
6. User can see current amount that the user has 7. User can add to the current amount that user has 8. User can subtract the current amount that the user has 9. User can multiply the current amount that the user has 10. User can divide the current amount that the user has	System performed the necessary transaction and record the current amount	

11. * Database to track how much the user spent/earned in each individual station	
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<b>Test Case ID:</b>	UAT1-046	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Using of module – Option based	
<b>Test Outcome:</b>	1. Option based can select and record the answers	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed	
3. Click on “Login” button		
4. User click the selected profile	Profile will be activated	
5. Click “Option based”	Option based module page is displayed	
6. User can select the answers to the questions that are posted	System displayed the next page	
7. Click “next”		
8. * Database to track what category and answers did the question provide to the question		



<b>Test Case ID:</b>	UAT1-047	
<b>Test Scenario:</b>	<u>Operation Tracking Application</u> Using of module – Comments with level group	
<b>Test Outcome:</b>	1. user is able to enter comments using the module	
<b>Test Procedures</b>	<b>Expected Results</b>	
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed	
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 3. Click on “Login” button	Configuration page is displayed	
4. User click the selected profile	Profile will be activated	
5. Click “Comment”	Comment module page is displayed	
6. Enter the comments and select the category: Judgement, Outlook or Depth of thinking 7. After which user to allocate the points given to the answers typed in the comment field 8. Click “submit” 9. * Database to track how much the user spent/earned in each individual station	System record the comment and points allocated.	

<b>Test Case ID:</b>	UAT1-048
<b>Test Scenario:</b>	Operation Tracking Application User is able to scan a QR code
<b>Test Outcome:</b>	1. user is able to scan a QR code and retrieve its profile
<b>Test Procedures</b>	<b>Expected Results</b>
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click "scan user"	The scanning page will be displayed
6. Scan and make sure that the QR code is in the frame shown	System will show the contents of the QR code in plaintext and check if user is in backend database. Shows authentication successful

Test Case ID:	UAT1-049
Test Scenario:	Operation Tracking Application User does not exist in database
Test Outcome:	1. user is not able to establish a connection with the database
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click "scan user"	The scanning page will be displayed
6. Scan and make sure that the QR code is in the frame shown	System will show the contents of the QR code in plaintext and check if the user is in the backend database. System displays authentication failure
7. User has to perform manual registration	

Test Case ID:	UAT1-050
Test Scenario:	Operation Tracking Application User can set the alarm function
Test Outcome:	1. User is able to set and trigger the alarm function
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click "Alarm"	The set alarm page will be displayed
6. User choose the alarm time limit and click start	Alarm function triggered and timing starts counting down Alarm pop up when time is up

Test Case ID:	UAT1-051
Test Scenario:	Operation Tracking Application - validations Validate if user have entered required fields for alarm function
Test Outcome:	1. User must enter all fields
Test Procedures	Expected Results
7. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
8. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul> 9. Click on "Login" button	Configuration page is displayed
10. User click the selected profile	Profile will be activated
11. Click "Alarm"	The set alarm page will be displayed
12. User click start	Error message displayed to ask user to select timing for countdown

Test Case ID:	UAT1-052
Test Scenario:	Operation Tracking Application Group and individual students
Test Outcome:	1. User is able to group a set of students and separate them individually
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click one of the station and select the any module	The information should be added into all students selected
6. Select group students	
7. Add information into the module	
8. Select individual student	The information should only be captured with the student selected
9. Enter information module	

Test Case ID:	UAT1-053
Test Scenario:	Operation Tracking Application Performance testing for connectivity for login
Test Outcome:	1. Connection should take less than 10 seconds
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"><li>• UserID: &lt;admin&gt;</li><li>• Password: &lt;123&gt;</li></ul>	Configuration page is displayed. Authentication should take less than 10 seconds
3. Click on "Login" button	

Test Case ID:	UAT1-054
Test Scenario:	Operation Tracking Application Performance testing for authentication of students
Test Outcome:	1. Connection should take less than 10 seconds
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed.
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click "scan user"	The scanning page will be displayed
6. Scan and make sure that the QR code is in the frame shown	System will show the contents of the QR code in plaintext and check if the user is in the backend database. Authentication should take less than 10 seconds



Test Case ID:	UAT1-055
Test Scenario:	Operation Tracking Application Performance testing for connectivity with backend
Test Outcome:	1. Connection should take less than 10 seconds
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed.
3. Click on "Login" button	
4. User click the selected profile	Profile will be activated
5. Click "scan user"	The scanning page will be displayed
6. Scan and make sure that the QR code is in the frame shown	System will show the contents of the QR code in plaintext and check if the user is in the backend database. Authentication should take less than 10 seconds
7. Insert information into the modules	Information is stored in the module
8. Click "exit"	System exits, check if the information is send to the back-end in 10 seconds.

Test Case ID:	UAT1-056
Test Scenario:	Operation Tracking Application Performance testing for 20 connections simultaneously to the back-end database. Connection should not take more than 10 seconds
Test Outcome:	1. Connection should take less than 10 seconds
Test Procedures	Expected Results
1. Launch OTA application on Sonic View device	The application will load up and login page will be displayed
2. Enter the following: <ul style="list-style-type: none"> <li>• UserID: &lt;admin&gt;</li> <li>• Password: &lt;123&gt;</li> </ul>	Configuration page is displayed.
3. Click on "Login" button	
4. Run script to simulate 20 connections at the same time	User should load all connections and updates within 10 seconds.