AP.ANALYTICA

Test Cases

Test Case TC_Login_01

Test Case ID: TC_Login_01	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/11/2020
Module Name: AP Analytics Login Page	**Test Executed by:** Hung Doan
Test Title: Verify login with valid username and password	**Test Execution Date:** Functional
Description: Test the AP Analytics login page	**Test Type**: Functional
Related Use Cases:	

Pre-conditions: User has valid username and password (To list out all the data that is needed to initiate this TC)

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to login page	URL	Signup page loaded properly.	User is navigated to signup page	Pass
2	Click username field and provide valid username	admin	No validation error msg appears	No validation error message appears	Pass
3	Click the password field and type in valid password	1234	No validation error msg appears	No validation error message appears	Pass
4	Click on Login button	N/A	User should be able to login	Dashboard with successful login	Pass

Post-conditions:

User is validated with the database and successfully login to the web application dashboard. The account session details are logged in the database.

Test Case TC_Login_02

Test Case ID: TC_Login_02	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): Medium	**Test Designed Date:** 04/11/2020
Module Name: AP Analytics Login Page	**Test Executed by:** Hung Doan
Test Title: Verify login will fail with invalid username and password	**Test Execution Date:** Functional
Description: Test the AP Analytics login page	**Test Type**: Functional
Related Use Cases:	

Pre-conditions: User has invalid match between username and password

Dependencies: User has valid username and password

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to login page	URL	Login page loaded properly.	User is navigated to signup page	Pass
2	Click username field and provide valid username	admin	No validation error message appears	No validation error message appears	Pass
3	Click the password field and type in valid password	3456	No validation error message appears	No validation error message appears	Pass
4	Click on Login button	N/A	No validation error message appears	A red warning message pops up	Pass

Post-conditions:

User is validated with the database and successfully login to account. The account session details are logged in the database.

Test Case TC_Login_03

Test Case ID: TC_Login_03	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): Low	**Test Designed Date:** 04/11/2020
Module Name: AP Analytics Login Page	**Test Executed by:** Hung Doan
Test Title: Verify that user cannot log in with blank username and password	**Test Execution Date:** Functional
Description: Test the AP Analytics login page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to login page	URL	Signup page loaded properly.	User is navigated to signup page	Pass
2	Click on Login button	N/A	User should get an error message	A filling out user and password request pops up	Pass

Post-conditions:

Users cannot access databases without a username and password.

Test Case TC_Anomoly_Detection_04

Test Case ID: TC_Anomoly_Detection_04	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/11/2020
Module Name: AP Analytics Anomaly Detection KPI page	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Anomaly Detection from the database	**Test Execution Date:** Functional
Description: Test the Anomaly Detection KPI Page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Anomaly Detection KPI through KPI Dropdown option	URL	Anomaly Detection KPI page probably loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_AP_Utilization_05

Test Case ID: TC_AP_Utilizaion_05	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/11/2020
Module Name: AP Utilization Page	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for AP Utilization from the database	**Test Execution Date:** Functional
Description: Test the AP Utilization page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to AP Utilization KPI through KPI Dropdown option	URL	AP Utilization KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Channel_Utilization_06

Test Case ID: TC_Channel_Utilizaion_06	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/11/2020
Module Name: Channel Utilization Page	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Channel Utilization from the database	**Test Execution Date:** Functional
Description: Test the Channel Utilization page	**Test Type**: Functional
Related Use Cases:	

Pre-conditions: Functional sign up page

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Channel Utilization KPI through KPI Dropdown option	URL	Channel Utilization KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Client_Count_06

Test Case ID: TC_Channel_Utilizaion_06	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/11/2020
Module Name: Client Count Page	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Client Count from the database	**Test Execution Date:** Functional
Description: Test the Client Count page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Client Count KPI through KPI Dropdown option	URL	Client Count KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Coverage_Hole_07

Test Case ID: TC_Coverage_Hole_07	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/19/2020
Module Name: Coverage Holes	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Coverage Holes from the database	**Test Execution Date:** Functional
Description: Test the Coverage Holes page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Coverage Holes KPI through KPI Dropdown option	URL	Coverage Holes KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Power_Channel_Fluctuation_09

Test Case ID: TC_Power_Channel_Fluctuation_09	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/19/2020
Module Name: Power/Channel Fluctuation	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Power/Channel Fluctuation from the database	**Test Execution Date:** Functional
Description: Test the Power/Channel Fluctuation page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Power/Channel Fluctuation KPI through KPI Dropdown option	URL	Power/Channel Fluctuation KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Rogue_APs_10

Test Case ID: TC_Rogue_APs_10	**Test Designed by:** Hung Doan
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/19/2020
Module Name: Rogue APs	**Test Executed by:** Hung Doan
Test Title: Verify that user can access the correct data for Rogue APs from the database	**Test Execution Date:** Functional
Description: Test the Rogue APs page	**Test Type**: Functional
Related Use Cases:	
Pre-conditions: Functional sign up page **Dependencies:**	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Rogue APs KPI through KPI Dropdown option	URL	Rogue APs KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Choosing different time frames through dropdown option	N/A	User should get the data from a specific time frame	The data from a specific time frame	Pass

Post-conditions:

Data is shown with respect to filters/searching/sorting.

Test Case TC_Rogue_AP_Details_11

Test Case ID: TC_Rogue_APs_11	**Test Designed by:** Bradley Schoeneweis
Test Priority (Low/Medium/High): High	**Test Designed Date:** 04/27/2020
Module Name: Rogue APs	**Test Executed by:** Bradley Schoeneweis
Test Title: Verify that user can access the correct data for a Rogue AP details entry	**Test Execution Date:** 04/27/2020
Description: Test the Rogue AP details page	**Test Type**: Functional
Related Use Cases:	

Pre-conditions: On the dashboard, or on the Rogue AP KPI page

Dependencies:

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to Rogue APs KPI through KPI Dropdown option	URL	Rogue APs KPI page loaded properly	User can view the data through tables and graphs	Pass
2	Click on a MAC Address entry in the table	N/A	User should get be directed to the details page for that entry	Directed to the details page with verified results	Pass

Post-conditions:

User is on the details page with all available information for that entry.