**ANTLIA PRO**

**Design Verification Protocol (DVP)**

**Version No.: V1.0**

**Logo

Description automatically generated**

**ICALTECH INNOVATIONS PVT LTD**

***< Bangalore >***

**Revision History:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version (x.y)** | **Date** | **Description of Change** | **Approved By** |
| V 1.0 | 28.10.2023 | Initial Draft |  |

|  |
| --- |
| **List of Reference Documents** |
| CTQSP25F01 Antlia Pro\_Software Requirement Specification |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chithralekha/17/11/2023 |  |  |  |  |
| Prepared by/Date |  | Reviewed by/Date |  | Approved by/Date |

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# Test Summary

## Deviations, Exceptions, Variations

## Executive Summary



The table below summarizes the total count and number of test cases that have passed, failed, and that were not executed, as well as the overall test result:

| Name | Date (dd-mmm-yyyy) | | Signature |
| --- | --- | --- | --- |
| Total Test cases passed |  | | |
| Total Test cases failed |  | | |
| Total Test cases not executed |  | | |
| Overall Test Result: [ ] Pass [ ] Fail | | | |
| Reviewed By: | | Approved By: | |
| Signature & Date: | | Signature & Date: | |

# Introduction

## Scope and Purpose

The purpose of this test report is to ensure that the product under test functions as stated in the SRS and DRS is behaviorally compliant within the RMF. The scope of the testing consists of end to end testing / system testing for the functional areas of the product as defined in the protocol referenced below.  There are 3 main components of the Antlia Pro: the Antlia Pro PFT device Antlia Pro Desktop Application and Cloud application that are covered in this test Report.

## Referenced Documents

See the following Project DVP

| **Document Name** | **Document No.** | **Revision** |
| --- | --- | --- |
| System Design Verification Protocol\_V1.0 | CTQSP03F26 | V 1.0 |

## Equipement used

|  |  |  |
| --- | --- | --- |
| **Sl. No** | **Product** | **Specification** |
|  |  |  |
|  |  |  |
|  |  |  |

## Test Case Mapping – Traceability

The test cases include mapping to the SRS.  The project plan referenced in the Project DVP specifies the traceability from SRS to Test case.Each test case of SRS is named as “TC\_AP\_SRS\_xxx”. This is the name and the unique ID of the test case.

## Overall Pass/Fail Acceptance Criteria

The Overall Test Procedure status shall be considered PASS if:

1. Observed results match expected results for all the test steps in the procedure.
2. Observed results did not match expected results for some test steps, but the deviations from the expected result can be considered acceptable for valid reasons. In this case all explanations shall be indicated with the tester’s name and date, as part of the test execution records, either near the Test Step(s) in question OR in the Remarks section, or as a record of change history tied to the procedure.
3. If during the test execution an issue unrelated to the test procedure was observed and logged, but condition (a) was satisfied, then the test procedure status can be considered PASS as long as the defect is tracked to closure separately via the defect tracking database.
4. In cases where data analysis is required on the data recorded during test execution, that analysis and the conclusions may be recorded either in the test procedure (PASS/FAIL) or in a separately referenced test report.

# Test procedures

|  |  |
| --- | --- |
| Test Name | TC\_AP\_SRS\_XXX |
| Test Description | To fully test the Antlia Pro Product end to end. Further description is defined per protocol test steps as to intent and action regarding the functional area involved. |
| Test Requirements (mapping) | Stated in the test protocol |
| Sampling Size | * The Antlia Pro software applications(Desktop) testing is testing only software. Since there is no variability in software, a sample size of 1 unless otherwise stated and rationalized in the test protocol is deemed sufficient. * PFT Device, since there is no variability in hardware, a sample size of 1 unless otherwise stated and rationalized in the test protocol is deemed sufficient |
| Test Item(s) | Desktop Application |
| Test Environment | Windows OS version 10 and greater |
| Data files/ Attachments | Test data is specified in the test protocol |
| Initial Conditions | See preconditions as stated for each protocol step. |

# Antlia Pro Desktop Application Functionality

## TC\_AP\_SRS\_001

Test Description: To verify availability of .exe file in PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PC with windows OS is available.  2. .Exe file link is sent to email. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on .exe file link in PC. | N/A Proceed to next step |  |  |
| #2 | Download desktop app .exe file. | Desktop app .exe file shall be available. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-003 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |











## 

## TC\_AP\_SRS\_003

Test Description: To verify Antlia Pro app installation by referring installation document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app .exe file is available in PC.  2. Installation instructions document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer installation document and follow the instructions for installing app. | User shall be able to follow instructions to install app successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-004 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_004

Test Description: To verify installing of Antlia Pro Desktop app in desktop/laptop with Operating System Windows 10.0 and above.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app 64 bit .exe file is available in PC.  2. Desktop with Windows 10 and higher OS is available.  3. Installation Instruction document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer installation instruction document and follow steps to install Antlia Pro app. | N/A Proceed to next step |  |  |
| #2 | Download application .exe file | N/A Proceed to next step |  |  |
| #3 | Click on downloaded .exe file. | N/A Proceed to next step |  |  |
| #4 | Set destination path to install and click on next button. | N/A Proceed to next step |  |  |
| #5 | Wait for few minutes to install and click on finish. | Antlia Pro Desktop app shall be installed successfully in desktop/laptop with Operating System Windows 10.0 and above. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-001 |
| AP-SRS-359 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_005

Test Description: To verify installing of 64-bit Antlia Pro Desktop app in 32-bit PC by referring installation document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app 64 bit .exe file is available in PC.  2. Desktop with 32 bit, Windows 10 and higher OS is available.  3. Installation Instruction document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer installation instruction document and follow steps to install Antlia Pro app. | N/A Proceed to next step |  |  |
| #2 | 2. Download 64 bit .exe file in 32-bit PC. | N/A Proceed to next step |  |  |
| #3 | 3. Click on downloaded 64-bit .exe file. | N/A Proceed to next step |  |  |
| #4 | 4. Set destination path to install and click on next button. | N/A Proceed to next step |  |  |
| #5 | 5. Wait for few minutes to install and click on finish. | N/A Proceed to next step |  |  |
| #6 | 6. Observe the app icon in PC. | Antlia Pro Desktop app shall not install in 32-bit PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-002 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_006

Test Description: To verify installing of Antlia Pro Desktop app in 64 bit PC by referring installation document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app 64 bit .exe file is available in PC.  2. Desktop with 64 bit, Windows 10 and higher OS is available.  3. Installation Instruction document is available | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer installation instruction document and follow steps to install Antlia Pro app. | N/A Proceed to next step |  |  |
| #2 | 2. Download 64 bit .exe file in 64-bit PC. | N/A Proceed to next step |  |  |
| #3 | 3. Click on downloaded 64 bit .exe file. | N/A Proceed to next step |  |  |
| #4 | 4. Set destination path to install and click on next button. | N/A Proceed to next step |  |  |
| #5 | 5. Wait for few minutes to install and click on finish. | N/A Proceed to next step |  |  |
| #6 | 6. Observe the app icon in PC. | Antlia Pro Desktop app shall install and displays app icon in 64-bit PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-002 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_007

Test Description: To verify application is installed in program files by default.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app .exe file is available in PC.  2. OS version windows10 or higher version PC is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Download .exe file in PC. | N/A Proceed to next step |  |  |
| #2 | Click on downloaded .exe file. | N/A Proceed to next step |  |  |
| #3 | Ensure app is installing in program files by referring path in set path field. | N/A Proceed to next step |  |  |
| #4 | Click on next. | N/A Proceed to next step |  |  |
| #5 | Wait for few minutes to install and click on finish. | N/A Proceed to next step |  |  |
| #6 | Go to program files and check app folder is created. | Application shall be installed and created folder in program files. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-005 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_008

Test Description: To verify user can able to select location during installation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app .exe file is available in PC.  2. OS version windows 10 or higher version PC is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Download .exe file in PC. | N/A Proceed to next step |  |  |
| #2 | Click on downloaded .exe file. | N/A Proceed to next step |  |  |
|  | Check for ‘Select Destination Location’ pop-up | Windows shall display popup window to select destination location. |  |  |
| #3 | Click on browse to select location. | User shall be able to change/select location for app installation. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-006 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_009

Test Description: To verify option to create shortcut of app on desktop during installation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app .exe file is available in PC.  2. OS version windows 10 or higher version PC is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer installation instruction document and follow steps to install Antlia Pro app. | N/A Proceed to next step |  |  |
| #2 | Download .exe file in PC. | N/A Proceed to next step |  |  |
| #3 | Click on downloaded .exe file. | N/A Proceed to next step |  |  |
| #4 | Set destination path to install and click on next button. | N/A Proceed to next step |  |  |
| #5 | Observe the option to create shortcut. | Create shortcut option shall be provided during installation. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-007 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |











## TC\_AP\_SRS\_010

Test Description: To verify all functionalities are performed at least once in windows 10 with 64-bit PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Windows 10 OS PC is available.  2. Antlia Pro Desktop app is installed successfully in windows 10 OS.  3. PFT device is switched on and blue light is blinking. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Click on Connect icon in home screen. | N/A Proceed to next step |  |  |
| #3 | Click on “Patient Information” | N/A Proceed to next step |  |  |
| #4 | Click on add patient. | N/A Proceed to next step |  |  |
| #5 | Enter patient details and click on conduct test. | N/A Proceed to next step |  |  |
| #6 | Select pre-test or post-test button. | N/A Proceed to next step |  |  |
| #7 | Click on start button and Wait for few seconds. | N/A Proceed to next step |  |  |
| #8 | Click on capture button. | N/A Proceed to next step |  |  |
| #9 | Click on stop button. | N/A Proceed to next step |  |  |
| #10 | Observe the app screen. | All functionalities of Antlia Pro Desktop app shall be performed successfully in windows 10 OS 64-bit PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-008 |
| AP-SRS-359 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_0010a

Test Description: To verify all functionalities are performed at least once in windows 11 with 64 bit PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Windows 11 OS PC is available.  2. Antlia Pro Desktop app is installed successfully in windows 11 OS.  3. PFT device is switched on and blue light is blinking. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Click on Connect icon in home screen. | N/A Proceed to next step |  |  |
| #3 | Click on “Patient Information” | N/A Proceed to next step |  |  |
| #4 | Click on add patient. | N/A Proceed to next step |  |  |
| #5 | Enter patient details and click on conduct test. | N/A Proceed to next step |  |  |
| #6 | Select pre-test or post-test button. | N/A Proceed to next step |  |  |
| #7 | Click on start button and Wait for few seconds. | N/A Proceed to next step |  |  |
| #8 | Click on capture button. | N/A Proceed to next step |  |  |
| #9 | Click on stop button. | All functionalities of Antlia Pro Desktop app shall be performed successfully in windows 11 OS with 64-bit PCs. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-008 |
| AP-SRS-359 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_011

Test Description: To verify application icon for Antlia Pro Desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the application icon of Antlia desktop app on PC. | "ICaltech logo" shall display as application icon for Antlia Pro Desktop app. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |  |  | Pass() |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_012

Test Description: To verify application name and version number for Antlia Pro Desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the application name of Antlia desktop app on PC | Application name shall be displayed as “*Antlia-Pro-Va.bb.ccd* X*ee* " for Antlia Pro Desktop app. Where *Va.bb.ccd* X*ee* stands for version number. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_013

Test Description: To verify Antlia Pro Desktop app launch.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Scenario 1: Double click on Antlia Pro Desktop app icon. | Antlia Pro Desktop app should launch successfully. |  |  |
| #2 | Scenario 2: Single click on Antlia Pro Desktop app icon. | Antlia Pro Desktop app should not launch (Do not open). |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_014

Test Description: To verify visibility of Antlia Pro app icon in large size on PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right-click on an empty space on the PC. | N/A Proceed to next step |  |  |
| #2 | Click on view from contextual menu. | N/A Proceed to next step |  |  |
| #3 | Select large icon. | N/A Proceed to next step |  |  |
| #4 | Observe the Antlia Pro app icon on PC. | Antlia Pro app icon shall display in large size. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |
| AP-SRS-302 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_014a

Test Description: To verify visibility of Antlia Pro app icon in medium size on PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right-click on an empty space on the PC. | N/A Proceed to next step |  |  |
| #2 | Click on view from contextual menu. | N/A Proceed to next step |  |  |
| #3 | Select medium icon. | N/A Proceed to next step |  |  |
| #4 | Observe the Antlia Pro app icon on PC. | Antlia Pro app icon shall display in medium size. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |
| AP-SRS-302 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_014b

Test Description: To verify visibility of Antlia Pro app icon in small size on PC

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right-click on an empty space on the PC. | N/A Proceed to next step |  |  |
| #2 | Click on view from contextual menu. | N/A Proceed to next step |  |  |
| #3 | Select small icon. | N/A Proceed to next step |  |  |
| #4 | Observe the Antlia Pro app icon on PC. | Antlia Pro app icon shall display in small size. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009 |
| AP-SRS-302 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_015

Test Description: To verify display of splash screen upon Antlia Pro Desktop app launch.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Search for Antlia Pro Desktop app on Pc | N/A Proceed to next step |  |  |
| #2 | Double Click on Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #3 | Observe the splash screen. | Application launches successfully and displays splash screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_016

Test Description: To verify duration of splash screen display in Antlia Pro Desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Start screen video recorder and launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Stop screen video recorder when splash screen goes off. | N/A Proceed to next step |  |  |
| #3 | Record the display duration of splash screen by referring recorded video. | Recorded reading shall be 5 secs (+/- 1 sec). |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009a |
| AP-SRS-308 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_017

Test Description: To verify copyright info is displayed in splash screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the copyright information in splash screen. | Copyright information shall display at bottom of the splash screen |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-009a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_018

Test Description: To verify info/logo is displayed in splash screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the info/logo in splash screen. | Antlia Pro product logo with “*Pulmonary Function test Device*” label, Product version details, iCaltech company logo shall display in splash screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-010 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_018a

Test Description: To verify Report header shall displayed in every screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the report header in all screen | Report header(Antlia product logo with “Forced Oscillation Technique” label should display in all screen |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-010 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_019

Test Description: To verify displaying of admin login screen after splash screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the login page after splash screen. | Admin login page shall be displayed after splash screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-012 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_020

Test Description: To verify admin login screen display on first launch after app installation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app after app is installed. | N/A Proceed to next step |  |  |
| #2 | Observe the login screen after splash screen. | Admin login screen shall be displayed on first launch. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-011 |
| AP-SRS-013 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_020a

Test Description: To verify admin login screen display on second launch after app installation without authenticating in first launch.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the login page after splash screen. | App shall display admin login screen. |  |  |
| #3 | Close the app. | N/A Proceed to next step |  |  |
| #4 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #5 | Observe the login screen. | Admin login screen shall be displayed on second launch after installation. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-011 |
| AP-SRS-013 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_021

Test Description: To verify admin login screen display, when app is not authenticated with admin credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Admin credentials are provided by iCaltech. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Enter invalid credentials of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Close the app. | N/A Proceed to next step |  |  |
| #5 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #6 | Observe the admin login screen. | Admin login screen shall display until app is authenticated with valid admin credentials. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-013 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_022

Test Description: To verify admin login screen display, when app is authenticated with admin credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Admin credentials are provided by iCaltech.  3. App is already authenticated with admin credentials. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the admin screen. | Admin login screen shall not display once app is authenticated; however, admin shall be able to login to admin screen using admin credentials. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-014 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_023

Test Description: To verify "Enter Admin Username" and "Enter Admin Password" messages in respective fields.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen(Soon after the installation before authenticating with admin credentials). | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the login screen for "Enter Admin Username" and "Enter Admin Password" messages. | "Enter Admin Username" and "Enter Admin Password" shall display in respective fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-015 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_024

Test Description: To verify "Enter Admin Username" message is disappearing by click on username entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on username entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the entry field. | "Enter Admin Username" message shall disappear in username entry field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-016 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_024a

Test Description: To verify username entry field is accepting user entry upon "Enter Admin Username" message disappeared.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter some text in username field. | Username entry field shall accept user entries. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-016 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_025

Test Description: To verify "Enter Admin Password" message is disappearing by click on password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on password entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the entry field. | "Enter Admin Password" message shall disappear in password entry field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-017 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_025a

Test Description: To verify password entry field is accepting user entry upon "Enter Admin Password" message disappeared.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on password entry field. | N/A Proceed to next step |  |  |
| #2 | Enter some text in password field. | Password entry field shall accept user entries. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-017 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |























## TC\_AP\_SRS\_026

Test Description: To verify entered characters are hidden in password field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username in username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter password in password entry field when ‘show password’ option is hidden. | N/A Proceed to next step |  |  |
| #3 | Observe the characters in password entry field. | Characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-018 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_027

Test Description: To verify ‘Show password’ icon in password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the ‘Show password’ check box in password entry field. | ‘Show password’ checkbox shall display in password entry field. |  | Pass |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-019 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_027a

Test Description: To verify ‘Show password ‘ check box functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username. | N/A Proceed to next step |  |  |
| #2 | Enter password. | N/A Proceed to next step |  |  |
| #3 | Click on show password checkbox in login screen. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | Upon click on show password check box, entered characters shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-019 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_027b

Test Description: To verify show password checkbox functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username. | N/A Proceed to next step |  |  |
| #2 | Enter password. | N/A Proceed to next step |  |  |
| #3 | Click on show password checkbox in login screen. | Entered password shall be displayed. |  |  |
| #4 | Again click on show password checkbox in login screen. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | Upon click on show password checkbox for second time, entered characters shall be displayed as "\*\*\*\*\*\*" or "**……….**". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-019 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_028

Test Description: To verify login button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe login button in admin login screen. | Login button shall display below the username and password entry fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-020 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_029

Test Description: To verify error message when password field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Leave password field blank. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Please enter the password". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_029a

Test Description: To verify error message for invalid password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Invalid Credentials". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_030

Test Description: To verify error message when username field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username field blank. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Please enter the Username" |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_030a

Test Description: To verify error message for invalid username.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of admin | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Invalid Credentials". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_031

Test Description: To verify error message when username and password entry fields are empty.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username and password entry fields blank. | N/A Proceed to next step |  |  |
| #2 | Click on login button. | N/A Proceed to next step |  |  |
| #3 | Observe the error message. | App shall display error message as "Please enter the Username  Please enter the Password". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_031a

Test Description: To verify error message when username and password entry fields are invalid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message “Invalid Credentials” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_032

Test Description: To verify error message when username field is invalid and password field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of admin. | N/A Proceed to next step |  |  |
| #2 | Leave password field blank. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message “Please enter the Password” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_032a

Test Description: To verify error message when password field is invalid and username field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username field blank. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message “Please enter the User name” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-022 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_033

Test Description: To verify login button is identifiable, upon click on login.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Place cursor/Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the login button color. | Login button color shall be changed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-023 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_034

Test Description: To verify login button functionality by pressing enter key in keyboard.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Press enter key on keyboard. | Login button color shall be changed. |  |  |
| #4 | Observe the result. | Upon sucessful authentication app shall display “Welcome Antlia Pro Admin” message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-020a |
| AP-SRS-023 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_034a

Test Description: To verify login button functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the result. | Upon sucessful authentication app shall display “Welcome Antlia Pro Admin” message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-020a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_035

Test Description: To verify App accepts only admin credentials provided by iCaltech.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username provided by iCaltech. | N/A Proceed to next step |  |  |
| #2 | Enter password provided by iCaltech. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | App shall accept entered username and password and allow to access the application. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-021 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_035a

Test Description: To verify app behavior when admin login with different credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter credentials which are not provided by iCaltech. | N/A Proceed to next step |  |  |
| #2 | Click on login button. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall reject entered credentials and shall display error message “Invalid Credentials”. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-021 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_036

Test Description: To verify displaying of admin home screen when app is authenticated with valid credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Admin credentials are authenticated. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Enter the admin username and password and click on ‘login’ | App shall display admin home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-024 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_037

Test Description: To verify options in admin home screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the options in admin home screen. | App shall display  -Hospital Information  -Staff Information  -Cut-Off Values  -Menu  -Connect  - Firmware Upgrade in admin home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-025 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_038

Test Description: To verify admin can be able to select only one option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Staff information option. | App shall allow to select staff information option and shall navigate to staff information screen. |  |  |
| #2 | Observe the screen. | Color shall be changed, upon selection of staff information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-026 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_038a

Test Description: To verify admin can select both options at a time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Try to select both options at a time ex: Staff Information and hospital information options. | N/A Proceed to next step |  |  |
| #2 | Observe the app screen. | App shall not allow to select both options at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-026 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_039

Test Description: To verify selected option is identifiable, upon click on respective option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the options color in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on respective option. Ex: Firmware Upgrade | N/A Proceed to next step |  |  |
| #3 | Observe the selected option color. | Selected option(Firmware Upgrade) color shall be changed |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-027 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_040

Test Description: To verify the header in every screen of Antlia Pro admin mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Navigate to each screen in admin mode. | N/A Proceed to next step |  |  |
| #2 | While navigating to each screen, observe the header. | All screen in admin mode shall display “Forced Oscillation Technique” along with Antlia Pro logo. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-027a |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_041

Test Description: To verify admin can able to enter, view hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Hospital information option. | N/A Proceed to next step |  |  |
| #2 | Enter all fields. | N/A Proceed to next step |  |  |
| #3 | Click on save. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | Hospital information shall be saved successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-028 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_042

Test Description: To verify admin can be able to edit hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen.  3. Hospital information is already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Hospital information option. | N/A Proceed to next step |  |  |
| #2 | Click on edit button. | N/A Proceed to next step |  |  |
| #3 | Modify few fields. | N/A Proceed to next step |  |  |
| #4 | Click on save. | N/A Proceed to next step |  |  |
|  | Observe the app behavior. | Admin shall be able to edit and modified information shall be successfully saved. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-028 |
| AP-SRS-031 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_043

Test Description: To verify Caregiver/Doctor can be able to view hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/Doctor has been logged in successfully.  2. App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the hospital information option in home screen. | App shall not display Hospital information option for Caregiver/doctor credentials. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-028 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_044

Test Description: To verify information provided in "Hospital Information" screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Hospital information" option in admin home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the fields displayed on screen. | App shall display below details :   1. Hospital ID 2. Hospital name 3. Hospital Address 4. Select Logo 5. Font selection 6. Color selection 7. Font size selection 8. Contact Details 9. Interpretation type 10. Save 11. Edit 12. Delete 13. Second doctor name 14. Third doctor name |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-029 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_045

Test Description: To verify the error message in "Hospital Information" screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Hospital information" option in admin home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the fields displayed on screen. | App shall display below details :   1. Hospital ID 2. Hospital name 3. Hospital Address 4. Select Logo 5. Font selection 6. Color selection 7. Font size selection 8. Contact Details 9. Installation TypeSave 10. Edit 11. Delete 12. Second doctor name 13. Third doctor name |  |  |
| #3 | Leave “hospital ID” field blank and enter all other details and click on save | App shall display error message, “Hospital ID required and cannot be empty” |  |  |
| #4 | Similarly, enter all the fields in hospital information screen, except “hospital Name”, click on “Save” and observe the app behavior. | App shall display error message, “Hospital Name is required and cannot be empty.” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-029a |
| AP-SRS-030 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_046

Test Description: To verify "Save" button functionality after new entry.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information option. | N/A Proceed to next step |  |  |
| #2 | Enter all required fields. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | App shall save information after entering new hospital details. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-032 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_046a

Test Description: To verify "Save" button functionality after editing previous data.

Pre-Information: Hospital information is already saved.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information option. | N/A Proceed to next step |  |  |
| #2 | Edit required fields. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | App shall save information after editing hospital details. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-032 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_047

Test Description: To verify success message after hospital information is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information option in home screen. | N/A Proceed to next step |  |  |
| #2 | Enter all the fields in hospital information screen. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | N/A Proceed to next step |  |  |
| #4 | Observe success message. | App shall display success message as “Hospital details saved” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-033 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_048

Test Description: To verify delete functionality before saving hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information option in home screen. | N/A Proceed to next step |  |  |
| #2 | Enter all fields in hospital information screen. | N/A Proceed to next step |  |  |
| #3 | Observe "Delete" button. | Delete button shall be in disabled mode before saving hospital information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-034 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_048a

Test Description: To verify delete functionality after saving hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information option in home screen. | N/A Proceed to next step |  |  |
| #2 | Enter all the fields and click on save button. | Hospital information shall be saved successfully. |  |  |
| #3 | Observe "Delete" button. | Delete button shall be in enable mode once hospital information is saved. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-034 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_049

Test Description: To verify user confirmation when "Delete" button is clicked.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen.  Pre-information: Hospital information is already saved. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Hospital information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Delete" button. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall display user confirmation message for deleting hospital information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-035 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_050

Test Description: To verify, if user confirms to delete hospital information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in admin home screen.  Pre-information: Hospital information is already saved. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Hospital information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Delete" button. | N/A Proceed to next step |  |  |
| #3 | Click on "OK" option in pop-up message. | N/A Proceed to next step |  |  |
| #5 | Check if deleted hospital information is being displayed. | . App shall display “Hospital deleted successfully” message.  . Deleted hospital information shall not display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-036 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_051

Test Description: To verify admin can be able to add and view, new staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter admin username. | N/A Proceed to next step |  |  |
| #2 | Enter admin password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Click on staff information option. | N/A Proceed to next step |  |  |
| #5 | Click on add staff. | N/A Proceed to next step |  |  |
| #6 | Enter all fields in add staff screen. | N/A Proceed to next step |  |  |
| #7 | Click on save button. | App shall save entered staff details |  |  |
| #8 | Click on “Staff List” | N/A Proceed to next step |  |  |
| #9 | Observe the added staff list. | App shall list the added staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-037 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_051a

Test Description: To verify admin can able to edit staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. Few staffs are created, and app is in Admin login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter admin username. | N/A Proceed to next step |  |  |
| #2 | Enter admin password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Click on staff information option. | N/A Proceed to next step |  |  |
| #5 | Click on staff list. | N/A Proceed to next step |  |  |
| #6 | Select staff from the row. | N/A Proceed to next step |  |  |
| #7 | Click on edit button. | N/A Proceed to next step |  |  |
| #8 | Update few fields in edit staff screen. | N/A Proceed to next step |  |  |
| #9 | Click on save button. | N/A Proceed to next step |  |  |
| #10 | Click on “Staff List” | N/A Proceed to next step |  |  |
| #11 | Observe the updated staff row. | Admin shall able to edit staff and app shall display updated staff in staff list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail | Pass() | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-037 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_051b

Test Description: To verify staff can able to add, view or edit another staff details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Caregiver/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Caregiver/doctor username. | N/A Proceed to next step |  |  |
| #2 | Enter Caregiver/doctor password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe add staff, view staff, edit staff options in staff home screen. | App shall not display add staff, view staff, edit staff options in staff home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-037 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_052

Test Description: To verify options provided for admin to *“Add New staff”* and *“View/Edit staff”*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. Admin logged in and App is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of admin. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of admin. | N/A Proceed to next step |  |  |
| #3 | Click on "Login" button. | N/A Proceed to next step |  |  |
| #4 | Click on staff information. | N/A Proceed to next step |  |  |
| #5 | Observe the options in staff information screen. | Application shall provide “Add New staff” and “View/Edit staff” for admin. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-038 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_053

Test Description: To verify "Add New Staff" screen information for admin login.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. Admin logged in and App is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on staff information option. | N/A Proceed to next step |  |  |
| #2 | Click on "Add new staff" button. | N/A Proceed to next step |  |  |
| #3 | Observe the input fields displayed in "Add new staff" screen. | "Add new staff" screen shall contain:  - Caregiver First name.  - Caregiver Last name.  -Date of Birth  -Gender - Selected from pre-populated drop-down (Male, Female)  -Doctor name.  -Phone number  -Email ID input field.  -User name  -Technician password text box |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-039 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_054

Test Description: To verify error message in ‘Add new staff “screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin credentials are provided by iCaltech.  2. Admin logged in and App is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on staff information option. | N/A Proceed to next step |  |  |
| #2 | Click on "Add new staff" button. | N/A Proceed to next step |  |  |
| #3 | Visually inspect for the instruction and enter the details, enter doctors name with more than 50 characters. | Shall be able to enter doctors name of more than 50 characters without any error message |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-039b |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_055

Test Description: To verify Gender field dropdown options.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter First name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Select DOB. | N/A Proceed to next step |  |  |
| #4 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #5 | Observe the options listed. | Gender field dropdown shall provide Male and female options. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-040 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_056

Test Description: To verify selection of two options at a time from gender dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter First name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #4 | Try to select two options from the dropdown list. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | App shall not allow to select two options from the dropdown at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-041 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_057

Test Description: To verify selection of one option from gender dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter First name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #4 | Select any one option from the list. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | App shall allow to select one option from the dropdown list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-041 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_058

Test Description: To verify app takes username as first name when email id field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in “Add new staff” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name. Ex: Rohan | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Select male from Gender dropdown. | N/A Proceed to next step |  |  |
| #4 | Observe user id field. | First name shall display in user id field and app shall allow user to login with this user id. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-041a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_059

Test Description: To verify "Save" functionality in "Add new staff" screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Select DOB and Select gender from dropdown. | N/A Proceed to next step |  |  |
| #4 | Enter mobile number. | N/A Proceed to next step |  |  |
| #5 | Enter email ID. | N/A Proceed to next step |  |  |
| #6 | Click on "Save" button. | Application shall allow to save entered staff information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-042 |
| AP-SRS-052 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_060

Test Description: To verify “error label” in “Add new staff” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in “Add new staff” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Keep any mandotory field blank and and update other details. | N/A Proceed to next step |  |  |
| #2 | Click on ‘Save” | Application shall display error message and it shall not overlap with field name. |  |  |
| #3 | Repeat the same step for other mandatory field. | Application shall display error message and it shall not overlap with field name. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-039a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_061

Test Description: To verify success message after saving new staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Select DOB and Select gender from dropdown. | N/A Proceed to next step |  |  |
| #4 | Enter mobile number. | N/A Proceed to next step |  |  |
| #5 | Enter email ID. | N/A Proceed to next step |  |  |
| #6 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #7 | Observe success message. | App shall display message as "Staff saved Successfully” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-043 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_061a

Test Description: To verify all fields are clearing in add new staff screen after successful saving of staff details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Repeat step 1 to 8 of TC\_AP\_SRS\_61 | App shall clear all fields after successfully saving staff information. |  |  |
| #2 | Observe all fields in "Add new staff" screen | -Shall allow admin to add new staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-043 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_062

Test Description: To verify "Cancel" button is provided in staff information screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Add new staff" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe "Cancel" option is provided. | App shall provide "Cancel" option to clear entered staff information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-044 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_063

Test Description: To verify app behavior when user clicks on "Cancel" button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all staff details. | N/A Proceed to next step |  |  |
| #2 | Click on "Cancel" button. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall ask for user confirmation when Cancel button is clicked. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-045 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_064

Test Description: To verify app behavior, when cancel option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all fields with valid inputs. | N/A Proceed to next step |  |  |
| #2 | Click on "Cancel" button. | N/A Proceed to next step |  |  |
| #3 | Click on cancel option. | App shall display confirmation message to cancel the details entered. |  |  |
| #4 | Observe the app behavior. | Upon click on cancel in pop-up, it shall disappear, and same screen shall display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-046 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_064a

Test Description: To verify app behavior, when ok option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all fields with valid inputs. | N/A Proceed to next step |  |  |
| #2 | Click on "Cancel" button. | N/A Proceed to next step |  |  |
| #3 | Click on "ok" option in pop-up message. | Upon click on Ok, all entered fields shall be blank. |  |  |
| #4 | Observe the app behavior. | -App shall allow admin to add new staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-046 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_065

Test Description: To verify duplication of staff information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in "Add new staff" screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name as "Stella". | N/A Proceed to next step |  |  |
| #2 | Enter last name as "John". | N/A Proceed to next step |  |  |
| #3 | Select "Female" gender from dropdown. | N/A Proceed to next step |  |  |
| #4 | Enter mobile number as "0225548886" | N/A Proceed to next step |  |  |
| #5 | Enter email ID as "stellajohn@antlia.com" | N/A Proceed to next step |  |  |
| #6 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #7 | Repeat step 1 to 7 with same data. | App shall not allow duplication of staff information. |  |  |
| #8 | Observe app behavior. | -App shall display message as "Staff already exists". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-047 |
| AP-SRS-048 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_066

Test Description: To verify staff details list in "staff information screen" screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. Staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the list of staff details. | App shall display list of staff created. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-049 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_067

Test Description: To verify "Edit" and "Delete" buttons against each row in ‘staff information’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. Staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe "Edit" and "Delete" buttons against each row in staff list. | App shall provide "Edit" and "Delete" buttons against each row in "View/Edit staff screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-050 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_068

Test Description: To verify "Edit" button functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. Staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Edit" button for particular staff from the list. | App shall display all details of selected staff. |  |  |
| #3 | Click on “Edit” option available. | App shall allow to edit all fields of selected staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-051 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_069

Test Description: To verify “Password reset” option in "staff Information" screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. Staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Edit" button for any staff from the list. | N/A Proceed to next step |  |  |
| #2 | Observe app behavior. | App shall provide “Change password” text box in disabled mode. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-051a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_070

Test Description: To verify "Save" button functionality after edit or new entry.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Edit" button of particular staff from the list. | N/A Proceed to next step |  |  |
| #3 | Edit required fields. | N/A Proceed to next step |  |  |
| #4 | Click on save button. | N/A Proceed to next step |  |  |
| #5 | Observe edited information is updated and saved. | App shall save information after editing staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-052 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_071

Test Description: To verify success message after saving edited staff details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Edit" button of particular staff from the list. | N/A Proceed to next step |  |  |
| #3 | Edit required fields. | N/A Proceed to next step |  |  |
| #4 | Click on save button. | N/A Proceed to next step |  |  |
| #5 | Observe success message. | App shall display message as "Staff updated successfully". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-053 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_072

Test Description: To verify user confirmation when "Delete" button is clicked.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. few staff are created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Delete" button for selected staff from the list. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall display “Are you sure you want to delete? Selected staff will be deleted permanently!” message with “OK” and “Cancel” options. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-054 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_073

Test Description: To verify success message upon user confirmation of deleting staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. Few staff is already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Delete" button for selected staff from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "OK" option in pop-up message. | App shall delete selected staff information. |  |  |
| #4 | Observe the app behavior. | - Shall display “Staff deleted successfully” message. |  |  |
| #5 | Click on staff information option, to check if the deleted staff still exists in the list. | App shall not display deleted staff in the staff list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-055 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_074

Test Description: To verify "search" option is available to find particular staff.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. Create few staff. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Staff information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe search option. | N/A Proceed to next step |  |  |
| #3 | Search for already created staff from the list. | App provides search option to find particular staff from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-056 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_075

Test Description: To verify availability of scroll bar in staff list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. More than 9 staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on staff list option. | N/A Proceed to next step |  |  |
| #2 | Observe the scroll-bar in staff list screen. | Scroll bar shall be available. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-057 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_075a

Test Description: To verify scroll-down functionality in staff list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. More than 9 staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on staff list option. | N/A Proceed to next step |  |  |
| #2 | Do Scroll down in staff list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Next staff details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-057 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_075b

Test Description: To verify scroll-up functionality in staff list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. App is in staff information screen.  3. More than 9 staff are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on staff list option. | N/A Proceed to next step |  |  |
| #2 | Do Scroll up in staff list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Previous staff details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-057 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_076

Test Description: To verify user can able to shift to home screen from verification screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Verification” button | N/A Proceed to next step |  |  |
| #2 | Select “frequency type” from the list and click on ‘start’. | Once verification is completed app shall automatically stops the test. |  |  |
| #3 | Click on ‘back’ option and observe the application behavior. | Application shall navigate back to user home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-058 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_076a

Test Description: To verify app allows to navigate to home screen from patient information screen and view report screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is in user home screen.  2. Patient created, and test carried out for respective patient. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Edit or Delete or View report option for selected patient. | N/A Proceed to next step |  |  |
| #2 | Try to navigate back to home screen | App shall allow to navigate back to home screen. |  |  |
| #3 | Click on Settings and navigate to other options in “Settings” screen | N/A Proceed to next step |  |  |
| #4 | Try to navigate back to home screen. | App shall allow to navigate back to home screen |  |  |
| #5 | Click on “Change Password” | N/A Proceed to next step |  |  |
| #6 | Click on “Back” button and observe the app behavior. | App shall allow to navigate back to home screen. |  |  |
| #7 | Click on “Contact Us” option | N/A Proceed to next step |  |  |
| #8 | Try to navigate back to home screen. | App shall allow to navigate back to home screen. |  |  |
| #9 | Click on “About” option | N/A Proceed to next step |  |  |
| #10 | Try to navigate back to home screen and observe the app behavior. | App shall allow to navigate back to home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-058 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_077

Test Description: To verify app disables home screen while conducting test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is in user home screen.  2. Patient created and test carried out for respective patient. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select test type and frequency type | N/A Proceed to next step |  |  |
| #2 | Click on ”Start” | N/A Proceed to next step |  |  |
| #3 | Try to navigate to home screen in “Start” mode | App shall not allow to navigate to home screen in start mode. |  |  |
| #4 | Click on “Capture” | N/A Proceed to next step |  |  |
| #5 | Try to navigate to home screen in “Capture” mode | App shall not navigate to home screen in capture mode |  |  |
| #6 | Upon completion of test observe the app behavior. | Upon completion of test app allows to navigate to home screen |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-058 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_078

Test Description: To verify displaying of connect icon button when user logged in with admin credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in admin login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter admin user name and password, and click on ‘Login” | N/A Proceed to next step |  |  |
| #2 | Observe the connect icon button in all screens. | Connect icon shall display on right top of top menu in all screens of admin mode. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-059 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_078a

Test Description: To verify displaying of connect icon button in User screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in User login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter user name and password, and click on ‘Login” | N/A Proceed to next step |  |  |
| #2 | Observe the connect icon button in all screens except “Change Password” screen.. | Connect icon shall display on right top of top menu in all screens of user modes except “Change Password” screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-059 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_079

Test Description: To verify connect icon status when USB cable is connected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is User home screen.  2. Patients are created in User mode.  3. USB cable is available.  4. PFT device is switched ON, green LED light is blinking. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect PFT device to PC via USB cable. | N/A Proceed to next step |  |  |
| #2 | Click on connect icon in conduct test screen. | N/A Proceed to next step |  |  |
| #3 | Observe the icon status. | Connect icon status shall change to "Connected". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-060 |
| AP-SRS-335 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_079a

Test Description: To verify error message, when USB cable is disconnected with app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is User home screen.  2. Patients are created in user mode.  3. USB cable is available.  4. PFT device is switched ON, green LED light is blinking. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect PFT device to PC via USB cable. | N/A Proceed to next step |  |  |
| #2 | Click on connect icon in conduct test screen. | N/A Proceed to next step |  |  |
| #3 | Observe the icon status. | App shall display “Connected” Status. |  |  |
| #4 | Remove USB cable from PC. | App shall display error message as "Please connect the device to conduct the test". |  |  |
| #5 | Observe the error message and connect icon status. | Connect icon status shall change to "Connect". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-060 |
| AP-SRS-335 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_079b

Test Description: To verify or the first launch application shall connect automatically in User Mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician/doctor has been logged in successfully and app is in user home screen  2. USB cable is available.  3. PFT device is switched ON, Green LED light is blinking. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect PFT device to PC via USB cable. | N/A Proceed to next step |  |  |
| #2 | Launch the application | N/A Proceed to next step |  |  |
| #3 | Visually inspect the connect icon | Connect icon shall be changed to connected icon automatically. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-060 |
| AP-SRS-335 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_080

Test Description: To verify availability of drawer icon button in all screens.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Admin has been logged in successfully and app is admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the availability of drawer icon button in all screens. | Drawer icon button shall be available on top right corner of top menu. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-061 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_081

Test Description: To verify information in drawer icon.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | User has been logged in successfully and app is in admin home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on hospital information. | N/A Proceed to next step |  |  |
| #2 | Click on drawer icon button. | N/A Proceed to next step |  |  |
| #3 | Observe the options in drawer icon. | App shall display information as   1. <Logged-in user name> 2. Contact us 3. About 4. Help 5. Settings 6. Logout |  |  |
| Acceptance Criteria/ Overall Pass/ Fail | Pass() | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-062 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_082

Test Description: To verify first name and last name of logged in user in drawer icon.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Caregiver/doctor roles are created by admin.  3. Caregiver/doctor role credentials are available.  Pre-information: First name: Rashi and Last name: R are created and  Password: Rashi123 are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Enter username Ex: Rashi | N/A Proceed to next step |  |  |
| #3 | Enter password Ex: Rashi123. | N/A Proceed to next step |  |  |
| #4 | Click on login button. | N/A Proceed to next step |  |  |
| #5 | Observe drawer icon button. | N/A Proceed to next step |  |  |
| #6 | Observe the logged in user name. | App shall display First name and Last name of logged in user in all screens. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-063 |
| AP-SRS-306 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_083

Test Description: To verify ‘Help’ option functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  2. User manual is uploaded in app. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on ‘Drawer Icon” | N/A Proceed to next step |  |  |
| #2 | Click on Help option. | N/A Proceed to next step |  |  |
| #3 | Observe the user manual screen. | Upon click on help, App shall display user manual screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-064 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_083a

Test Description: To verify ‘Help’ option functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/Doctor has been logged in successfully.  2. User manual is uploaded in app. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Help option. | N/A Proceed to next step |  |  |
| #2 | Observe the user manual screen. | Upon click on help, App shall display user manual screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-064 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |



































## TC\_AP\_SRS\_084

Test Description: To verify system information in ‘About’ option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” | N/A Proceed to next step |  |  |
| #2 | Click on ‘About’ option. | N/A Proceed to next step |  |  |
| #3 | Observe the system information. | Upon click on About, app shall display below details :   * Device ID * Software version * Firmware version * Hardware version |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-065 |
| AP-SRS-445 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_084a

Test Description: To verify system information in ‘About’ option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/Doctor has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on ‘About’ option. | N/A Proceed to next step |  |  |
| #2 | Observe the system information. | Upon click on About, app shall display below details :   * Device ID * Software version * Firmware version * Hardware version |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-065 |
| AP-SRS-445 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_085

Test Description: To verify iCaltech service details in ‘Contact us’ option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully.  Pre-information: iCaltech service contact details are noted or available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” on top right-side corner. | N/A Proceed to next step |  |  |
| #2 | Click on ‘Contact us’ option. | N/A Proceed to next step |  |  |
| #3 | Observe the contact details. | Upon click on Contact us, app shall display iCaltech service details such as Phone/Mobile number, e-mail ID, Company address etc. |  |  |
| #3 | Compare available iCaltech service details and displayed service details. | Available and Displayed service details shall same. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-066 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_085a

Test Description: To verify iCaltech service details in ‘Contact us’ option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/Doctor has been logged in successfully.  Pre-information: iCaltech service contact details are noted or available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” on top right-side corner. | N/A Proceed to next step |  |  |
| #2 | Click on ‘Contact us’ option. | N/A Proceed to next step |  |  |
| #3 | Observe the contact details. | Upon click on Contact us, app shall display iCaltech service details such as Phone/Mobile number, e-mail ID, Company address etc. |  |  |
| #3 | Compare available iCaltech service details and displayed service details. | Available and Displayed service details shall same. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-066 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_086

Test Description: To verify user confirmation, upon click on logout option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” on top right corner of admin mode | N/A Proceed to next step |  |  |
| #2 | Click on logout option. | N/A Proceed to next step |  |  |
| #3 | Observe the screen for user confirmation. | Upon click on logout option, app shall display user confirmation message as "Are you sure you want to logout?” with ‘OK’ or ‘Cancel’ options". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-067 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_086a

Test Description: To verify user confirmation, upon click on logout option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/Caregiver has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on ‘Username” (Ex: Antlia User) on right top side corner of the User window | N/A Proceed to next step |  |  |
| #2 | Click on logout option. | N/A Proceed to next step |  |  |
| #3 | Observe the screen for user confirmation. | Upon click on logout option, app shall display user confirmation message as "Are you sure you want to logout?” with ‘OK’ or ‘Cancel’ options". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-067 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_087

Test Description: To verify app behavior, when ‘Cancel’ option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” | N/A Proceed to next step |  |  |
| #2 | Click on logout option. | N/A Proceed to next step |  |  |
| #3 | Click on ‘Cancel’ option. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | User confirmation shall disappear, and app shall display same screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-067 |
| AP-SRS-068 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_087a

Test Description: To verify app behavior, when ‘OK’ option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Admin has been logged in successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Drawer Icon” on top right corner of the admin screen. | N/A Proceed to next step |  |  |
| #2 | Click on logout option. | N/A Proceed to next step |  |  |
| #3 | Click on ‘OK’ option. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | App shall successfully logged-out from admin screen |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-067 |
| AP-SRS-068 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_088

Test Description: To verify displaying of login screen for Caregiver/doctor role.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Caregiver/doctor login are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the login screen for caregiver/doctor role. | Login screen shall be displayed for caregiver/doctor role after splash screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-070 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_89

Test Description: To verify app provides provision for username and password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC.  2. Caregiver/doctor roles are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro Desktop app. | N/A Proceed to next step |  |  |
| #2 | Observe the screen for provisions to enter username and password. | App shall provide provisions as "text boxes" for user to enter username and password. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-069 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_90

Test Description: To verify username and password entry fields in login screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the username and password entry fields | “Enter User Name” and “Enter P password” text boxes shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_91

Test Description: To verify "Enter Username" and "Enter Password" messages are displaying in respective fields.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the login screen for "Enter Username" and "Enter Password" messages. | "Enter Username" and "Enter Password" shall display in respective fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_92

Test Description: To verify "Enter Username" message is disappearing by click on username entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on username entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the entry field. | "Enter Username" message shall disappear in username entry field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_92a

Test Description: To verify username entry field is accepting user entry upon "Enter Username" message disappeared.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter some text in username field | Username entry field shall accept user entries. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_93

Test Description: To verify "Enter Password" message is disappearing by click on password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on password entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the entry field. | "Enter Password" message shall disappear in password entry field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071c |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_93a

Test Description: To verify password entry field is accepting user entry upon "Enter Password" message disappeared.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on password entry field. | N/A Proceed to next step |  |  |
| #2 | Enter some text in password field. | Password entry field shall accept user entries. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071c |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_94

Test Description: To verify error message when caregiver/doctor password field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Leave password field blank. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Please enter the password". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_95

Test Description: To verify error message for invalid password of caregiver/doctor.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Invalid Credentials". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_96

Test Description: To verify error message when caregiver/doctor username field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username field blank. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Please enter the Username" |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_97

Test Description: To verify error message for invalid username of caregiver/doctor.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of caregiver/doctor | N/A Proceed to next step |  |  |
| #2 | Enter valid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as "Invalid Credentials!". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_98

Test Description: To verify error message when caregiver/doctor entry fields are empty.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username and password entry fields blank. | N/A Proceed to next step |  |  |
| #2 | Click on login button. | N/A Proceed to next step |  |  |
| #3 | Observe the error message. | App shall display error message as "Please enter the User Name  Please enter the password". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_99

Test Description: To verify error message when caregiver/doctor entry fields are invalid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as “ Invalid Credentials!” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_100

Test Description: To verify error message when caregiver/doctor username field is invalid and password field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Leave password field blank. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as “ Please enter Password” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_101

Test Description: To verify error message when caregiver/doctor password field is invalid and username field is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave username field blank. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as “ Please enter the User Name”. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-071b |
| AP-SRS-071c |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_102

Test Description: To verify password entry field when user enters less than 4 characters in password entry filed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username in username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter less than 4 characters in password entry field. Ex: dfg | N/A Proceed to next step |  |  |
| #3 | Click on login button. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-072 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_102a

Test Description: When user enters more than 24 characters in password entry field in password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username in username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter more than 24 characters in password entry field. Ex: absgvdgddvyyy2345678912345. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-072 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_102b

Test Description: To verify app behavior when user enters 24 characters in password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username in username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter 24 characters in password entry field. Ex: Cal@2389345678dfrewqytrv | N/A Proceed to next step |  |  |
| #3 | Click on login button. | App shall accept 24 characters and navigates to next screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-072 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_103

Test Description: To verify entered characters are hidden in password field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username in username entry field. | N/A Proceed to next step |  |  |
| #2 | Enter password in password entry field. | N/A Proceed to next step |  |  |
| #3 | Observe the characters in password entry field. | Characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-073 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_104

Test Description: To verify “show icon” checkbox in password entry field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the show icon checkbox in login screen. | Show icon check box shall display in login screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-074 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_104a

Test Description: To verify “show icon” check box functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username. | N/A Proceed to next step |  |  |
| #2 | Enter password. | N/A Proceed to next step |  |  |
| #3 | Click on show icon check box in login screen. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | Upon click on show icon check box, entered characters shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-074 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_104b

Test Description: To verify hide icon functionality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter username. | N/A Proceed to next step |  |  |
| #2 | Enter password. | N/A Proceed to next step |  |  |
| #3 | Click on show icon checkbox in login screen. | N/A Proceed to next step |  |  |
| #4 | Again click on “Show icon” check box. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | Upon click on “Show icon” check box again, entered characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-074 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_105

Test Description: To verify displaying of login button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe login button in login screen. | Login button shall display below the username and password entry fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-075 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_105

Test Description: To inspect forgot password option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe forgot password option in login page. | Forgot password option shall display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-076 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_106

Test Description: To verify functionality of forgot password option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Leave password field blank. | N/A Proceed to next step |  |  |
| #3 | Click on forgot password option. | N/A Proceed to next step |  |  |
| #4 | Observe the message. | App shall display “Please contact your admin for password reset or contact the iCaltech service Engineer” |  |  |
| #5 | Go to admin and login with admin credentials. | App shall display admin screen. |  |  |
| #6 | Click on staff information. | N/A Proceed to next step |  |  |
| #7 | Click on edit button of particular staff. | N/A Proceed to next step |  |  |
| #8 | Click on edit button in edit staff screen and click on change password. | Change password textbox shall be enabled. |  |  |
| #9 | Enter new password and save. | App shall update technician password successfully. |  |  |
| #10 | Provide edited password to techinician and login. | App shall login successfully using new password. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-091 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_107

Test Description: To verify app accepts registered email ID as username.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin and email ID is provided while creating Staff.  2. App is in Technician/doctor login screen.  3. Passwords are created  Pre-Information: Doctor/Caregiver is already registered. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter registered e-mail ID. | N/A Proceed to next step |  |  |
| #2 | Enter Password which is given by admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall accept entered username. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-077 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_108

Test Description: To verify app accepts entered valid username and password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin without registering the email address.  2. App is in Technician/doctor login screen.  3. Passwords are created  Pre-Information: Doctor/Caregiver is already registered. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter User Name created in admin screen. | N/A Proceed to next step |  |  |
| #2 | Enter Password which is given by admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall accept entered username. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-077 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_109

Test Description: To verify Change password option to user in navigation bar.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username. | N/A Proceed to next step |  |  |
| #2 | Enter password which is given by admin. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe navigation bar and check for “Change password” option. | App shall provide change password option. |  |  |
| #5 | Click on change password option | App shall direct to change password screen. |  |  |
| #7 | Observe the fields in change password screen. | In Change Password screen, below fields shall be available.   * Current Password * New Password * Confirm Password * Submit button. * Back button |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-078 |
| AP-SRS-079 |
| AP-SRS-080 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_110

Test Description: To verify entered characters are hidden in Current password field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin .  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Current password in password entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the characters in Current password entry field. | Characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-073 |
| AP-SRS-080 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_111

Test Description: To verify entered characters are hidden in new password field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials created by admin.  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter new password (user defined password) in password entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the characters in new password entry field. | Characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-073 |
| AP-SRS-080 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_112

Test Description: To verify entered characters are hidden in confirm password field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin.  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter confirm password (Re-enter user defined password) in password entry field. | N/A Proceed to next step |  |  |
| #2 | Observe the characters in confirm password entry field. | Characters shall be displayed as "\*\*\*\*\*\*" or "……….". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-073 |
| AP-SRS-080 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_113

Test Description: To verify input character limit of new password field in change password screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter current password.Ex: Cal@23 and confirm password. | N/A Proceed to next step |  |  |
| #2 | Try to enter new password by following inputs:  2a) Blank new password and click on save.  "New password": “ ” | App shall display appropriate error message. |  |  |
| #3 | 2b)Enter more than 24 characters and click on save.  "New password": “1234215465678902345683456” | App shall display appropriate error message. |  |  |
| #4 | 2c)Enter less than 4 characters and click on save.  "New password": “Ca$" | App shall display appropriate error message. |  |  |
| #5 | 2d)Enter only special characters and click on save.  "New password": "@#!@#$" | App shall display appropriate error message. |  |  |
| #6 | 2e) Enter only numbers and click on save  "New password": "4577845" | App shall display appropriate error message. |  |  |
| #7 | 2f) Enter only uppercase alphabets and click on save.  "New password": "CALTECH" | App shall display appropriate error message. |  |  |
| #8 | 2g) Enter only lowercase alphabets and click on save.  "New password": "caltech" | App shall display appropriate error message. |  |  |
| #9 | 2h)Blank spaces in between the characters and click on save.  "New password": “Calt 12". | App shall display appropriate error message. |  |  |
| #10 | 2i)Enter 8 alphanumeric and click on save.  "New password": “Calt1234". | App shall display appropriate error message. |  |  |
| #11 | 2j) Enter 8 alphanumeric with special character and click on save.  "New password": "Cal@1234". | App shall accept entered new password. |  |  |
| #12 | 2k) Enter password with 1 letter and 1 number with special characters and click on save.  "New password": "C!@#$9" | App shall display appropriate error message. |  |  |
| #13 | 2l) Enter alphabets with special characters.  New password: cs$% | App shall display appropriate error message. |  |  |
| #14 | 2m) Enter numerics with special characters.  New password: 123$%^ | App shall display appropriate error message. |  |  |
| #15 | 2n) Enter new password with 1 lowercase, 1 uppercase , 1 special character, one numerics. Ex: Cal@12.  Click on submit button. | New password shall be accepted. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_114

Test Description: To verify input character limit of confirm password field in change password screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter current password.Ex: Cal@23 and confirm password. | N/A Proceed to next step |  |  |
| #2 | Try to enter new password and confirm password by following inputs:  2a) Blank new password/confirm password and click on save.  "Ex : “ ” | App shall display appropriate error message. |  |  |
| #3 | 2b)Enter more than 24 characters and click on save.Ex : “1234215465678902345683456” | App shall display appropriate error message. |  |  |
| #4 | 2c)Enter less than 4 characters and click on save.  Ex : “Ca$" | App shall display appropriate error message. |  |  |
| #5 | 2d)Enter only special characters and click on save.  Ex : "@#!@#$" | App shall display appropriate error message. |  |  |
| #6 | 2e) Enter only numbers and click on save  Ex : "4577845" | App shall display appropriate error message. |  |  |
| #7 | 2f) Enter only uppercase alphabets and click on save.  Ex : "CALTECH" | App shall display appropriate error message. |  |  |
| #8 | 2g) Enter only lowercase alphabets and click on save.  Ex : "caltech" | App shall display appropriate error message. |  |  |
| #9 | 2h)Blank spaces in between the characters and click on save.  Ex : “Calt 12". | App shall display appropriate error message. |  |  |
| #10 | 2i)Enter 8 alphanumeric and click on save.  Ex : “Calt1234". | App shall display appropriate error message. |  |  |
| #11 | 2j) Enter 8 alphanumeric with special character and click on save.  Ex: "Cal@1234". | App shall accept entered new and confirm password. |  |  |
| #12 | 2k) Enter password with 1 letter and 1 number with special characters and click on save.  Ex : "C!@#$9" | App shall display appropriate error message. |  |  |
| #13 | 2l) Enter alphabets with special characters.Ex : cs$% | App shall display appropriate error message. |  |  |
| #14 | 2m) Enter numerics with special characters.  Ex: 123$%^ | App shall display appropriate error message. |  |  |
| #15 | 2n) Enter new password with 1 lowercase, 1 uppercase , 1 special character, one numerics. Ex: Cal@12.  Click on submit button. | As expected app shall accept entered new and confirm shall be accepted. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-082 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_115

Test Description: To verify error message, when current password is not matching.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin.  3. App is in Technician/doctor change password screen.  Pre-information: Username: ste@gmail.com, Password: Cal@12 are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Current password, which is not created by admin Ex: cv#r1. | N/A Proceed to next step |  |  |
| #2 | Enter new password Ex: Cas@23. | N/A Proceed to next step |  |  |
| #3 | Enter confirm password Ex: Cas@23. | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082a |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_116

Test Description: To verify error message, when current password is entered and new, confirm password fields are blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin  3. App is in Technician/doctor change password screen.  Pre-information: Username: ste@gmail.com, Password: Cal@12 are created by admin | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | **Scenario 1**: Invalid Current password.  1. Enter Current password, which is not created by admin Ex: cv#r1. | N/A Proceed to next step |  |  |
| #2 | Leave new, confirm password fields blank. Ex: <blank> | N/A Proceed to next step |  |  |
| #3 | Click on submit button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display appropriate error messages for individual fields. |  |  |
| #5 | **Scenario 2:** Valid Current password. Enter Current password, which is created by admin. Ex: Cal@12. | N/A Proceed to next step |  |  |
| #6 | Leave new, confirm password fields blank. Ex: <blank> | N/A Proceed to next step |  |  |
| #7 | Click on submit button. | N/A Proceed to next step |  |  |
| #8 | Observe the error message. | App shall display appropriate error messages for individual fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_117

Test Description: To verify error message, when current password is blank and new, confirm password are same.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin  3. App is in Technician/doctor change password screen.  Pre-information: Username: ste@gmail.com, Password: Cal@12 are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave Current password blank. Ex: <blank> | N/A Proceed to next step |  |  |
| #2 | Enter new password. Ex: Cas@23. | N/A Proceed to next step |  |  |
| #3 | Enter Confirm password Ex: Cas@23 | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_118

Test Description: To verify error message, when Current password, new password are entered and Confirm password is blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin.  3. App is in Technician/doctor change password screen.  Pre-information: Username: ste@gmail.com, Password: Cal@12 are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Current password blank. Ex: Cal@23 | N/A Proceed to next step |  |  |
| #2 | Enter new password. Ex: Cas@23. | N/A Proceed to next step |  |  |
| #3 | Leave Confirm password blank. Ex: <blank>. | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-082a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_119

Test Description: To verify error message, when new password and Confirm password are not matching.

Scenario 1: Invalid new password and valid confirm password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin. .  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Current password Ex: Cal@23 | N/A Proceed to next step |  |  |
| #2 | Enter new password. Ex: C@@@@. | N/A Proceed to next step |  |  |
| #3 | Enter Confirm password. Ex: Cas@23 | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-082a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_120

Test Description: To verify error message, when new password and Confirm password are not matching.

Scenario 2: Valid new password and Invalid Confirm password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. User credentials are created by admin.  3. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Current password Ex: Cal@23 | N/A Proceed to next step |  |  |
| #2 | Enter new password. Ex: Cas@23 . | N/A Proceed to next step |  |  |
| #3 | Enter Confirm password. Ex: C@@@@ | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_121

Test Description: To verify error message when none of the fields are entered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave all fields blank. | N/A Proceed to next step |  |  |
| #2 | Click on submit button. | N/A Proceed to next step |  |  |
| #3 | Observe the error message. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-082a |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_122

Test Description: To verify success message after successful password reset.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. App is in Technician/doctor change password screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter current password. | N/A Proceed to next step |  |  |
| #2 | Enter new password. Ex: Cas@12 | N/A Proceed to next step |  |  |
| #3 | Re-enter the new password. Ex: Cas@12 | N/A Proceed to next step |  |  |
| #4 | Click on submit button. | N/A Proceed to next step |  |  |
| #5 | Observe success message. | App shall display message as “Password changed successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-081 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |











## TC\_AP\_SRS\_123

Test Description: To verify app rejects when unregistered email ID is entered as username.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully.  2. Doctor/caregiver is already registered, and Credentials are created by admin. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A Proceed to next step |  |  |
| #2 | Observe splash screen. | N/A Proceed to next step |  |  |
| #3 | Enter unregistered e-mail ID in login screen. Ex: Avc@gmail.com | N/A Proceed to next step |  |  |
| #4 | Enter Password which is given by admin in login screen | N/A Proceed to next step |  |  |
| #5 | Click on login button. | App shall display appropriate error message. |  |  |
| #6 | Observe app behavior. | -Shall not allow to access the app. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-084 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_124

Test Description: To verify app accepts registered email ID as username.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully.  2. Doctor/caregiver is already registered, and Credentials are created by admin.  Pre-Information: Doctor/caregiver email id is already registered | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A Proceed to next step |  |  |
| #2 | Observe splash screen. | N/A Proceed to next step |  |  |
| #3 | Enter registered e-mail ID. Ex: Stel@gmail.com | N/A Proceed to next step |  |  |
| #4 | Enter Password which is given by admin in login screen | N/A Proceed to next step |  |  |
| #5 | Click on login button. | N/A Proceed to next step |  |  |
| #6 | Observe app behavior. | App shall accept entered username and shall display technician home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-084 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_125

Test Description: To verify app accepts user defined password.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed.  2. Doctor/caregiver is already registered, and Credentials are created by admin  3. User password has been changed already. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A Proceed to next step |  |  |
| #2 | Observe splash screen. | N/A Proceed to next step |  |  |
| #3 | Enter registered e-mail ID. Ex: Stel@gmail.com | N/A Proceed to next step |  |  |
| #4 | Enter user defined password | N/A Proceed to next step |  |  |
| #5 | Click on login button. | App shall accept user defined password and saved successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-085 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_126

Test Description: To verify accessing of application when valid username and password is entered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed.  2. Doctor/caregiver is already registered, and Credentials are created by admin.  3. App is in Doctor/Technician login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username. | N/A Proceed to next step |  |  |
| #2 | Enter valid password. | N/A Proceed to next step |  |  |
| #3 | Click on login button, | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | App shall accept username and password.  Shall allow to access application. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-083 |
| AP-SRS-084 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_127

Test Description: To verify app displays respective home page based on roles.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed.  2. Admin credentials are available  3. App is in login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter admin username. | N/A Proceed to next step |  |  |
| #2 | Enter admin password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | For admin login app shall display home screen with:  - Hospital Information  - Staff Information  - Cut off values  - Settings options.  - Connect  - Menu |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_127a

Test Description: To verify app displays respective home page based on roles.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed.  2. Doctor/caregiver is already registered, and Credentials are created by admin.  3. App is in login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter Doctor/caregiver username. | N/A Proceed to next step |  |  |
| #2 | Enter caregiver password. | N/A Proceed to next step |  |  |
| #3 | Click on login button. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | For caregiver login app shall display home screen with:   * Patient Information * Conduct test * Verification * Settings * Change Password * Contact Us * About * Help |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-086 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_128

Test Description: To inspect "Forgot password" option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe "Forgot password" button is provided below login button. | App shall display "Forgot password" button below login button. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-087 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_129

Test Description: To verify Forgot password functionality in edit staff of admin login.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Staff is created and App is in staff list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select particular staff | N/A Proceed to next step |  |  |
| #2 | Click on edit button. | App navigates to edit staff screen. |  |  |
| #3 | Observe change password button. | Change password button shall be in disabled mode. |  |  |
| #4 | Click on edit button and Click on change password button. | App shall enable change password text field. |  |  |
| #5 | Enter new password. | N/A Proceed to next step |  |  |
| #6 | Click on save button. | App shall display staff updated successfully message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-051a |
| AP-SRS-088 |
| AP-SRS-089 |
| AP-SRS-090 |
| AP-SRS-091 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_130

Test Description: To verify displaying of technician/doctor home screen for valid credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. Doctor/caregiver is already registered and Credentials are created by admin.  3. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Enter valid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button and observe the screen. | Technician/doctor home screen shall display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-092 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_130a

Test Description: To verify displaying of technician/doctor home screen for invalid credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver/doctor roles are created by admin.  2. Doctor/caregiver is already registered and Credentials are created by admin.  3. App is in Technician/doctor login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username of caregiver/doctor. | N/A Proceed to next step |  |  |
| #2 | Enter invalid password of caregiver/doctor. | N/A Proceed to next step |  |  |
| #3 | Click on login button and observe the screen. | App shall display appropriate error message and shall not display technician/doctor home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-092 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_131

Test Description: To verify options in technician/doctor home screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the options in technician/doctor home screen. | App shall display below options in navigation bar screen.   * Patient Information * Conduct test * Verification * Settings * Change Password * Contact Us * About * Help |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-093 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_132

Test Description: To verify technician/doctor can able to select only one option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on particular option. Ex: settings | N/A Proceed to next step |  |  |
| #2 | Observe the screen. | App shall allow to select settings option and shall navigate to settings screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-094 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_133

Test Description: To verify technician/doctor can select both options at a time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Try to select both options at a time ex: patient information and conduct test options. | N/A Proceed to next step |  |  |
| #2 | Observe the app screen. | App shall not allow to select both options at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-094 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_134

Test Description: To verify selected option is identifiable, upon click on respective option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the options color in navigation bar. | N/A Proceed to next step |  |  |
| #2 | Click on respective option. Ex: settings | N/A Proceed to next step |  |  |
| #3 | Observe the selected option color. | Upon click on selected option (settings) color shall be identifiable. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-095 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_134a

Test Description: To verify reference impedance verification auto stop in 30sec.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Admin login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Goto menu and select settings option from dropdown list | App should navigate to settings screen |  |  |
| #2 | Enter the device ID | Entered device ID should displayed in device ID field |  |  |
| #3 | Enter the lower and upper threshold value (eg: 0.15 to 0.20)for mono 5 and click on save button | N/A proceed to next step |  |  |
| #4 | Logout from admin login and login as user | App should navigate to User home screen |  |  |
| #5 | Visually inspect for the verification field | Verification field should be available in user navigation bar. |  |  |
| #6 | Click on verification | App should navigate to verification screen |  |  |
| #7 | Insert the reference resistance into the device and select the required frequency mode in app, click on Start and observe the application behavior | Test should start, graph should be displayed and the Reference resistance impedance value should be displayed. After 30sec test should stop automatically and start button should be enabled |  |  |
| #8 | Visually inspect the reference resistance impedance value | Reference resistance impedance value should be in Black color |  |  |
| #9 | If wants to test again select the mono5 frequency mode and click on start | Test shall automatically stops after 30 sec and reference value shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-095a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_134b

Test Description: To verify Application software shall prompt for carrying verification of device by reference impedance.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.User login credentials should be available  2. App should be in login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter the user login credentials and Click on login button and observe the application behavior | App should navigate to user home screen and “Please perform device verification before stating the test” popup message shall be displayed. |  |  |
| #2 | Logout form user login and once again login with same credentials | App should navigate to user home screen and “Please verify the device for accurate and reliable reading” popup message shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-095b |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_134c

Test Description: To verify Application software shall show last verification done details/log of earlier verification test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App should be in user login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect verification field and click on that. | App shall navigate to verification screen |  |  |
| #2 | Visually inspect for “last verification done details/log of earlier verification test” field | “Last verification done details/log of earlier verification test” field shall be available |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-095c |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_135

Test Description: To verify user can able to add new patient information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Doctor/Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information | N/A Proceed to next step |  |  |
| #2 | Click on Add new patient option. | N/A Proceed to next step |  |  |
| #3 | Fill all the patient details | N/A Proceed to next step |  |  |
| #4 | Click on save. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | App shall allow user to add patient information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-096 |
| AP-SRS-129 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_135a

Test Description: To verify user can able to view/Edit added patient information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Doctor/Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information | N/A Proceed to next step |  |  |
| #2 | Observe the patient list. | App shall list all the patient details created. |  |  |
| #3 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #4 | Click on edit button. | App shall display all patient details. |  |  |
| #5 | Observe the app behavior. | App shall allow user to Edit patient information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-096 |
| AP-SRS-129 |
| AP-SRS-136 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_136

Test Description: To verify options provided in patient information screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.User have been logged in.  2. App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Patient information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the options provided. | App shall provide “Add Patient” and “Edit” ,”Delete” and “View Report” options to user. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-097 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_137

Test Description: To inspect input entry fields in add new patient screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Patient information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Add Patient" option. | N/A Proceed to next step |  |  |
| #3 | Observe the input text fields provided. | App shall provide input text box for entering.   * Patient ID * First Name * Last name * Phone number * Height * Weight * E-mail * Age * Referred By |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-098 |
| AP-SRS-099 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_137a

Test Description: Patient ID shall be auto generated and option to enter manually as well.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app should be available | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Login as User | App should navigate to user home screen |  |  |
| #2 | Visually inspect for the ‘Patient Information’ field in navigation bar. | Patient info field should be available |  |  |
| #3 | Click on "Patient information" option in navigation bar. | Patient info screen should display |  |  |
| #4 | Visually inspect for the “Add Patient” button | Add patient button should be available |  |  |
| #5 | Click on "Add Patient" option. | App should navigate to Add new patient screen |  |  |
| #6 | Visually inspect the auto generated patient ID | Auto generated patient ID format should be “<Hospital Id>000001 <6 digits after hospital id>”  Example:  Hospital Id: 1221  Patient ID 1: 1221000001  Patient ID 2: 1221000002 |  |  |
| #7 | Visually inspect for the Patient ID generated. | Patient ID should be available on the field, and it should be unique, it should be a serial number and it should be auto generated |  |  |
| #8 | Enter all the mandatory fields and click on save and conduct test | Patient details should be saved successfully |  |  |
| #9 | Visually inspect the application behavior | App should navigate to conduct test screen |  |  |
| #10 | Select the test type and frequency mode and click on start button | Graph should plot on the screen |  |  |
| #11 | Capture the test | N/A proceed to next step |  |  |
| #12 | Visually inspect for ‘view report” button | “View report” button should be available |  |  |
| #13 | Click on ‘View report’ | App should navigate to ‘Report’ screen |  |  |
| #14 | Visually inspect for Patient ID field | Patient id should be available . |  |  |
| #15 | Compare the patient Id for a particular patient in Patient info screen and the Patient Id in Report screen | Both the Patient ID’s should be same |  |  |
| #16 | Visually inspect the for the Save button | Save button should be available |  |  |
| #17 | Click on save button and observe the application behavior | App should navigate to ‘Save as’ Pop up window |  |  |
| #18 | Save the file in a required location | PDF file should be saved successfully |  |  |
| #19 | Observe the ‘Patient ID’ in PDF report | Patient ID should be available in PDF report |  |  |
| #20 | Compare the patient Id for a particular patient in Patient info screen, the Patient Id in Report screen and the Patient ID in PDF report | All the patient IDs should be same |  |  |
| #21 | Repeat steps 1 to 5 | App should navigate to Add patient screen |  |  |
| #21 | Click on auto generated patient ID field and enter the ID manually | App should support manual entry for patient ID |  |  |
| #22 | Repeat steps 8 to 20 | Patient ID should be available in PDF report |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-098a |
| AP-SRS-099 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_138

Test Description: To inspect the dropdown fields in add new patient screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Patient information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Add new patient" option. | N/A Proceed to next step |  |  |
| #3 | Observe dropdown fields provided. | Following fields should be displayed as drop-down fields in add new patient screen.  • Gender  • Region  • Smoker  • Assign Caregiver |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-099 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_139

Test Description: To inspect the gender field dropdown options.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Patient information" option in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on "Add Patient" option. | N/A Proceed to next step |  |  |
| #3 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #4 | Observe the options listed. | App shall list Male, Female and Non-Binary options in gender dropdown. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-100 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_140

Test Description: To verify app restricts multiple gender selections at a time from the dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #2 | Try to select two options from the dropdown list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow to select two options from the dropdown at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-101 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_140a

Test Description: To verify selection of one option from gender dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Gender field dropdown. | N/A Proceed to next step |  |  |
| #2 | Select any one option from the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall allow to select one option from the dropdown list and shall display selected option |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-101 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_141

Test Description: To verify app allows user to select date, month and year from DOB icon.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Date of Birth” option. | N/A Proceed to next step |  |  |
| #2 | Select the Calendar icon | N/A Proceed to next step |  |  |
| #2 | Select “Year”, “Month” and “Date of Birth”. | App shall allow to select year, month and date of birth. |  |  |
| #3 | Observe app behavior. | App shall display selected date, month and year in DOB Field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-102 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_142

Test Description: To verify app restricts multiple DOB selections at a time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Try to select two dates at a time from Calendar. | N/A Proceed to next step |  |  |
| #2 | Try to select two months at a time from month Calendar. | N/A Proceed to next step |  |  |
| #3 | Try to select two years at a time from Calendar. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior | App shall not allow to select two dates, months and years at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-103 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_142a

Test Description: To verify Application shall allow to enter DOB manually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect for the “Date of Birth” field | “Date of Birth” field should be available in add patient screen |  |  |
| #2 | Manually enter the DOB | App should allow to enter the DOB manually in following format : DD/MM/YYYY |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-103a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_143

Test Description: To inspect region field options.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Region field dropdown. | N/A Proceed to next step |  |  |
| #2 | Observe options in region dropdown. | App shall display :   * *North* * *North-East* * *North-West* * *East* * *West* * *South* * *South-East* * *South-West* |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-104 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_144

Test Description: To verify app restricts multiple region selections at a time from the drop-down list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Region field dropdown. | N/A Proceed to next step |  |  |
| #2 | Try to select two options from the dropdown list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow to select two options from the dropdown at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-105 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_145

Test Description: To verify selection of one option from “Region” dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Region field dropdown. | N/A Proceed to next step |  |  |
| #2 | Select any one option from the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall allow to select one option from the dropdown list and shall display selected option. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-105 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_146

Test Description: To inspect smoker dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on smoker field dropdown field. | N/A Proceed to next step |  |  |
| #2 | Observe the options listed. | App shall provide below options:   * *Current* * *Ex* * *Never* |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-106 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_147

Test Description: To verify app restricts multiple smoker selections at a time from dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on smoker field dropdown. | N/A Proceed to next step |  |  |
| #2 | Try to select two options from the dropdown list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow to select two options from the dropdown at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-107 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_148

Test Description: To verify selection of one option from smoker dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on smoker field dropdown. | N/A Proceed to next step |  |  |
| #2 | Select any one option from the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall allow to select one option from the dropdown list and shall display selected option. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-107 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_149

Test Description: To inspect assign caregiver dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen.  3. Staffs are already created | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on assign caregiver dropdown. | N/A Proceed to next step |  |  |
| #2 | Observe the app behavior. | App shall display list of added caregiver names. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-108 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_150

Test Description: To verify Application shall allow to enter Age manually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect for the Age field | Age field should be available in add patient screen |  |  |
| #2 | Enet the ‘Age’ manually and observe the application behavior | App should allow to enter the Age manually |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-110 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_151

Test Description: To verify BMI is auto updated based on entered height and weight.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter patient height | N/A Proceed to next step |  |  |
| #2 | Enter patient weight | N/A Proceed to next step |  |  |
| #3 | Observe the BMI field. | App shall automatically update BMI field based on entered height & weight. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-111 |
| AP-SRS-099 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_152

Test Description: To verify notification message for wrong input field entry in add new patient screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter valid firstname, lastname, height,weight, email id. | N/A Proceed to next step |  |  |
| #2 | Select gender,smoker, Dob, Assign staff. | N/A Proceed to next step |  |  |
| #3 | Enter invalid Phone number Ex: qewrteyuu. | N/A Proceed to next step |  |  |
| #4 | Click on save button. | N/A Proceed to next step |  |  |
| #5 | Observe the notification message. | App shall notify the user by displaying appropriate error message. |  |  |
| #6 | Similarly add invalid details in other field and check the app behaviour. | App shall display appropriate error message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-112 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_153

Test Description: To inspect mandatory fields are marked with asterisk (\*) symbol.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe add new patient screen for asterisk(\*) symbol | Asterisk symbol shall be marked for mandatory fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-113 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_154

Test Description: To verify save functionality when mandatory fields are left blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave madatory fields (\*) blank. | N/A Proceed to next step |  |  |
| #2 | Enter text in optional fields. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | App shall not allow to save patient details without filling all mandatory fields. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-114 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_155

Test Description: To verify save functionality by entering mandatory fields.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all madatory fields (\*). | N/A Proceed to next step |  |  |
| #2 | Leave optional fields blank. | N/A Proceed to next step |  |  |
| #3 | Click on save button | Patient details shall be saved successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-114 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_156

Test Description: To verify error message when any mandatory fields are missing.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave madatory fields (\*) blank. | N/A Proceed to next step |  |  |
| #2 | Enter text in optional fields. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | N/A Proceed to next step |  |  |
| #4 | Observe the error message. | App shall display error message as “Missing <field name>”. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-115 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_157

Test Description: To verify input character limits/length of first name field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Fill valid entries in lastname, dob, phone number, weight, region and assign caregiver, gender & smoker fields. | N/A Proceed to next step |  |  |
| #2 | Try to enter first name by following inputs: | N/A Proceed to next step |  |  |
| #1a | Blank first name and click on save.  ""firstName"": “” | App shall display appropriate error message. |  |  |
| #1b | Enter 1 character and click on save.  ""firstName"": “O” | App shall display appropirate error message. |  |  |
| #1c | Enter more than 20 characters and click on save.  ""firstName"": “JackJhonsonJackJhonsonJackJhon” | App shall display appropriate error message. |  |  |
| #1d | Enter less than 20 characters and click on save.  ""firstName"": “JackJhonsonJackJhono” | N/A Proceed to next step | App shall accept the entered patient first name. |  |
| #1e | Enter 20 characters and click on save.  ""firstName"": “JackJhonsonJackJhons” | N/A Proceed to next step | App shall accept the entered details. |  |
| #1f | Enter 2 characters and click on save.  ""firstName"": “Ja" | N/A Proceed to next step | App shall accept the entered details. |  |
| #1g | Enter alphanumeric and click on save.  ""firstName"" “Moore567” | N/A Proceed to next step | App shall display appropriate error message. |  |
| #1h | Special characters and click on save.  ""firstName"":”Leash!@#$” | N/A Proceed to next step | App shall display appropriate error message. |  |
| #1i | Blank spaces in between the characters and click on save. ""firstName"": “Peters Luis | N/A Proceed to next step | App shall accept the entered details. |  |
| #1j | Enter only numbers and click on save.  ""firstName"": “54792843985" | N/A Proceed to next step | App shall display appropriate error message. |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-116 |
| AP-SRS-121 |
| AP-SRS-117 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_158

Test Description: To verify input character limits/length of phone number field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Fill valid entries in firstname, lastname, dob, height,weight, region and assign caregiver, gender & smoker fields. | N/A Proceed to next step |  |  |
| #2 | Try to enter phone number by following inputs: | N/A Proceed to next step |  |  |
| #1a | Blank phone number and click on save.  ""phone number"": “” | App shall save the patient details |  |  |
| #1b | Enter 1 numeric and click on save.  ""phone number"": “1” | App shall display appropriate error message. |  |  |
| #1c | Enter more than 15 numerics click on save. ""phone number"": “1234567891011121314151617” | App shall display appropriate error message. |  |  |
| #1d | Enter less than 15 numerics and click on save.  ""phone number"": “12345678910” | App shall accept the entered phone number. |  |  |
| #1e | Enter 15 numerics and click on save.  ""phone number"": “123456789102345” | App shall accept the entered phone number. |  |  |
| #1f | Enter alphanumeric and click on save.  ""phone number"" “Moore567” | App shall display appropriate error message. |  |  |
| #1g | Special characters and click on save.  ""phone number"":”Leash!@#$” | App shall display appropriate error message. |  |  |
| #1h | Blank spaces in between the numerics and click on save. ""phone number"": “123 456" | App shall display appropriate error message. |  |  |
| #1i | EnterLess than 8 numerics and click on save.  ""phone number"": “12345” | App shall display appropriate error message. |  |  |
| #j | Enter 8 numerics and click on save.  ""phone number"": “12345678” | App shall accept the entered numbers. |  |  |
| #1k | Enter 10 numerics and click on save.  ""phone number"": “1234567891” | App shall accept the entered numbers. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-118 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_159

Test Description: To verify input character limit/length of height field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Admin or Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Fill valid entries in firstname, lastname, dob, phone number, weight, region and assign caregiver, gender & smoker fields | N/A Proceed to next step |  |  |
| #2 | Enter height in inches input field with the following input combinations. | N/A Proceed to next step |  |  |
| #a | Enter two digits and click on save. Eg: 12 | App shall accept entered height |  |  |
| #b | Enter number with decimal point and click on save.. Eg: 4.5 | App shall accept entered height |  |  |
| #c | Enter alphabets and click on save. EX: abdc | App shall display appropriate error message. |  |  |
| #d | Leave Height in feet input field blank and click on save.. Eg: <blank> | App displays error message as "Missing Height" |  |  |
| #3 | Enter height in centimeters input field with the following input combinations. | N/A Proceed to next step |  |  |
| #a | Enter three digits and click on save.. Eg: 123 | App shall accept height field in centimeters. |  |  |
| #b | Enter number with decimal point and click on save.. Eg: 4.5 | App shall accept height field in centimeters. |  |  |
| #c | Enter alphabets and click on save. EX: abdc | App shall display appropriate error message. |  |  |
| #d | Leave Height in inch input field blank and click on save.. Eg: <blank> | App displays error message as "Missing Height" |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-119 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_160

Test Description: To verify input character limit/length of weight field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Fill valid entries in firstname, lastname, dob, height,phone number, region and assign caregiver, gender & smoker fields. | N/A Proceed to next step |  |  |
| #2 | Enter weight in kg input field with the following input combinations. | N/A Proceed to next step |  |  |
| #a | Leave weight input field blank and click on save Ex: <blank> | App shall display error message as "Missing Weight” |  |  |
| #b | Enter alphabets and click on save. EX: abdc | App shall display appropriate error message |  |  |
| #c | Enter weight with decimal point and click on save Ex: 58.6 | App shall accept weight in kg. |  |  |
| #d | Enter weight without decimal point and click on save Ex: 46 | App shall accept weight in kg. |  |  |
| 3 | Enter weight in pounds input field with the following input combinations. | N/A Proceed to next step |  |  |
| #a | Leave weight input field blank and click on save Ex: <blank> | App shall display error message as "Missing Weight” |  |  |
| #b | Enter alphabets and click on save. EX: abdc | App shall display appropriate error message |  |  |
| #c | Enter weight with decimal point and click on save Ex: 58.6 | App shall accept weight in pounds. |  |  |
| #d | Enter weight without decimal point and click on save Ex: 46 | App shall accept weight in pounds. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-120 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_161

Test Description: To verify all notifications text color in the screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Leave madatory fields blank and click on save. | N/A Proceed to next step |  |  |
| #2 | Observe the notification text color. | N/A Proceed to next step |  |  |
| #3 | Enter invalid first name and last name and click on save | N/A Proceed to next step |  |  |
| #4 | Observe the notification text color. | All notifications text color shall be differentiated with other content in the screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-121a |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_162

Test Description: To inspect options provided in add new patient screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information option in home screen | N/A Proceed to next step |  |  |
| #2 | Click on "Add new patient" option. | N/A Proceed to next step |  |  |
| #3 | Observe the options provided. | App shall provide below options:   1. Back 2. Clear 3. Save and Conduct test 4. Save and add more\*\* |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-122 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_163

Test Description: To verify success message after saving new patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name. | N/A Proceed to next step |  |  |
| #2 | Enter last name. | N/A Proceed to next step |  |  |
| #3 | Enter patient ID. | N/A Proceed to next step |  |  |
| #4 | Enter phone number. | N/A Proceed to next step |  |  |
| #5 | Enter height in inches or centimeters. | N/A Proceed to next step |  |  |
| #6 | Enter weight in kilograms or pounds. | N/A Proceed to next step |  |  |
| #7 | Select gender from dropdown list. | N/A Proceed to next step |  |  |
| #8 | Select DOB from calendar. | N/A Proceed to next step |  |  |
| #9 | Select Region from dropdown list. | N/A Proceed to next step |  |  |
| #10 | Select smoker from dropdown list. | N/A Proceed to next step |  |  |
| #11 | Selectcaregiver from dropdown list. | N/A Proceed to next step |  |  |
| #12 | Observe Age is updated automatically based on DOB selected. | N/A Proceed to next step |  |  |
| #13 | Observe BMI is updated automatically based on Height & weight entered. | N/A Proceed to next step |  |  |
| #14 | Click on "Save and add more" button. | N/A Proceed to next step |  |  |
| #15 | Observe success message. | App shall display success message as “Patient saved Successfully” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-123 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_163a

Test Description: To verify all fields are cleared in add new patient screen after successful saving.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Repeat step 1 to 14 of TC\_AP\_SRS\_163. | App shall clear all fields after successfully saving patient information. |  |  |
| #2 | Observe all fields in "Add new patient" screen | -Shall allow to add new patient. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-123 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_164

Test Description: To verify app behavior when user clicks on "Clear" button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all fields with valid inputs. | N/A Proceed to next step |  |  |
| #2 | Click on "Clear" button. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall ask for user confirmation when “Clear” button is clicked. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-124 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_165

Test Description: To verify cancel option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in User screen add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all fields with valid inputs. | N/A Proceed to next step |  |  |
| #2 | Click on "Clear" button. | N/A Proceed to next step |  |  |
| #3 | Click on "cancel" option in pop-up message. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | Pop-up shall disappear, and same screen shall display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-125 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_165a

Test Description: To verify “OK” option is selected in user confirmation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Technician/Doctor add new patient screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all fields with valid inputs. | N/A Proceed to next step |  |  |
| #2 | Click on "Clear" button. | N/A Proceed to next step |  |  |
| #3 | Click on "OK" option in pop-up message. | Upon click on ok, all entered fields shall be blank. |  |  |
| #4 | Observe the app behavior. | -App shall allow user to add new patient. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-125 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_166

Test Description: To verify app provides "Conduct test" option for added patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Patient Information” screen. | N/A Proceed to next step |  |  |
| #2 | Enter patient details and click on “Save and Conduct Test” | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall navigate to conduct test screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-126 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_167

Test Description: To verify creating of patient information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/caregiver has been logged in.  2. App is in Add new patient screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter first name as "Ronald". | N/A Proceed to next step |  |  |
| #2 | Enter last name as "Goveas". | N/A Proceed to next step |  |  |
| #3 | Enter patient ID as C-100. | N/A Proceed to next step |  |  |
| #4 | Enter phone number. as 0200002151 | N/A Proceed to next step |  |  |
| #5 | Enter height in inches or centimeters as 20.3 | N/A Proceed to next step |  |  |
| #6 | Enter weight in kilograms or pounds as 50 | N/A Proceed to next step |  |  |
| #7 | Select male gender from dropdown list. | N/A Proceed to next step |  |  |
| #8 | Select DOB from calendar as 02-07-1984 | N/A Proceed to next step |  |  |
| #9 | Select Region from dropdown list. | N/A Proceed to next step |  |  |
| #10 | Select "Current" smoker from dropdown list. | N/A Proceed to next step |  |  |
| #11 | caregiver from dropdown list. | N/A Proceed to next step |  |  |
| #12 | Observe Age is updated automatically based on DOB selected. | N/A Proceed to next step |  |  |
| #13 | Observe BMI is updated automatically based on Height & weight entered. | N/A Proceed to next step |  |  |
| #14 | Click on "Save" button. | App shall save the new patient information. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-127 |
| AP-SRS-128 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_167a

Test Description: To verify error message for duplication of patient information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/Caregiver has been logged in.  2. App is in Add new patient screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Repeat step 1 to 14 with same data of TC\_AP\_SRS\_167 except changing the patient ID. | N/A Proceed to next step |  |  |
| #2 | Observe app behavior. | App shall not allow to save duplicate information and shall display error message as “ Patient already exists" for duplicate entry. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-127 |
| AP-SRS-128 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_168

Test Description: To verify app allows user to delete particular patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Doctor/Caregiver has been logged in.  2. App is in User home screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on delete button and delete the patient. | App shall allow user to delete the patient. |  |  |
| #4 | Observe the app behavior. | App shall display deleted successfully message and it shall not display deleted patient in patient list |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-129 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_169

Test Description: To verify app lists patient details in “Patient information” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Click on ‘Edit’ button. | N/A Proceed to next step |  |  |
| #3 | Observe the patient details. | App shall list patient details. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-130 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_170

Test Description: To verify information available in view patient list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information option. | N/A Proceed to next step |  |  |
| #2 | Click on Edit patient. | N/A Proceed to next step |  |  |
| #3 | Observe the patient details provided in list. | App shall display patient list with Patient ID  1) First Name  2) Last name  3) DOB  4) BMI  5) Smoker  6) Phone number  7) Gender  8) Age  9)Email  10)Height  11)Weight  12)Region  13)Assign staff  14) Referred By |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-131 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_171

Test Description: To verify availability of scroll bar in patient list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Technician home screen.  2. More than 8 patients are created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the scroll-bar in Patient list screen. | Scroll bar shall be available. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-132 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_171a

Test Description: To verify scroll-down functionality in patient list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Technician home screen.  2. More than 8 patients are created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Do Scroll down in-patient list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Next patient details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-132 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_171b

Test Description: To verify scroll-up functionality in patient list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Technician home screen.  2. More than 8 patients are created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Do Scroll up in patient list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Previous patient details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-132 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_172

Test Description: To verify user can organize the patient list in ascending order.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in patient info screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | In patient list, Click on particular column header. | N/A Proceed to next step |  |  |
| #2 | Observe the upward arrow mark beside column header. | N/A Proceed to next step |  |  |
| #3 | Observe organized patient list. | App shall allow user to organize patient list in ascending order. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-133 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_172a

Test Description: To verify user can organize the patient list in descending order.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Patient info screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | In patient list, Click on particular column header. | N/A Proceed to next step |  |  |
| #2 | Observe the downward arrow mark beside column header. | N/A Proceed to next step |  |  |
| #3 | Observe organized patient list. | App shall allow user to organize patient list in descending order. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-133 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_173

Test Description: To inspect search option in patient info screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the search option provided. | App shall provide search option to find particular patient from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-134 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_174

Test Description: To verify availability of “Edit” and “Delete” icon buttons in “Patient information” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the Edit and Delete button. | App shall provide “Edit” “Delete” and “view report” buttons in “Patient info” screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-135 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_175

Test Description: To verify saving of patient information after editing.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Patient info screen.  2. Patient list is displayed. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select any specific row from patient list. | N/A Proceed to next step |  |  |
| #2 | Click on Edit button. | N/A Proceed to next step |  |  |
| #3 | Edit required fields. | N/A Proceed to next step |  |  |
| #4 | Click on save button. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | App shall allow user to save edited information by displaying success message. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-137 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_176

Test Description: To verify success message after saving edited information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Patient info screen.  2. Patient list is displayed. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select any specific row from patient list. | N/A Proceed to next step |  |  |
| #2 | Click on Edit button. | N/A Proceed to next step |  |  |
| #3 | Edit required fields. | N/A Proceed to next step |  |  |
| #4 | Click on save button. | N/A Proceed to next step |  |  |
| #5 | Observe displaying of success message. | App shall display success message as "“Patient Saved successfully”. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-138 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_177

Test Description: To verify user confirmation message when user clicks on Delete icon button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Patient info screen.  2. Patient list is displayed. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #2 | Click on delete button. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall display “Are you sure you want to delete patient test” message with “Delete” and “Cancel” options" |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-139 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_178

Test Description: To verify success message when user clicks on "Delete" option in user confirmation message.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info in home screen. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on delete button. | N/A Proceed to next step |  |  |
| #4 | In, confirmation message click on "Delete" option. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | App shall delete the selected patient from the list by displaying message as “Patient deleted successfully” |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-140 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_178a

Test Description: To verify app behavior when user selects "Cancel" option in user confirmation message.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information in home screen. | N/A Proceed to next step |  |  |
| #3 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #4 | Click on delete button. | N/A Proceed to next step |  |  |
| #5 | In, confirmation message click on "Cancel" option. | N/A Proceed to next step |  |  |
| #6 | Observe the app behavior. | Confirmation message shall disappear, and app shall display patient list screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-140 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_179

Test Description: To verify deleted patient information is not available in app after successful deletion.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in patient information screen.  2. Patient list is displayed. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #2 | Click on delete button. | N/A Proceed to next step |  |  |
| #3 | In, confirmation message click on "Delete" option. | N/A Proceed to next step |  |  |
| #4 | Ensure selected patient information is deleted. | App shall delete selected patient information and shall not be available in system/app. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-141 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_180

Test Description: To verify app allows user to view patient test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Patient information option. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list and click on view reports button. | N/A Proceed to next step |  |  |
| #3 | Observe the patient test reports | App shall allow user to view selected patient test reports. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-142 |
| AP-SRS-143 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_181

Test Description: To verify app allows user to print patient test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Patients are created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #3 | Select view reports button. | N/A Proceed to next step |  |  |
| #4 | Click on “Save as PDF” | N/A Proceed to next step |  |  |
| #5 | Open the saved PDF. | N/A Proceed to next step |  |  |
| #6 | Click on menu in PDF test report and Observe the print option. | N/A Proceed to next step |  |  |
| #7 | Click on print option. | App shall allow user to print patient test report and test report shall be printed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-142 |
| AP-SRS-143 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_182

Test Description: To verify patient information in View/Print report screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are created.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Conduct test” and | N/A Proceed to next step |  |  |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Click on “View report’ option | App will navigates to “View report” screen. |  |  |
| #3 | Observe the patient information. | App shall display patient information as  • Act tables  • Save to PDF  • Doctors comments  • Back  • Anonymize |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-144 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_183

Test Description: To verify app allows user to select specific row from the patient list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are created and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list. | N/A Proceed to next step |  |  |
| #3 | Click on the view report button and Observe the app behavior | App shall allow user to select specific row from the list and shall display selected patient reports. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-145 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_183a

Test Description: To verify multiple selection of patient row.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Try to select two patient rows from the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow user to select two rows from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-145 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_183b

Test Description: To verify app allows user to double click on specific patient row.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are created and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Double click on patient row in the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow double click to select patient. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-145 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_184

Test Description: To verify test report list, upon selection of specific patient row.

Pre-information: Patient id-002, Firstname- Rashi, Lastname-R,

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted in 2 different dates.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list and click on view reports button. | N/A Proceed to next step |  |  |
| #3 | Observe the test reports of selected patient. | Selected patient test reports list shall be displayed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-146 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_185

Test Description: To verify “view Report", when patient reports are not available.

Pre-information: Firstname-stella, Lastname-maris is created but, Test is not conducted.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created but test is not conducted for this patient.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
|  | Click on “Patient Information” option | App will navigate to patient information screen. |  |  |
|  | Observe the patient “stella maris” | For respective patient “View report” button shall be disabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-147 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_185a

Test Description: To verify “view report” status, when test is conducted for patient, but all acts are deleted upon conducting test.

Pre-information: Firstname-Sammi , Lastname- jerry is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list.  Ex: Sammi jerry. | N/A Proceed to next step |  |  |
| #3 | Click on conduct test button. | N/A Proceed to next step |  |  |
| #4 | Conduct test trial and observe the report. | N/A Proceed to next step |  |  |
| #5 | Delete all acts | N/A Proceed to next step |  |  |
| #6 | Click on patient information option. | N/A Proceed to next step |  |  |
| #7 | Select the same patient from the list and observe view reports button. Ex: Sammi jerry. | N/A Proceed to next step |  |  |
| #8 | Observe theapp behaviour.. | “View report” button shall be disabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-147 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_186

Test Description: To verify information in displayed report list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient from the list and click on view reports button. | N/A Proceed to next step |  |  |
| #3 | Observe the information in test report list. | App shall display information in test report list as  • Action  • Test Date |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-148 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_187

Test Description: To verify app allow user to select one report at a time from the list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list and select view reports button. | N/A Proceed to next step |  |  |
| #3 | Select specific report from the list. | App shall allow user to select specific report from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-149 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_187a

Test Description: To verify app allows user to select two reports at a time from the report list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list and click on view reports button. | N/A Proceed to next step |  |  |
| #3 | Try to select two reports from the list. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | App shall not allow user to select two reports from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-149 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_187b

Test Description: To verify app allows user to double click on specific report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient info option. | N/A Proceed to next step |  |  |
| #2 | Select specific patient row from the list and click on view reports button. | N/A Proceed to next step |  |  |
| #3 | Double click on patient report in the list. | N/A Proceed to next step |  |  |
| #4 | Observe the app behavior. | App shall allow double click to select patient report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-149 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_188

Test Description: To verify availability of scroll bar in report list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct test for same patient by changing the system date. | N/A Proceed to next step |  |  |
| #2 | Conduct test trail for more than 10 different days (Setting system date to 10 different dates) | N/A Proceed to next step |  |  |
| #3 | Upon completion of 10 test at different dates, navigate to “Patient information” screen. | N/A Proceed to next step |  |  |
| #4 | Select respective patient and click on “view report” button. | N/A Proceed to next step |  |  |
| #5 | Observe the scroll bar in report list in | Scroll bar shall be available. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-150 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_188a

Test Description: To verify scroll-down functionality in report list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Repeat the steps as in TC\_AP\_SRS\_188 | N/A Proceed to next step |  |  |
| #2 | Do Scroll down in report list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Next test reports shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-150 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_188b

Test Description: To verify scroll-up functionality in report list screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Repeat the steps as in TC\_AP\_SRS\_188 | N/A Proceed to next step |  |  |
| #2 | Do Scroll up in report list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Previous test reports shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-150 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_189

Test Description: To verify information in patient test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in ‘Patient information” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and click on “View Report” button. | N/A Proceed to next step |  |  |
| #2 | Observe the information in view report. | App shall display report in view report screen:  Displayed report shall contain following information:   * Hospital Name: * Patient ID: * Patient Name: * DOB: * Gender: * Age * Smoker: * Test Type: * Region: * Height: * Weight: * Doctor name * Caregiver name * Actions list with captured patient data * Resistance and Reactance graph *(If test is conducted in multi frequency)* * Mouth pressure and flow graph *(If test is conducted in mono frequency)* |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-151 |
| AP-SRS-152 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_190

Test Description: To verify patient test report format.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient is created app is in conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select patient and click on conduct test. | N/A Proceed to next step |  |  |
| #2 | Select frequency mode  Ex: 5 Hz | N/A Proceed to next step |  |  |
| #3 | Start the test and capture the readings | N/A Proceed to next step |  |  |
| #4 | Upon completion of test click on “View Report” button. | N/A Proceed to next step |  |  |
| #5 | Observe the information in view report. | N/A Proceed to next step |  |  |
| #6 | Click on Save to PDF | N/A Proceed to next step |  |  |
| #7 | Observe the information in PDF report | Data displayed in view report screen and PDF report shall be same. |  |  |
| #8 | Repeat step 1 to 7 for 7Hz, 19 Hz and multi frequency. | Data displayed in view report screen and PDF report shall be same. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-231 |
| AP-SRS-230 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_191

Test Description: To verify information in displayed test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. Patients test reports are saved.  3. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Select report from the list and click on view report button | App shall display report in view report format. |  |  |
| #3 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #4 | Observe the information in PDF test report. | App shall display below information in PDF test report   * Hospital Name * Hospital Address * Select Logo * Patient ID * Patient Name * Gender * DOB * Age * Smoker * Height * Weight * BMI * Region * Conducted by * Referred by * Doctor Name * Test conducted date * Report Printed date * Patient contact details * Act Table (Test data) * Resistance and Reactance graph (*If test conducted in multi frequency*). * Mouth pressure and flow graph (*If test conducted in multi frequency).* * Space for Writing comments * Space for signature * Device interpretation * Lung oscillometry with underline * Doctors comments * Doctors’s signature |  |  |
| #5 | Deselect below options in settings screen, then conduct the test, save the report as PDF.   * Test conducted by * Referred by | PDF report shall not display deselected option. |  |  |
| #6 | Select below parameters in settings screen, conduct test and save the report as PDF.   * Test conducted by * Referred by | PDF report should display selected options in PDF report. |  |  |
| #7 | Change Unit in setting screen from cmH20/L/s to kPa/L/s or vise versa, and save the report, observe the changes. | PDF report shall display readings in selected unit. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-232 |
| AP-SRS-109 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_192

Test Description: Visually inspect Doctor name and Doctor signature features available in pdf test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. Patients test reports are saved.  3. App is in report list screen.  4. Doctor signature option is enabled in settings screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Select report from the list and click on view report button | App shall display report in view report format. |  |  |
| #3 | Click on save button. | App shall be saved report in PDF format |  |  |
| #4 | Observe the information in PDF test report. | Doctor name and Doctor signature features should be available in PDF report |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-232 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_193

Test Description: Visually inspect ‘Test time’ in PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct atleat 3 acts for particular patient and save the Test report. | App shall be saved report in PDF format |  |  |
| #2 | Visually inspect test time in act table. | App shall display test time in PDF report |  |  |
| #3 | Compare test time of last test and ‘Latest test time’ displayed on the top of pre-test act table. | Latest test time is same as the time of last test in act table |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-232 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_194

Test Description: Visually inspect ‘Doctor’s signature’ in PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in Select parameter screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enable “Doctor signature” option and click on save | N/A Proceed to next step | N/A Proceed to next step |  |
| #2 | Click on “Patient Information” screen | App shall navigate to patient information screen. |  |  |
| #3 | Click on view report | N/A Proceed to next step |  |  |
| #4 | Select patient from the list and click on “View Report” | N/A Proceed to next step |  |  |
| #5 | Save the report as PDF | App shall save the repport as PDF. |  |  |
| #6 | Observe the saved PDF for “Doctor signature” option. | App shall display “Doctor Signature” option at the end of PDF report. |  |  |
| #7 | Deselect “doctor signature” option in settings screen. | N/A Proceed to next step |  |  |
| #8 | Repeat step 2 to 5 and observe the PDF reppot for “Doctor Signature” option. | App shall not display “Doctor signature” option in PDF report.  Instead it shall display doctor name with updated doctor designation. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-232 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_195

Test Description: Visually inspect patient details header and colons alignment in pdf report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #3 | Observe the information in PDF test report. | Patient details header shall be left aligned and colons shall be aligned properly. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-237 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_196

Test Description: To verify the details displayed in Consolidated Pre test and Post test table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #3 | Observe the information in PDF test report. | Consolidated Pre test and Post test table shall display below details :   * Parameters * Cut Off values * Pre-test Average values * Anomaly idex (Pre,Post) * Post-test Average value * %Change values |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-238 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_197

Test Description: To verify % change column in Consolidated Pre test and Post test shall be Left Aligned.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #4 | Observe %change column in Consolidated Pre test and Post test table | % change column in Consolidated Pre test and Post test shall be Left Aligned. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-239 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_198

Test Description: To verify Resistance and reactance graph is merged and details displayed in Resistance and reactance graph.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  3. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #3 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #4 | Observe Resistance and reactance graph in pdf report. | Resistance and reactance graph is merged, which is left aligned and it shall display below details:   * Cut Off value reference band in black color * Pre-test data line in thick red line for resistance and think blue line for reactance * Post-test data line in dotted red line for resistance and dotted blue line for reactance. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-240 |
| AP-SRS-250 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_200

Test Description: To verify the details displayed in Consolidated Pre test and Post test table for adult patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  3. App is in report list screen . | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #3 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #4 | Observe Consolidated Pre test and Post test table in pdf report. | Consolidated Pre test and Post test table shall display below parameters:   * Z5 * Z19 * R5 * R5Insp * R5Exp * R19 * R5-R19 * X5 * X5insp * X5exp * AX * Fres |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-241 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_200a

Test Description: To verify the details displayed in Consolidated Pre test and Post test table for pediatric patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Pediatric patient is created and test is conducted.  3. App is in report list screen . | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #3 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #4 | Observe Consolidated Pre test and Post test table in pdf report. | Consolidated Pre test and Post test table shall display below parameters:   * Z7 * Z19 * R7 * R7insp * R7exp * R19 * R7-R19 * X7 * X7insp * X7exp * AX * Fres |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-241 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_201

Test Description: To verify the details displayed in Consolidated table and Pre test/Post test table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  3. App is in report list screen . | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #3 | Click on save to PDF button. | PDF report shall be saved report in PDF format |  |  |
| #4 | Observe Consolidated Pre test and Post test table in pdf report. | App shall contain consolidated table in which parameters are displayed in different colors. |  |  |
| #5 | Verify the readings, Avg values, anomaly index, and % change displayed in consolidated table. | Readings shall match between consolidated table, pre test table and post test table. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-241 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_202

Test Description: To verify D.O.B and test date format.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe the pdf report. | PDF shall display D.O.B and test date in  dd-MMM-yy(eg.15-Jan-22) format. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-243 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_203

Test Description: To verify heading of Pre-test and post-test average column in consolidated table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #3 | Observe pre test and post test average column in consolidated table . | Report shall display heading of Pre-test  and post-test average column as ‘PRE’ and ‘POST’ respectively in consolidated table. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-244 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_204

Test Description: To verify ‘Bronchodialator % change table’ position.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  3. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe ‘Bronchodialator % change table’ in pdf. | ‘Bronchodialator % change table’ shall be displayed next to Pre and post test Consolidated table. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-245 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_205

Test Description: To verify the columns in Bronchodialator % change table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe ‘Bronchodialator % Change table’ in pdf. | ‘Bronchodialator % Change table’ shall contains below columns:   * Parameters * %Change Value * Threshold value |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-246 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_206

Test Description: To verify the parameters in Bronchodialator % change table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe ‘Bronchodialator % change table’ in pdf. | ‘Bronchodialator % change table’ shall contain below parameters:   * R5 * R5-R19 * X5 * AX * Fres |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-247 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_206a

Test Description: To verify the parameters in Bronchodialator % change table for pediatric.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Pediatric patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step | As expected |  |
| #2 | Click on save button. | App shall be saved report in PDF format | As saves the report as PDF. |  |
| #3 | Observe ‘Bronchodialator % change table’ in pdf. | ‘Bronchodialator % change table’ shall contain below parameters:   * R7 * R7-R19 * X7 * AX   Fres |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-247 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_207

Test Description: To verify the Pre test average and post test average column in consolidated table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save to PDF button. | App shall be saved report in PDF format |  |  |
| #3 | Observe consolidated table in pdf. | In PDF report, consolidated table shall display Pre test average and post test average column in bold letters |  |  |
| #4 | Compare the pre Avg and Post Avg values displayed in consolidated table with Pre/Post Avg values displayed in view report screen. | Values displayed in Consolidated table shall match with values displayed in view report screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-248 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_208

Test Description: To verify, Resistance, Reactance, Impedance and Fres rows shall be differentiated with different colors in consolidated table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #3 | Click on save button. | App shall be saved report in PDF format |  |  |
| #4 | Observe consolidated table in pdf. | In consolidated table Resistance, Reactance, Impedance and Fres rows shall be differentiated with different colors. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-249 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_209

Test Description: To verify breathing parameter table position.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe breathing parameter table in pdf. | Breathing parameter table shall be displayed on second page. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-252 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_210

Test Description: To verify parameters in breathing parameter table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe breathing parameter table in pdf. | Breathing parameter table shall display below parameters:   * Respiration Rate * Tidal Volume * Tinsp * Texp |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-253 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_211

Test Description: To verify Pre and Post average values in breathing parameter table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe breathing parameter table in pdf. | Breathing Parameter table shall display Pre and Post average values of each paraments |  |  |
| #4 | Compare the values in breathing parameter table with values displayed in view report screen. | Values displayed in breathing parameter table shall match with values displayed in view report screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-254 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_212

Test Description: To verify breathing parameter table’s column and row header.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe the column and row header in breathing parameter table. | * Breathing parameters table's column headers shall be : Breathing Parameter, PRE and POST. * Breathing parameters table's row headers shall be : Resp. Rate/min, VT, T insp and T exp |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-255 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_213

Test Description: To verify units of breathing parameters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe unit of breathing parameters. | The units of Breathing Parameters shall be : Resp.Rate/min, VT  -  (ml) , T insp - (s) ,T exp - (s) .  The Parameters shall be displayed in next line |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-256 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_214

Test Description: To verify position of parameters and values in Pre-Test Table and Post-Test Table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall be saved report in PDF format |  |  |
| #3 | Observe all parameters and values in Pre-Test Table and Post-Test Table | In Pre-Test Table and Post-Test Table Parameters and values shall be left aligned |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-257 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_215

Test Description: To verify default report file name format.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall save report in PDF format |  |  |
| #3 | Observe the saved report, default file name format. | Default report file name format shall be <Patient ID\_ (X)>.pdf    X → *date and time at when report is saved.* |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-258 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_216

Test Description: To verify footer details in pdf report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall save report in PDF format |  |  |
| #3 | Observe the footer details in saved report. | Footer shall display cut off value reference as :  Salvi's etal ET AL.research paper 2023; Only for adults > 18 years |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-259 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_217

Test Description: To verify space between Parameter and its units in Pre-test Table and Post-Test table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select specific patient report from the list and select view report button. | N/A Proceed to next step |  |  |
| #2 | Click on save button. | App shall save report in PDF format |  |  |
| #3 | Observe Pre-test Table and Post-Test table in pdf report. | Pre-test Table and Post-Test table shall have some space between Parameter and its units |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-260 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_218

Test Description: To verify user can able to take print of patient test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patients test reports are saved. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to documents folder in PC. | N/A Proceed to next step |  |  |
| #2 | Select specific patient PDF report from the list. | N/A Proceed to next step |  |  |
| #3 | Upon test report (PDF file) is opened, click on file menu in report. | N/A Proceed to next step |  |  |
| #4 | Select print option. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | User shall able to take print out of test report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-264 |
| AP-SRS-142 |
| AP-SRS-228 |
| AP-SRS-153 |
| AP-SRS-156 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | signature | Date |
|  |  |  |

## TC\_AP\_SRS\_219

Test Description: To verify application links to system print feature, upon print option is selected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patients test reports are saved.  3. App is in report list screen.  4. Connect printer to the PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to documents folder in PC. | N/A Proceed to next step |  |  |
| #2 | Select specific patient report from the list | N/A Proceed to next step |  |  |
| #3 | Upon test report (PDF file) is opened, click on file menu in report. | N/A Proceed to next step |  |  |
| #4 | Select print option. | N/A Proceed to next step |  |  |
| #5 | Observe the screen for system print feature. | App shall link to system printer and shall display system print features as "copies, color, size etc.," to print test report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-154 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_220

Test Description: To verify Hospital name shall appear in bold and colors option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.App should be in Hospital information screen (Admin Mode) | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect for the Hospital name field | Hospital name field shall be available in hospital information screen |  |  |
| #2 | App should allow to enter the hospital name | N/A proceed to next step |  |  |
| #3 | Visually inspect for the Change font size and font style field | Change font size and font color field shall be available |  |  |
| #4 | Click on font size field and observe the application behavior | App allows to enter font size. |  |  |
| #5 | Updated the required font size in the provided feild and observe the application behavior by saving report in user mode | Hospital name font size shall change to updated font size |  |  |
| #6 | Repeat the step #4 and #5 for all the available font size and observe the application behavior by saving report in user mode | Hospital name Font size shall change to all updated font size |  |  |
| #7 | Click on font color field and observe the application behavior | Dropdown Color table shall display |  |  |
| #8 | Select the required font color from the dropdown table and observe the application behavior | Hospital name font color shall change to selected font color |  |  |
| #9 | Repeat the step #7 and #8 for all the available font color and observe the application behavior. | Hospital name Font color shall change to all selected font color |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-265 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_221

Test Description: To verify “Same Header for all PDF report” option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created and test is conducted.  2. App is in user login mode | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select ‘settings’ option in home screen | N/A proceed to next step |  |  |
| #2 | Click on ‘select parameters’ | N/A proceed to next step |  |  |
| #3 | Select ‘Same Header For all Screen’ option | N/A proceed to next step |  |  |
| #4 | Click on ‘Patient Information’ option in navigation bar. | N/A proceed to next step |  |  |
| #5 | Select specific patient report from the list and select view report button. | N/A proceed to next step |  |  |
| #6 | Click on ‘Save to Pdf’ , select the directory and save the report. | N/A proceed to next step |  |  |
| #7 | Visually inspect for the Change in header in pdf report. | Same header shall be displayed in all pages of report |  |  |
| #8 | Repeat step #1 and #2 and deselect ‘Same Header For all Screen’ option | N/A proceed to next step |  |  |
| #9 | Click on ‘Patient Info’ option in navigation bar. | N/A proceed to next step |  |  |
| #10 | Select specific patient report from the list and select view report button. | N/A proceed to next step |  |  |
| #11 | Click on ‘Save to Pdf’ , select the directory and save the report. | N/A proceed to next step |  |  |
| #12 | Visually inspect for the Change in header in pdf report. | Only first page of report shall display complete header details. Except first page, other page header shall display :   * Hospital Name * Patient name * Patient ID   Test Date |  |  |
| #13 | Logo ou from the application. |  |  |  |
| #14 | Login again as user, click on patient information | N/A proceed to next step |  |  |
| #15 | Visully inspect for view report botton click on view report botton | N/A proceed to next step |  |  |
| #16 | Visully inspect for save to Pdf botton click on save to Pdf botton | N/A proceed to next step |  |  |
| #17 | Visully ispect pdf report | Only first page of report shall display complete header details. Except first page, other page header shall display :   * Hospital Name * Patient name * Patient ID * Test Date |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-266 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_222

Test Description: To verify copy right information in PDF test report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. App is in report list screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Save the report as PDF | N/A Proceed to next step |  |  |
| #3 | Observe the copyright information in test report. | App shall display copyright information at footer of PDF test report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-155 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_223

Test Description: To verify the ability to remove water mark in PDF

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Login with admin credentials  2. App should be in Admin Home screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect for the Hospital information field | Hospital information field should be available |  |  |
| #2 | Click on hospital information field and observe the application behavior | App should navigate to hospital information screen |  |  |
| #3 | Enter Hospital id, Hospital name, Hospital address and contact details | N/A Proceed to next step |  |  |
| #4 | Visually inspect for Installation type field with ‘Permanent’ and ‘Trials’ option | Installation type field with ‘Permanent’ and ‘Trials’ option should be available |  |  |
| #5 | Select ‘Trials’ option and click on ‘save’ button | ‘Hospital details saved!’ message shall display |  |  |
| #6 | Visually inspect for ‘Staff information’ field and click on the field | App shall navigate to Staff information field |  |  |
| #7 | Visually inspect for ‘Add new Staff’ field and click on the field | App shall navigate to ‘Add new staff’ screen |  |  |
| #8 | Enter all mandatory fields and click on save button | ‘Staff saved successfully’ message shall display, and app shall navigate to staff information screen |  |  |
| #9 | Goto ‘Menu’ bar and click on logout option | Confirmation popup message should display |  |  |
| #10 | Click on ok button in the popup window | App shall navigate to login screen |  |  |
| #11 | Login with the newly created staff’s username and password | App shall navigate to user home screen |  |  |
| #12 | Visually inspect for ‘Patient info’ field and click | App shall navigate to Patient info screen |  |  |
| #13 | Click on “Add new patient’ | App shall navigate to ‘Add new patient screen |  |  |
| #14 | Enter all the mandatory field and click on save and conduct test button | ‘Patient saved successfully’ message shall display and app shall navigate to conduct test screen |  |  |
| #15 | Select the test type and frequency mode and click on ‘Start’ button | Test shall get start, capture the test and view the test report |  |  |
| #16 | Upon completion of test click on “View report” button. | App shall display the report. |  |  |
| #16 | Visually inspect for ‘Save as PDF’ button | Save as PDF button shall be available |  |  |
| #17 | Click on save as PDF button and Save the report in required location | Report saved successfully message should display and saved pdf report should get displayed |  |  |
| #18 | Visually inspect the report for watermark | ‘iICaltech innovations Pvt. Ltd’ water mark in PDF report |  |  |
| #19 | Repeat all the above steps for installation type ’Permanent’ and observe the application behavior | For ‘Permanent’ installation type Watermark shall not be displayed in PDF |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-155a |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_224

Test Description: To verify user can select "Conduct test" option in Navigation bar.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Observe app behavior. | App allows user to select conduct test option and shall display patient list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-157 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_225

Test Description: To verify app displays patient list upon click on conduct test option in home screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Observe patient list displayed. | N/A Proceed to next step |  |  |
| #3 | Observe information available in-patient list. | App shall display list of patients with Patient ID, Patient NameDOB and Phone number, Smoker and Gender details. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-158 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_226

Test Description: To verify app allows user to select patient from the list in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall allow user to select one patient from the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-159 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_227

Test Description: To verify availability of scroll bar in patient list of conduct screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. More than 10 patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Observe the scroll-bar in Patient list. | Scroll bar shall be available. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-160 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_227a

Test Description: To verify scroll-down functionality in patient list of conduct screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. More than 10 patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Do Scroll down in patient list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Next patient details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-160 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_227b

Test Description: To verify scroll-up functionality in patient list of conduct screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. More than 10 patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Do Scroll up in patient list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Previous patient details shall be displayed in the list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-160 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_228

Test Description: To verify app navigates to conduct test screen upon selection of patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall navigate to conduct test screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-161 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_228a

Test Description: To verify error message without selecting patient from the list to conduct test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall display error message as "Please select a patient to conduct the test". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-161 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_229

Test Description: To verify displaying of patient information in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in user home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #4 | Observe patient information in conduct test screen. | App shall display below patient information in conduct test screen.   * Patient ID * Patient Name * Last name * Pretest * Post test * Frequency mode * R5 * X5 * Z5 * Start * Capture * Stop * View report * Volume graph * Mouth pressure graph * Test again |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-162 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_229a

Test Description: To verify displaying of patient information in conduct test screen for pediatric.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in user home screen.  4. Pediatric patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #4 | Observe patient information in conduct test screen. | App shall display below patient information in conduct test screen.   * Patient ID * Patient Name * Last name * Pretest * Post test * Frequency mode * R7 * X7 * Z7 * Start * Capture * Stop * View report * Volume graph * Mouth pressure graph * Test again |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-162 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_230

Test Description: To verify displaying of real time data in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in user home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #4 | Select test type and frequency mode and click on “Start” | N/A Proceed to next step |  |  |
| #5 | Let the patient start giving breathing test and once “Capture” button is enabled click on “Capture” | N/A Proceed to next step |  |  |
| #6 | Observe the real time data in left side column. | App shall display real time value for below paramter :   * R5 * X5 * Z5 |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-163 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_230a

Test Description: To verify displaying of real time data in conduct test screen pediatric.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in user home screen.  4. Pediatric patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select one patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on "Conduct test" button. | N/A Proceed to next step |  |  |
| #4 | Select test type and frequency mode and click on “Start” | N/A Proceed to next step |  |  |
| #5 | Let the patient start giving breathing test and once “Capture” button is enabled click on “Capture” | N/A Proceed to next step |  |  |
| #6 | Observe the real time data in left side column. | App shall display real time value for below paramter :   * R7 * X7 * Z7 |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-163 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_231

Test Description: To verify app provides pre-test or post-test options.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Technician home screen.  4. Patients are already created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Observe the pre-test or post-test options. | App shall provide pre-test or post-test options in conduct test screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-164 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_232

Test Description: To verify selection of pre-test option in app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created and App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test radio button in conduct test screen. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall allow to select pre-test option to user. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-165 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_232a

Test Description: To verify selection of post-test option in app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created, and App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select post-test radio button in conduct test screen. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall allow to select post-test option to user. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-165 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_232b

Test Description: To verify selection of both pre-test and post-test options at a time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created, and App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Try to select both radio buttons at once. | N/A Proceed to next step |  |  |
| #4 | Observe app behavior. | App shall not allow to select both pretest and post test radio buttons at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-165 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_233

Test Description: To verify app displays pre test button as selected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created, and App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | By default pre test radio button is selected. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-166 |
| AP-SRS-357 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_234

Test Description: To verify multi is selected as frequency type.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created, and App is in Technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option in home screen. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Observe frequency type. | By default app shall select multi as frequency type. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-357 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_235

Test Description: To verify selected post test option is displayed in raw data file and in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. App is in Technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select post test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Upon completion of test save report as PDF and observe the post-test option in PDF report. | Post-test option shall be displayed in PDF report. |  |  |
| #5 | Go to documents folder in Pc and click on Antlia\_Data folder. | N/A Proceed to next step |  |  |
| #6 | Click on Rawdata folder. | N/A Proceed to next step |  |  |
| #7 | Observe recently test conducted raw data file(Both Flow and MP) and open the file. | Post-test option shall be displayed in raw data file. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-167 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_235a

Test Description: To verify selected pre test option is displayed in raw data file and in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. App is in Technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select pre test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Upon completion of test save report as PDF and observe the pre-test option in PDF report. | Pre-test option shall be displayed in PDF report. |  |  |
| #5 | Go to documents folder in Pc and click on Antlia\_Data folder. | N/A Proceed to next step |  |  |
| #6 | Click on Rawdata folder. | N/A Proceed to next step |  |  |
| #7 | Observe recently test conducted raw data file(Both Flow and MP) and open the file. | Pre-test option shall be displayed in raw data file. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-167 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_236

Test Description: To verify selected option is disabled during test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. App is in Technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on “start” button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | During test trial, observe selected option. | Selected pre-test/post-test option shall be disabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-168 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_237

Test Description: To verify app shall not allow to select post-test option during conducting test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created and App is in Technician conduct test screen.  Pre-information : Pre-test is selected | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Observe the plotting graph. | N/A Proceed to next step |  |  |
| #5 | Try to select post-test option by clicking radio button. | N/A Proceed to next step |  |  |
| #6 | Observe app behavior. | App shall not allow to select post-test option while conducting test trial. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-168 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_237a

Test Description: To verify app shall not allow to select pre-test option during conducting test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patients are created and App is in Technician conduct test screen.  Pre-information : Post-test is selected | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Observe the plotting graph. | N/A Proceed to next step |  |  |
| #5 | Try to select pre-test option by clicking radio button. | N/A Proceed to next step |  |  |
| #6 | Observe app behavior. | App shall not allow to select pre-test option while conducting test trial. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-168 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_238

Test Description: To verify app provides option to select frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the frequency mode option in conduct test screen. | App shall display frequency mode option. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-164 |
| AP-SRS-169 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_239

Test Description: To verify app provides provision for frequency mode option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the provision for frequency mode field. | App shall provide dropdown provision for frequency mode option. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-170 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_240

Test Description: To verify options in frequency mode dropdown field.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Frequency mode dropdown field. | N/A Proceed to next step |  |  |
| #2 | Observe the options in dropdown list. | App shall display Multi, Mono 5 Hz, Mono 7 Hz, Mono 19 Hz, options in frequency mode dropdown list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-170 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_240a

Test Description: To verify app allows to select frequency from the dropdown list.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Frequency mode dropdown field. | N/A Proceed to next step |  |  |
| #2 | Select “Multi” option from the dropdown list. | N/A Proceed to next step |  |  |
| #3 | Observe selected option in dropdown field. | App shall display selected option in frequency mode. |  |  |
| #4 | Repeat the same steps for Mono 5 Hz, Mono 7 Hz and Mono 19 Hz. | App allows to select option and shall display selected Multi option in frequency mode. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-170 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_241

Test Description: To verify selection of two options at a time from frequency mode dropdown.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on frequency mode dropdown field. | N/A Proceed to next step |  |  |
| #2 | Try to select two options from the dropdown list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall not allow to select two options from the dropdown at a time. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-171 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_241a

Test Description: To verify selection of one option from frequency mode dropdown.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on frequency mode dropdown field. | N/A Proceed to next step |  |  |
| #2 | Select any one option from the list. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall allow to select one option from the dropdown list. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-171 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_242

Test Description: To verify app stops user to access conduct test screen when device is not connected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is not connected through USB cable. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Login to user screen | N/A Proceed to next step |  |  |
| #2 | Observe the Conduct test and verification screen. | When device is not connected app shall disable conduct test and verification screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-172 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
| Chithralekha | Chithralekha | 25/11/2023 |











## TC\_AP\_SRS\_243

Test Description: To verify app stops user to access conduct test screen when device is not connected

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  . | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Login to user sreen | N/A Proceed to next step |  |  |
| #2 | Observe conduct test and verification screen. | App shall enable conduct test and verification screen. |  |  |
| #3 | Click on “conduct test” | App shall navigate to conduct test screen. |  |  |
| #4 | Disconnect the USB cable | Connected status shall changes to “Connect” and app navigates back to home screen. |  |  |
| #5 | Observe the app behavior. | App shall disable conduct test and verification screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-172 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
| Chithralekha | Chithralekha | 25/11/2023 |











## TC\_AP\_SRS\_244

Test Description: To verify selected frequency mode is displayed during test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select pre-test/Post-test radio button. | N/A Proceed to next step |  |  |
| #2 | Select frequency mode from the dropdown. Ex. Multi or Mono. | N/A Proceed to next step |  |  |
| #3 | During test trial, observe selected option is displayed in Frequency mode dropdown field. | Selected frequency mode option shall be displayed during test trial. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-173 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_245

Test Description: To verify selected frequency mode option is displayed in raw data file and in-patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select post test/Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency mode from the dropdown. Ex. Multi. | N/A Proceed to next step |  |  |
| #3 | Click on “start” button. | N/A Proceed to next step |  |  |
| #4 | Instruct patient to breathe. | N/A Proceed to next step |  |  |
| #5 | Click on Capture button. | N/A Proceed to next step |  |  |
| #6 | After completing test trial, click on View report. | N/A Proceed to next step |  |  |
| #7 | Go to Documents folder in PC and click on “Antlia\_Data” folder. | N/A Proceed to next step |  |  |
| #8 | Click on “Rawdata” folder. | N/A Proceed to next step |  |  |
| #9 | Observe recently test conducted raw data file and open the raw data file. | App shall display selected multi frequency option in raw data file. |  |  |
| #10 | Open PDF report of same test. | N/A Proceed to next step |  |  |
| #11 | Observe the report for frequency. | App shall display multi frequency table. |  |  |
| #12 | Repeat #2 to #12 steps by selecting mono frequencies. | App shall display selected mono frequencies in raw data file and in PDF report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-174 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_246

Test Description: To verify app restricts to change frequency mode during test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select pre test/post-test option. | N/A Proceed to next step |  |  |
| #2 | Select desired frequency mode. Eg. Multi or Mono. | N/A Proceed to next step |  |  |
| #3 | Click on "start" button. | N/A Proceed to next step |  |  |
| #4 | Instruct patient to breathe. | N/A Proceed to next step |  |  |
| #5 | Click on Capture button. | App shall not allow to change selected frequency during test. |  |  |
| #6 | Try to change selected frequency. | -Selected frequency option shall be disabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-175 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_247

Test Description: To verify app allows user to conduct test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician home screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on conduct test button. | N/A Proceed to next step |  |  |
| #4 | Select pre-test/post-test option. | N/A Proceed to next step |  |  |
| #5 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #6 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #7 | Click on capture button. | N/A Proceed to next step |  |  |
| #8 | Observe the app screen. | App shall allow user to conduct test and plotting graph shall display. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-176 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_248

Test Description: To verify options in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select particular patient from the list. | N/A Proceed to next step |  |  |
| #3 | Click on conduct test button. | N/A Proceed to next step |  |  |
| #4 | Observe the options in screen. | App shall display.  • Start  • Capture  • Stop  • View Report  • Test again  options in conduct test screen |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-177 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_249

Test Description: To verify app automatically enables “Capture” button upon click on “Start”

Button for multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient are created, and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select multi frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and wait for 20 seconds. | N/A Proceed to next step |  |  |
| #5 | Observe the app behavior. | After 20 seconds automatically “Capture” button shall be enabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-178 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_249a

Test Description: To verify app automatically enables “Capture” button upon click on “Start”

Button mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient are created, and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select mono frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and start the timer in stopwatch. | N/A Proceed to next step |  |  |
| #5 | Check the timer until “Capture” button is enabled. | “Capture” shall be enabled only after 20 sec from the *“Start”* function is initiated. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-178 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_250

Test Description: To verify app allows user to select capture, stop buttons after clicking start button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | Stop button will get enabled , however Capture button shall be in disabled mode for 20 min once start button is clicked |  |  |
| #4 | Once capture button is enabled click on “Capture” button. | N/A Proceed to next step |  |  |
| #5 | Click on stop button. | N/A Proceed to next step |  |  |
| #6 | Observe the app behavior. | App shall stop plotting of graph. Start button will get enabled. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-203 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_251

Test Description: To verify app disables the access to start button when it is initiated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Observe the start button. | App shall disable the start button, once start function is initiated. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-179 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_251a

Test Description: To verify app disables the access to capture button when capture is initiated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Observe the capture button. | App shall disable the capture button, once capture function is initiated. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-179 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_252

Test Description: To verify app allows user to access stop button, once start function is initiated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Observe the volume and mouth pressure graph on screen. | N/A Proceed to next step |  |  |
| #5 | Click on stop button. | App shall allow user to select stop button. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-180 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_252a

Test Description: To verify app allows user to access stop button, once capture function is initiated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Observe the volume and mouth pressure graph on screen. | N/A Proceed to next step |  |  |
| #6 | Click on stop button. | App shall allow user to select stop button. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-180 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_253

Test Description: To verify data capture and graph plot is stopped, once stop button is clicked.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Observe the flow graph on screen. | N/A Proceed to next step |  |  |
| #6 | Click on stop button. | Data capture and graph plotting shall stop, and app shall reset the current test trial. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-181 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_254

Test Description: To verify automatic stop to end test in Mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4. Patient is ready to give test trial.  5. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown: E.g. Mono 5. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Simultaneously start screen video recorder and click on capture button. | N/A Proceed to next step |  |  |
| #5 | Take video for more than 12 seconds. | N/A Proceed to next step |  |  |
| #6 | Stop screen video recorder and observe the overall test run time. | N/A Proceed to next step |  |  |
| #7 | Observe test has to stop at 12 secs automatically. | N/A Proceed to next step |  |  |
| #8 | Repeat Case 1 by selecting mono 7 Hz in frequency mode dropdown. | N/A Proceed to next step |  |  |
| #9 | Repeat Case 1 by selecting mono 19 Hz in frequency mode dropdown | N/A Proceed to next step |  |  |
| #12 | Record the duration by referring recorded video. | In all trials, automatically graph shall stop when timer percentage shows 100%. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-182 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_255

Test Description: To verify automatic stop to end test in Multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial.  5. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown: Multi. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Simultaneously start screen video recorder and click on capture button. | N/A Proceed to next step |  |  |
| #5 | Take screen video recorder more than 24 seconds. | N/A Proceed to next step |  |  |
| #6 | Stop screen video recorder and observe the overall test record behavior. | N/A Proceed to next step |  |  |
| #7 | Record the duration by referring recorded video. | In all trials, automatically graph shall stop when timer percentage shows 100%. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-182 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_256

Test Description: To verify test conducting time for mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4. Patient is ready to give test trial.  5. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown: E.g. Mono 5. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Simultaneously start screen video recorder and click on capture button. | N/A Proceed to next step |  |  |
| #5 | Take video for more than 12 seconds. | N/A Proceed to next step |  |  |
| #6 | Stop screen video recorder and observe the overall test run time. | N/A Proceed to next step |  |  |
| #7 | Observe test has to stop at 12 secs automatically. | N/A Proceed to next step |  |  |
| #8 | Repeat Case 1 by selecting mono 7 Hz in frequency mode dropdown. | N/A Proceed to next step |  |  |
| #9 | Repeat Case 1 by selecting mono 19 Hz in frequency mode dropdown | N/A Proceed to next step |  |  |
| #12 | Record the duration by referring recorded video. | In all trials, automatically test shall stop at 12 seconds. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-183 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_256a

Test Description: To verify test conducting time Multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial.  5. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown: Multi. | N/A Proceed to next step |  |  |
| #3 | Click on start button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Simultaneously start screen video recorder and click on capture button. | N/A Proceed to next step |  |  |
| #5 | Take screen video recorder more than 24 seconds. | N/A Proceed to next step |  |  |
| #6 | Stop screen video recorder and observe the overall test record behavior. | N/A Proceed to next step |  |  |
| #7 | Record the duration by referring recorded video. | Automatically test shall stop at 24 seconds. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-183 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_257

Test Description: To verify notification message, upon completion of test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Wait for test completion. | N/A Proceed to next step |  |  |
| #6 | Observe the screen for notification message. | App shall display notification message as "The test has completed! Click on view report button to view the report". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-184 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_258

Test Description: To verify error message for negative R5=0.029kPa/L/s and X5=0 kPa/L/s.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4.Filter or Rudolph shall not be connected to PFT machine, it should be open. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Wait for test completion. | N/A Proceed to next step |  |  |
| #6 | Observe the screen for Error message. | Observe R5 value. If R5 <=0.029 and x5=0, App shall display error message as "Please take the test again". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-185 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_259

Test Description: To verify app disables the stop button, once test trial is completed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post- test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Wait for test completion. | N/A Proceed to next step |  |  |
| #6 | Observe the stop button. | App shall disable the Stop button once test is completed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-186 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_260

Test Description: To verify view report button during test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breath. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | While plotting the graph, observe the view report button. | App shall disable the view report, during test trial. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-187 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_260a

Test Description: To verify view report button is enable, once test trial is completed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Wait for test completion. | N/A Proceed to next step |  |  |
| #6 | Observe the view report button. | App shall enable the view report button. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-187 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_261

Test Description: To verify functionality of view report button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test/Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency from the frequency mode dropdown. | N/A Proceed to next step |  |  |
| #3 | Click on start button and Instruct patient to breathe. | N/A Proceed to next step |  |  |
| #4 | Click on capture button. | N/A Proceed to next step |  |  |
| #5 | Wait for test completion. | N/A Proceed to next step |  |  |
| #6 | Click on “View report” button | App shall display captured test data. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-188 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_262

Test Description: To verify Entered patients date is updating according to year.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. App is in technician conduct test screen and Test is successfully completed. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Goto date & time setting in PC | N/A proceed to next step |  |  |
| #2 | Visually inspect for set date and time and set it to manually. | N/A proceed to next step |  |  |
| #3 | Click on Change option | N/A proceed to next step |  |  |
| #4 | Add two years to the current year and click on change option | Date should get changed |  |  |
| #5 | Launch Antlia Pro App Select already added patient and perform the test and observe the report | In the report age should be update automatically (eg : while adding the patient’s Age is 36 then, now it should be 38) |  |  |
| #6 | Save the report and observe the PDF report | In PDF report also the age should be updated |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-189 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_263

Test Description: To verify app plots real time graph in conduct test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Doctor/Caregiver has been logged in.  4. App is in conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Case 1 :   1. Select Pre-test or Post-test option. | N/A Proceed to next step |  |  |
|  | 1. Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
|  | 1. Click on "Start" button. | N/A Proceed to next step |  |  |
|  | 1. Instruct patient to breathe. | N/A Proceed to next step |  |  |
|  | 1. Click on "Capture" button. | According to patient breath, app shall plot real time graph. |  |  |
| #2 | Case2 : Repeat the case 1 for 7 Hz frequency and observe the app behavior. | According to patient breath, app shall plot real time graph. |  |  |
| #3 | Case 3: Repeat the case 1 for 19 Hz frequency and observe the app behavior. | According to patient breath, app shall plot real time graph. |  |  |
| #4 | Case 4: Repeat the case 1 for multi frequency and observe the app behavior. | According to patient breath, app shall plot real time graph. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-190 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_264

Test Description: To verify app plots mouth pressure and volume graph individually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Doctor/Caregiver has been logged in.  4. App is in conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Case 1:   1. Select Pre-test or Post-test option. | N/A Proceed to next step |  |  |
|  | 1. Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
|  | 1. Click on "Start" button. | N/A Proceed to next step |  |  |
|  | 1. Instruct patient to breath. | N/A Proceed to next step |  |  |
|  | 1. Click on "Capture" button. | N/A Proceed to next step |  |  |
|  | 1. Observe plotting of graph. | App shall plot mouth pressure and volume graph individually. |  |  |
| #2 | Case 2: Repeat Case 1 for 7 Hz frequency mode. | App shall plot mouth pressure and volume graph individually. |  |  |
| #3 | Case 3 : Repeat Case 1 for 19 Hz frequency mode. | App shall plot mouth pressure and volume graph individually. |  |  |
| #4 | Case 4: Repeat Case 1 for multi-mode frequency. | App shall plot mouth pressure and volume graph individually. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-191 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_265

Test Description: To verify the plotting delay of Mouth pressure and Volume graph.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen.  4. Patient is ready to give test trial.  5. Screen video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test or Post-test option. | N/A Proceed to next step |  |  |
| #2 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #3 | Simultaneously click on "start" button and ON screen recorder. | N/A Proceed to next step |  |  |
| #4 | As soon as graph is displayed in PC turn off the screen recorder. | N/A Proceed to next step |  |  |
| #5 | Observe the screen recorder time. | N/A Proceed to next step |  |  |
| #6 | Case 2: Repeat case 1 by selecting Mono 7 frequency from frequency mode. | N/A Proceed to next step |  |  |
| #7 | Case 3: Repeat case 1 by selecting Mono 19 frequency from frequency mode. | N/A Proceed to next step |  |  |
| #10 | Case 6: Repeat case 1 by selecting Multi frequency from frequency mode | N/A Proceed to next step |  |  |
| #11 | Record the duration by referring recorded video. | Graph plotting time shall be less than 4 seconds for selected frequency. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-192 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_266

Test Description: To verify X axis of Mouth pressure graph in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the X-axis in mouth pressure graph | Mouth pressure graph X-axis shall be plotted verses Time |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-193 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_266a

Test Description: To inspect Y-axis of mouth pressure graph in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the Y axis of Mouth pressure graph. | N/A Proceed to next step |  |  |
| #2 | Observe unit of Y-axis. | N/A Proceed to next step |  |  |
| #3 | Observe the plotting range of Y-axis. | App shall display Y-axis unit in Kilopascal  -Plotting range shall be from -1 to +1 with 0.2 interval. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-193 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_267

Test Description: To verify X axis of volume graph in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the X-axis in volume graph. | Volume rate graph X-axis shall be plotted verses Time |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-193 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_267a

Test Description: To inspect Y-axis of volume graph in conduct test screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the Y axis of volume graph. | N/A Proceed to next step |  |  |
| #2 | Observe unit of Y-axis. | N/A Proceed to next step |  |  |
| #3 | Observe the plotting range of Y-axis. | App shall display Y-axis unit in Litres/sec.  -Plotting range shall be from -1.5 to +1.5with 0.2 interval. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-193 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_268

Test Description: To inspect reference line in Mouth pressure and volume graph.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient are created, and App is in technician conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe reference line in both graphs. | Reference line shall be in Zeroth position. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-195 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_269

Test Description: To verify user can view report after conducting test in multi frequency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created and app is in technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe the report. | App shall allow user to view conducted multi frequency report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-196 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_270

Test Description: To verify functionality of “Doctor’s Comment” button..

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button until test completes. | N/A Proceed to next step |  |  |
| #7 | Click on View Report button. | App should navigate to View report screen |  |  |
| #8 | Visually inspect for the “Doctor’s Comment” button | Doctor’s comment button should be available |  |  |
| #9 | Click on Doctor’s comment button | App should navigate to Doctor’s comment screen |  |  |
| #11 | Enter sample doctor comment and click on “Clear” button and observe the application behavior | App should display Clear confirmation message. |  |  |
| #12 | Click on Cancel | Entered sample comment should be remain as it is |  |  |
| #13 | Enter sample doctor comment | N/A Proceed to next step |  |  |
| #14 | Click on Clear button and click on “OK” | Entered sample comment should get cleared |  |  |
| #15 | Click on Back button and observe the application behavior | App should pop up confirmation message. |  |  |
| #16 | Click on Cancel | App should remain in same screen |  |  |
| #17 | Click on Back button and click on “OK” | App should navigate to view report screen |  |  |
| #18 | Save the report as PDF | Report shall be saved as PDF. |  |  |
| #19 | Visually inspect the PDF report for doctor comment. | Doctor’s comment section shall be blank |  |  |
| #20 | Click on “Patient information” | App shall navigate to Patient information screen. |  |  |
| #21 | Select same patient and view report. | App shall navigate to “View report” screen. |  |  |
| #22 | Click on Doctor’s comment button Enter sample doctor’s comment in doctor’s comment field and click on “Save” button | App should save the comment and navigate to View report screen |  |  |
| #23 | Visually inspect for the “Save to PDF” button and click on Save to PDF button | Save to PDF dialog box should display |  |  |
| #24 | Click on Save button | PDF should save successfully, |  |  |
| #25 | Visually inspect Doctor’s comment field in PDF report | Entered Sample doctor comment should display on Doctor’s comment section in the PDF report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-197 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_271

Test Description: To verify test data table when test is conducted in multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait until test completes | N/A Proceed to next step |  |  |
| #7 | Click on view report button. | N/A Proceed to next step |  |  |
| #8 | Observe the test data table in generated report. | App shall display multi frequency table with below information.   * R5 * R11 * R19 * X5 * X11 * X19 * Z5 * Z19 * R5-R19 * Ax * Delta X * Resonance frequency * Breathing quality * Test type |  |  |
| #9 | Observe table displayed in view report screen. | App shall display:   * Trial number (Example: Act1, Act2 etc.,) * Predicated values. * Avg values (Pre-Avg, Post-Avg) * % Change values (Only when pre and Posttest are conducted) in “View report” screen. * Anomaly Index(Post,Pre) |  |  |
|  | Select breathing parameter from the dropdown list and observe the app behavior. | Below information of previous test trial/s shall be provided in Test data table:   * Resonance frequency * Breathing quality * Mean inspiration flow (Qi) * Mean expiration flow (Qe) * Minute ventilation (Ve) * R inspiration / Expiration (R5Insp/R5Exp) * R end inspiration /End expiration (R5EndInsp/R5EndExp) * X inspiration/expiration ( X5Insp/X5Exp) * X end inspiration/end expiration (X5EnsInsp/X5EndExp) * Tidal Volume(Vt) * Respiratory Rate (RR) * Time inspiration (Ti) * Time expiration ( Te) * Respiratory duty cycle ( Ti/Ttot) * Test type |  |  |
| Acceptance Criteria/ Overall Pass/ Fail | Pass() | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-198 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_271a

Test Description: To verify test data table when test is conducted in multi frequency mode for pediatrics.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait until test completes | N/A Proceed to next step |  |  |
| #7 | Click on view report button. | N/A Proceed to next step |  |  |
| #8 | Observe the test data table in generated report. | App shall display multi frequency table with below information.   * R7 * R11 * R19 * X7 * X11 * X19 * Z7 * Z19 * R5-R19 * Ax * Delta X * Resonance frequency * Breathing quality * Test type |  |  |
| #9 | Observe table displayed in view report screen. | App shall display:   * Trial number (Example: Act1, Act2 etc.,) * Predicated values. * Avg values (Pre-Avg, Post-Avg) * % Change values (Only when pre and Posttest are conducted) in “View report” screen. * Anomaly Index(Post,Pre) |  |  |
|  | Select breathing parameter from the dropdown list and observe the app behavior. | Below information of previous test trial/s shall be provided in Test data table:   * Resonance frequency * Breathing quality * Mean inspiration flow (Qi) * Mean expiration flow (Qe) * Minute ventilation (Ve) * R inspiration / Expiration (R7Insp/R7Exp) * R end inspiration /End expiration (R7EndInsp/R7EndExp) * X inspiration/expiration ( X7Insp/X7Exp) * X end inspiration/end expiration (X7EnsInsp/X7EndExp) * Tidal Volume(Vt) * Respiratory Rate (RR) * Time inspiration (Ti) * Time expiration ( Te) * Respiratory duty cycle ( Ti/Ttot) * Test type |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-198 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
| Chithralekha | Chithralekha | 27/11/2023 |

## TC\_AP\_SRS\_272

Test Description: To verify units of parameters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait for few seconds. | N/A Proceed to next step |  |  |
| #7 | Once test completed, click on ‘view report’ | N/A Proceed to next step |  |  |
| #8 | Observe the units of all parameters displayed in view report screen. | Units shall be displayed as expected. |  |  |
| #9 | Click on ‘Save to pdf’ and save the report | N/A Proceed to next step |  |  |
| #10 | Observe parameters and units displayed in pdf report | App shall displays units for all parameters as below :   * Resistance (kPa/L/s or cmH2O/L/s) * Reactance (kPa/L/s or cmH2O/L/s) * Impedance (kPa/L/s or cmH2O/L/s) * Ax (kPa/L or cmH2O/L ) * R inspiration / Expiration (kPa/L/s or cmH2O/L/s) * R end inspiration /End expiration (kPa/L/s or cmH2O/L/s) * X inspiration/expiration (kPa/L/s or cmH2O/L/s) * X end inspiration/end expiration (kPa/L/s or cmH2O/L/s) * Mean inspiration flow (ml/s) * Mean expiration flow (ml/s) * Minute ventilation (ml/m) * Tidale volume (ml) * TimeInsp(s) * TimeExp(s) * Fres(Hz) |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-199 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_273

Test Description: To verify increment, normal and decrement sign for multi frequency:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test options. | N/A Proceed to next step |  |  |
| #4 | Select Multi frequency mode | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait for few seconds. | N/A Proceed to next step |  |  |
| #7 | Once test completed, click on ‘view report’ | N/A Proceed to next step |  |  |
| #8 | Click on ‘Save to pdf’ and save the report | N/A Proceed to next step |  |  |
| #9 | Observe the increment and decrement sign in Anomaly Index column | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| #10 | Repeat the same step for Post-test and observe the increment decrement sign in PDF report. | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-200 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_274

Test Description: To verify increment, normal and decrement sign for mono frequency mode:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in technician app home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test options. | N/A Proceed to next step |  |  |
| #4 | Case 1 : Select Mono frequency from the dropdown. Ex: 5Hz | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait for few seconds. | N/A Proceed to next step |  |  |
| #7 | Once test completed, click on ‘view report’ | N/A Proceed to next step |  |  |
| #8 | Click on ‘Save to pdf’ and save the report | N/A Proceed to next step |  |  |
| #9 | Observe the increment and decrement sign in Anomaly Index column | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| #10 | Case 2 : Repeat step 5 to 9 for Mono 7 Hz frequency | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| #11 | Case 3 : Repeat step 5 to 9 for 19 Hz frequency. | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| #12 | Repeat Case 1, Case2, and Case 3 by taking Post-test and observe the increment decrement sign in PDF report. | A.I(anomaly index) column shall display increment and normal sign as below.  \* If  normal, then  app shall display as 'n'  \* If decrement then app shall display as **‘ˇ’**  \* If  incremented then app shall display as ‘^’ |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-200 |
| AP-SRS-217 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_275

Test Description: To verify increment, normal and decrement sign:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and test is already conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on patient information screen | N/A Proceed to next step |  |  |
| #2 | View the report and save as PDF | N/A Proceed to next step |  |  |
| #3 | Observe increment, decrement and normal sign in anomaly index column of PDF report. | N/A Proceed to next step |  |  |
| #4 | Calculate %Cutoff in excel sheet using formula : (Avg/Cut Off value) \* 100 | %Cut Off values are calculated |  |  |
| #5 | Case 1: For Resistance   1. if %cutoff is >100 | ‘˄’ sign shall be displayed |  |  |
| #6 | 1. if %cutoff is in between 0-100 | ‘n’ sign shall be displayed |  |  |
| #7 | 1. if %cutoff is <0 | ‘˅’ sign shall be displayed |  |  |
| #8 | Case 2 : For Reactance :   1. if %cutoff is >100 | ‘˅’ sign shall be displayed |  |  |
| #9 | 1. if %cutoff is in between 0-100 | ‘n’ sign shall be displayed |  |  |
| #10 | 1. if %cutoff is <0 | ‘˄’ sign shall be displayed |  |  |
| #11 | Case 3: For Impedance:  i) if %cutoff is >100 | ‘˄’ sign shall be displayed |  |  |
| #12 | ii) if %cutoff is in between 0-100 | ‘n’ sign shall be displayed |  |  |
| #13 | 1. if %cutoff is <0 | ‘˅’ sign shall be displayed |  |  |
| #14 | Verify the sign in multi and each mono frequecy mode for both pre and post test results. | Increment, decrement and normal sign shall be displayed as per case 1, case 2, and case 3. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-200 |
| AP-SRS-217 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_276

Test Description: To verify each test trial data is displayed under successive column in table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient are created, and App is in technician app is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe test table for 1st trail. | App shall display test result under ACT1 column. |  |  |
| #7 | Repeat the same steps till ACT 6 column. | App shall display each trial data in successive column. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-202 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_277

Test Description: To verify application shall not display Coherence values when no subject is connected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Patient is registered.  2. App is in conduct test screen.  3. Any subject is not connected to device. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Do not connect HME or ICaltech resistance. | N/A Proceed to next step |  |  |
| #2 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #3 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #4 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #5 | Select frequency mode from the dropdown. Ex: Multi | N/A Proceed to next step |  |  |
| #6 | After test completion pop-up, click on “view report” button. | N/A Proceed to next step |  |  |
| #7 | Observe coherence row in generated report. | App shall not display any coherence value when no subject is connected to device. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-201 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_278

Test Description: To verify R and X graph in view report screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patient report is generated.  3. App is in view/print report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe the R and X graph of patient. | R and X graph shall display with patient information in view report screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-203 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_279

Test Description: To verify Y-axis of Resistance graph in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patient report is generated.  3. App is in view/print report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Y-axis label. | Y-axis label shall be cmH20/L/s for resistance graph. |  |  |
| #2 | Observe Y-axis scale range. | Y-axis scale range shall be -1.0 to 14 with 1.0 interval |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-204 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_279a

Test Description: To verify X-axis of Resistance graph in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patient report is generated.  3. App is in view/print report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe X-axis label. | X-axis label shall be Frequency for resistance graph. |  |  |
| #2 | Observe X-axis scale range. | . X-axis scale range shall be 5 to 45 with 5 intervals. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-204 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_280

Test Description: To verify Y-axis of Reactance graph in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patient report is generated.  3. App is in view/print report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Y-axis label. | . Y-axis label shall be cmH2O/L/Sec for reactance graph. |  |  |
| #2 | Observe Y-axis scale range. | . Y-axis scale range shall be -4 to 14 with 1 interval for reactance graph. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-204 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_280a

Test Description: To verify X-axis of Reactance graph in patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted.  2. Patient report is generated.  3. App is in view/print report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe X-axis label. | X-axis label shall be Frequency for reactance graph. |  |  |
| #2 | Observe X-axis scale range. | X-axis scale range shall be 5 to 45 with 5 intervals for reactance graph. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-204 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_281

Test Description: To verify cut off value reference band in Resistance and Reactance graph.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Test is conducted for patient, and report is generated for multi frequency. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Navigate to “View Report” screen and observe the reference band in Resistance and Reactance graph. | Reference band shall be marked in green color. |  |  |
| #2 | Observe the range of reference band. | Reference band range shall match the cut off value displayed in “cut Off” column. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-205 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_282

Test Description: To verify cut off value displayed in test report for multi mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Different patients are created between age group 3-14 and patient with age more than 14. 2. For each patient one trial is conducted(Multi Mode). 3. App is in ‘Patient information’ screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select respective patient and click on view report | N/A Proceed to next step |  |  |
| #2 | Click on “Save to PDF” | N/A Proceed to next step |  |  |
| #3 | In “view report” screen and PDF report, cut off value shall be displayed as per below condition. | N/A Proceed to next step |  |  |
|  | 1. When age is 3 | Cut off value shall be:  R7, R11, R19 = 12 cmH2o/L/s  X7 = -5.12 cmH2o/L/s |  |  |
|  | 1. When age is 4 | Cut Off value shall be :  X5, Fres is :   |  | | --- | | R7, R11, R19 = 11 cmH2o/L/s | | X7 = -4.57 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 5 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 10.19 cmH2o/L/s | | X7 = -3.77 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 6 | Cut off value shall be:   |  | | --- | | R7, R11, R19 = 8.97 cmHH2o/L/s | | X57= -3.36 cm2o/L/s | |  | |  |  |
|  | 1. When age is 7 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 8.36 cmH2o/L/s | | X7 = -2.96 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 8 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 7.34 cmH2o/L/s | | X7 = -2.56 cmH2o/L/s | |  |  |
|  | 1. When age is 9 | Cut off value shall be:   |  | | --- | | R7, R11, R19 = 6.83 cmH2o/L/s | | X7 = -2.2 cmH2o/L/s | |  |  |
|  | 1. When age is 10 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 6.11 cmH2o/L/s | | X7 = -2.16 cmH2o/L/s | |  |  |
|  | 1. When age is 11 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 5.35 cmH2o/L/s | | X7 = -1.87 cmH2o/L/s | |  |  |
|  | 1. When age is 12 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 4.91 cmH2o/L/s | | X7 = -1.58 cmH2o/L/s | |  |  |
|  | 1. When age is 13 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 4.26 cmH2o/L/s | | X7 = -1.3 cmH2o/L/s | |  |  |
|  | 1. When age is 14 | Cut Off value shall be:   |  | | --- | | R7, R11, R19 = 4 cmH2o/L/s | | X7 = -1.0 cmH2o/L/s | |  |  |
|  | 1. When age is 15 | Cut Off value shall be :   |  | | --- | | R7, R11, R19 = 4 cmH2o/L/s | | X7 = -1.0 cmH2o/L/s | |  |  |
|  | 1. When age is above 15 | App shall display Cut off value for R5, R12, R20 and X5 are:   |  | | --- | | R5, R12 = 4 cmH2o/L/s  R20 = 3 cmH2O/L/s | | X5 = -1.0 cmH2o/L/s  R5-20 = 1 cmH2O/L/s  Ax = 4 cmH2O/L  Fres <12 Hz | |  |  |
| #4 | Check above condition by setting unit to kPa/L/s. Observe the cut off value in “View report” and PDF report for all age group. | Cut off Value shall be displayed in kPa/L/s for all age group.  Note : cmH2O⇒⇒0.0981kPa |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-206 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_283

Test Description: To verify cut off value displayed in test report for mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Different patients are created between age group 3-14 and patient with age more than 14. 2. For each patient one trial is conducted(Mono frequency Mode). 3. App is in ‘Patient information’ screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select respective patient and click on view report | N/A Proceed to next step |  |  |
| #2 | Click on “Save to PDF” | N/A Proceed to next step |  |  |
| #3 | In “view report” screen and PDF report, cut off value shall be displayed as per below condition. | N/A Proceed to next step |  |  |
|  | 1. When age is 3 | Cut off value shall be:  R7, R19 = 12 cmH2o/L/s  X7 = -5.12 cmH2o/L/s |  |  |
|  | 1. When age is 4 | Cut Off value shall be :  X5, Fres is :   |  | | --- | | R7, R19 = 11 cmH2o/L/s | | X7 = -4.57 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 5 | Cut Off value shall be:   |  | | --- | | R7, R19 = 10.19 cmH2o/L/s | | X7 = -3.77 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 6 | Cut off value shall be:   |  | | --- | | R7, R19 = 8.97 cmHH2o/L/s | | X7 = -3.36 cm2o/L/s | |  | |  |  |
|  | 1. When age is 7 | Cut Off value shall be:   |  | | --- | | R7, R19 = 8.36 cmH2o/L/s | | X7 = -2.96 cmH2o/L/s | |  | |  |  |
|  | 1. When age is 8 | Cut Off value shall be:   |  | | --- | | R7, R19 = 7.34 cmH2o/L/s | | X7 = -2.56 cmH2o/L/s | |  |  |
|  | 1. When age is 9 | Cut off value shall be:   |  | | --- | | R7, R19 = 6.83 cmH2o/L/s | | X7 = -2.2 cmH2o/L/s | |  |  |
|  | 1. When age is 10 | Cut Off value shall be:   |  | | --- | | R7, R19 = 6.11 cmH2o/L/s | | X7 = -2.16 cmH2o/L/s | |  |  |
|  | 1. When age is 11 | Cut Off value shall be:   |  | | --- | | R7, R19 = 5.35 cmH2o/L/s | | X7 = -1.87 cmH2o/L/s | |  |  |
|  | 1. When age is 12 | Cut Off value shall be:   |  | | --- | | R7, R19 = 4.91 cmH2o/L/s | | X7 = -1.58 cmH2o/L/s | |  |  |
|  | 1. When age is 13 | Cut Off value shall be:   |  | | --- | | R7, R19 = 4.26 cmH2o/L/s | | X7 = -1.3 cmH2o/L/s | |  |  |
|  | 1. When age is 14 | Cut Off value shall be:   |  | | --- | | R7, R19 = 4 cmH2o/L/s | | X7 = -1.0 cmH2o/L/s | |  |  |
|  | 1. When age is 15 | Cut Off value shall be :   |  | | --- | | R7, R19 = 4 cmH2o/L/s | | X7 = -1.0 cmH2o/L/s | |  |  |
|  | 1. When age is above 15 | App shall display reference band for R5, R11, R19 and X5 are:   |  | | --- | | R5, R11 = 4 cmH2o/L/s  R19 = 3 cmH2O/L/s | | X5 = -1.0 cmH2o/L/s  R5-19 = 1 cmH2O/L/s  Ax = 4 cmH2O/L  Fres <12 Hz | |  |  |
| #4 | Check above condition by setting unit to kPa/L/s. Observe the cut off value in “View report” and PDF report for all age group. | Cut off Value shall be displayed kPa/L/s for all age group.  Note : cmH2O⇒⇒0.0981kPa |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-206 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_284

Test Description: To verify indications of Resistance graph in PDF report and view report screen..

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Test is conducted, and app is in view report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Resistance graph in “View report” screen. | N/A Proceed to next step |  |  |
| #2 | Observe predicted reference band. | Predicted reference band shall be marked with green color. |  |  |
| #3 | Observe pre-test data line. | Pre-test data shall be marked in thick red line. |  |  |
| #4 | Observe post-test data line. | Post-test data shall be marked in dotted red line |  |  |
| #5 | Save the report as PDF and observe the pre test data line. | Pre-test data shall be marked in thick red line. |  |  |
| #6 | Observe the post test data. | Post-test data shall be marked in dotted red line |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-207 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_285

Test Description: To verify indications of Reactance graph in view report screen and PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Test is conducted, and app is in view report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Reactance graph in view report screen. | N/A Proceed to next step |  |  |
| #2 | Observe predicted reference band. | Predicted reference band shall be marked with green color. |  |  |
| #3 | Observe pre-test data line. | Pre-test data shall be marked in thick blue line. |  |  |
| #4 | Observe post-test data line. | Post-test data shall be marked in dotted blue line |  |  |
| #5 | Save the report as PDF and observe the pre test data line. | Pre-test data shall be marked in thick blue line. |  |  |
| #6 | Observe the post test data. | Post-test data shall be marked in dotted blue line |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-208 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_286

Test Description: To verify availability of delete button in “View Report” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct test trail for multi-mode, and upon completion of test click on “View Report” screen. | N/A Proceed to next step |  |  |
| #2 | Observe the delete button. | N/A Proceed to next step |  |  |
| #3 | Click on test again and upon completion of test click on “View report” | N/A Proceed to next step |  |  |
| #4 | Repeat same step for mono 5Hz,7Hz and 19Hz frequency. | App shall display “delete” button for each acts trails. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-209 |
| AP-SRS-224 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_287

Test Description: To verify functionality of delete button in “View Report” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct test trail for multi-mode, and upon completion of test click on “View Report” screen. | N/A Proceed to next step |  |  |
| #2 | Observe the delete button. | N/A Proceed to next step |  |  |
| #3 | Click on delete button | App shall popup confirmation message before deleting the act with “Yes” or “No” option. |  |  |
| #4 | Click on “No” | App shall remain in same page, and act shall not be deleted. |  |  |
| #5 | Click on “Delete” button. | App displays confirmation message. |  |  |
| #6 | Click on “Yes” in the confirmation message | Selected app shall be deleted |  |  |
| #7 | Click on “Test Again” option. | N/A Proceed to next step |  |  |
| #8 | Conduct test trail, upon completion of test click on “View report” | N/A Proceed to next step |  |  |
| #9 | Click on “Doctor’s comment”, enter required comments and click on “Save” | N/A Proceed to next step |  |  |
| #10 | Click on “Save to PDF” | N/A Proceed to next step |  |  |
| #11 | Observe delete button in view report screen and click on “Delete” | App shall allow to delete act even after navigating to any other buttons in the “View report” screen. |  |  |
| #12 | Repeat the same step for mono 5HZ, 7Hz and 19 Hz frequeny | App shall allow to delete the act. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-210 |
| AP-SRS-224 |
| AP-SRS-226 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_288

Test Description: To verify functionality of delete button in “View Report” screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in Conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct more than 2 test trail for multi-mode, and click on “View report” | N/A Proceed to next step |  |  |
| #2 | Observe the delete button. | N/A Proceed to next step |  |  |
| #3 | Click on delete button for any one act | Deleted act shall not be displayed in view report screen. |  |  |
| #4 | Click on “Save to PDF” | N/A Proceed to next step |  |  |
| #5 | Observe the PDF report | Deleted act shall not be displayed in PDF report |  |  |
| #6 | Repeat the same step for mono 5Hz,7Hz and 12Hz frequency. | Deleted act shall not be displayed in “View report” screen and PDF report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-210 |
| AP-SRS-225 |
| AP-SRS-225 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_289

Test Description: To verify user can save the displayed report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Click on view report button. | N/A Proceed to next step |  |  |
| #7 | Click on save button. | N/A Proceed to next step |  |  |
| #8 | Select desired folder from "Save As" Pop-up Window. | N/A Proceed to next step |  |  |
| #9 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #10 | Go to selected folder. | N/A Proceed to next step |  |  |
| #11 | Ensure report is saved in that folder. | App shall allow user to save the generated report and report shall be saved in local machine. |  |  |
| #12 | Repeat the Step 1 to 11 for frequency 7Hz, 19Hz and multi frequency. | App shall allow user to save the generated report and report shall be saved in local machine. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-211 |
| AP-SRS-222 |
| AP-SRS-223 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_290

Test Description: To verify user App allows user to initiate next test trial with same subject.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Click on view report button. | N/A Proceed to next step |  |  |
| #7 | Click on “Save to PDF” button. | N/A Proceed to next step |  |  |
| #8 | Select desired folder from "Save As" Pop-up Window. | N/A Proceed to next step |  |  |
| #9 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #10 | After saving, click on “Test Again” button in “View report” screen. | App shall allow user to initiate next trial for same subject upon click on “Test Again” button. |  |  |
| #11 | Repeat Step 1 to 10 for 7Hz, 19 Hz and multi frequency mode. | App shall allow user to initiate next trial for same subject upon click on “Test Again” button. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-212 |
| AP-SRS-223 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_291

Test Description: To verify app saves each test value to local db automatically after completing test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | * + - 1. Patient is registered, and app is in “Conduct test” screen.       2. Multi frequency mode is selected | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Start” button | N/A, Proceed to next step |  |  |
| #2 | Click on “Capture” button | N/A, Proceed to next step |  |  |
| #3 | After completion of test click on “Stop” and observe generated report | N/A, Proceed to next step |  |  |
| #4 | Repeat step 1,2 and 3 for 2 times | N/A, Proceed to next step |  |  |
| #5 | Observe the report. | In view report screen values shall be displayed in ACT1, ACT2 and ACT3. |  |  |
| #6 | Goto App file location and click on “App” folder. | N/A, Proceed to next step |  |  |
| #7 | Select antlia\_local file and open it using “DB browser for SQLite portable” application | N/A, Proceed to next step |  |  |
| #8 | Click on Execute SQL” in DB browser and write below command :  select pid from patients where extid = 12300001;  Note : Where 12300001shall be replaced with respective patient ID | N/A, Proceed to next step |  |  |
| #9 | Click on “Execute All/Selected SQL button” in DB browser. | DB will execute the SQL and displays pid. |  |  |
| #10 | Note down the pid displayed, remove the previous command and execute below command :  select \* from report where patientId = 2;  Note : replace 2 with obtained pid from previous command. | Report Id will be displayed based on test conducted date for respective patient. |  |  |
| #11 | Note down the report ID of latest test, remove the previous command and execute below command :  select \* from multi\_mode\_data where reportId= 1;  Note : Where replace 1 with ID obtained from previous command. | DB browser shall display all parameters of each act conducted. Reading displayed in DB bowser shall match the readings displayed in application. |  |  |
| #12 | Navigate to Antlia Pro app, and click on “Test Again” in “View report” screen | N/A, Proceed to next step |  |  |
| #13 | Click on “Start” button | N/A, Proceed to next step |  |  |
| #14 | Click on “Capture” | N/A, Proceed to next step |  |  |
| #15 | Remove USB from PC. | N/A, Proceed to next step |  |  |
| #16 | Reconnect PFT device and app and conduct test for same patient. | N/A, Proceed to next step |  |  |
| #17 | After completion of test observe the values. | App shall display values in ACT4 column. |  |  |
| #18 | Repeat step 6 to 11 and observe the readings stored in database. | All 4 acts test readings shall be stored in database. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-213 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_292

Test Description: To verify app saves each test value to local db automatically after completing test trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | * + - 1. Patient is registered, and app is in “Conduct test” screen.       2. Mono frequency mode is selected | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Start” button | N/A, Proceed to next step |  |  |
| #2 | Click on “Capture” button | N/A, Proceed to next step |  |  |
| #3 | After completion of test click on “Stop” and observe generated report | N/A, Proceed to next step |  |  |
| #4 | Repeat step 1,2 and 3 for 2 times | N/A, Proceed to next step |  |  |
| #5 | Observe the report. | In view report screen values shall be displayed in ACT1, ACT2 and ACT3. |  |  |
| #6 | Goto App file location and click on “App” folder. | N/A, Proceed to next step |  |  |
| #7 | Select antlia\_local file and open it using “DB browser for SQLite portable” application | N/A, Proceed to next step |  |  |
| #8 | Click on Execute SQL” in DB browser and write below command :  select pid from patients where extid = 12300001;  Note : Where 12300001shall be replaced with respective patient ID | N/A, Proceed to next step |  |  |
| #9 | Click on “Execute All/Selected SQL button” in DB browser. | DB will execute the SQL and displays pid. |  |  |
| #10 | Note down the pid displayed, remove the previous command and execute below command :  select \* from report where patientId = 2;  Note : replace 2 with obtained pid from previous command. | Report Id will be displayed based on test conducted date for respective patient. |  |  |
| #11 | Note down the report ID of latest test, remove the previous command and execute below command :  select \* from mono\_data where reportId= 1;  Note : Where replace 1 with ID obtained from previous command. | DB browser shall display all parameters of each act conducted. Reading displayed in DB bowser shall match the readings displayed in application. |  |  |
| #12 | Navigate to Antlia Pro app, and click on “Test Again” in “View report” screen | N/A, Proceed to next step |  |  |
| #13 | Click on “Start” button | N/A, Proceed to next step |  |  |
| #14 | Click on “Capture” | N/A, Proceed to next step |  |  |
| #15 | Remove USB from PC. | N/A, Proceed to next step |  |  |
| #16 | Reconnect PFT device and app and conduct test for same patient. | N/A, Proceed to next step |  |  |
| #17 | After completion of test observe the values. | App shall display values in ACT4 column. |  |  |
| #18 | Repeat step 6 to 11 and observe the readings stored in database. | All 4 acts test readings shall be stored in database. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-227 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_293

Test Description: To verify user can view report after conducting test in mono frequency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait until test completes | N/A Proceed to next step |  |  |
| #7 | Click on view report button. | N/A Proceed to next step |  |  |
| #8 | Observe the report. | App shall allow user to view conducted mono frequency report. |  |  |
| #9 | Repeat step 1 to 8for 12 Hz and 19 Hz frequency mode. | App shall allow user to view conducted mono frequency report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-214 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_294

Test Description: To verify patient information in report view screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in user home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and wait until test completes. | N/A Proceed to next step |  |  |
| #7 | Click on view report button. | N/A Proceed to next step |  |  |
| #8 | Observe the report generated in “View report” screen. | App shall display   * Product Name * Hospital Name * Patient ID * Patient Name * Gender * DOB * Age * Smoker * Height * Weight * BMI * Region * Caregiver Name * Doctor Name * Act Table (Test data) * Option select/deselect acts. * Doctor’s comment * ‘Save to PDF’ option. * Resistance and reactance graph * ‘Back’ option * Anonymize * Delete button |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-215 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_295

Test Description: To verify test result is displayed under respective test data table for selected frequency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered On and green light is blinking.  2. PFT device and App is connected through USB cable.  3. Patient are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe report generated in test table. | App shall display test result under Mono 5 of ACT1 column for R,X and Zparameter. |  |  |
| #7 | Repeat case 1 by selecting Mono 7 frequency from frequency mode. | App shall display test result under Mono 7 of ACT2 column for R, Z and X parameter. |  |  |
| #9 | Repeat case 1 by selecting Mono 19 frequency from frequency mode. | App shall display test result under Mono19 of ACT4 column for R, X and Z paramter. |  |  |
| #11 | Ensure all test values are displayed in respective ACT columns | App shall display all test trial values in successive ACT columns with breathing quality. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-216 |
| AP-SRS-221 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_296

Test Description: To verify displaying of coherence value based on captured test data.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient are created, and App is in admin/ technician home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe the generated report for Coherence value | App shall display ACT table with Coherence value as below:  “>0.9” When Subject breath quality is good in selected frequency.  “<0.9” – When breath quality is not good in any frequencies. |  |  |
| #7 | Repeat step 1 to 6 for 7Hz, 19 Hz and multi frequency mode | App shall display ACT table with Coherence value as below:  “>0.9” When Subject breath quality is good in selected frequency.  “<0.9” – When breath quality is not good in any frequencies. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-218 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_297

Test Description: To verify displaying of R and X graph in view report screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select multi frequency mode from the dropdown. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe the R and X graph | R and X graph shall display after ACT table. |  |  |
| #7 | Click on save button. | N/A Proceed to next step |  |  |
| #8 | Observe R and X graph in PDF report. | R and X graph shall be displayed after consolidated table. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-219 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_298

Test Description: To verify displaying of mouth pressure graph in PDF report and view report screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono 5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Observe the mouth pressure graph | Mouth pressure graph shall display after ACT table. |  |  |
| #7 | Click on save button. | N/A Proceed to next step |  |  |
| #8 | Observe mouth pressure graph in PDF report. | Mouth pressure graph shall display after ACT table |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-220 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_298a

Test Description: To verify the ability to enable and disable interpretation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App should be in user login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect the ‘Settings’ option in the home screen | ‘Setting’ Option should be listed. |  |  |
| #2 | Click on ‘Settings’ option and observe the application behavior | App should navigate to ‘Settings’ screen |  |  |
| #3 | Visually inspect for the ‘Select parameters’ button | ‘Select parameters’ option should be available in settings screen |  |  |
| #4 | Click on ‘Select parameters’ button | App should navigate to ‘select parameters’ screen |  |  |
| #5 | Visually inspect for the interpretation check box | Interpretation check box should be available on ‘select parameters’ screen |  |  |
| #6 | Select the ‘Interpretation check box’ and click on save button | N/A proceed to next step |  |  |
| #7 | Goto home screen and click on conduct test field | App should navigate to conduct test screen |  |  |
| #8 | Select the particular patient from the list and click on ‘Conduct Test’ button | App should navigate to conduct test screen |  |  |
| #9 | Select the required test type and frequency mode and click on start button | App should start the test ,capture the data and view the report |  |  |
| #10 | In view report screen visually inspect for the ‘Save as pdf’ option | ‘Save as PDF’ option should be available |  |  |
| #12 | Click on ‘Save as PDF’ button and observe the application behavior | ‘Report saved successfully’ message should display and saved PDF report display |  |  |
| #13 | Visually inspect the ‘Device Interpretation’ field in PDF report | ‘Device interpretation’ field should be displayed in PDF report |  |  |
| #14 | Repeat the step #1 to #7 | N/A proceed to next step |  |  |
| #15 | Unselect the ‘Interpretation check box’ and click on save button | N/A proceed to next step |  |  |
| #16 | Repeat step #9 to #13 | N/A proceed to next step |  |  |
| #17 | Visually inspect the ‘Device Interpretation’ field in PDF report | ‘Device interpretation’ field should not be displayed in PDF report |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-242 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_299

Test Description: To verify user can save the displayed report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patients are created, and App is in User home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test option. | N/A Proceed to next step |  |  |
| #2 | Select patient from the list and click on conduct test button. | N/A Proceed to next step |  |  |
| #3 | Select pre-test/Post-test options. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Mono5 Hz. | N/A Proceed to next step |  |  |
| #5 | Conduct test trial. | N/A Proceed to next step |  |  |
| #6 | Click on view report button. | N/A Proceed to next step |  |  |
| #7 | Click on save to pdf button. | N/A Proceed to next step |  |  |
| #8 | Select desired folder from "Save As" Pop-up Window. | N/A Proceed to next step |  |  |
| #9 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #10 | Go to selected folder. | N/A Proceed to next step |  |  |
| #11 | Ensure report is saved in that folder. | App shall allow user to save the generated report and report shall be saved in local machine. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-222 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_300

Test Description: To verify app asks user to choose storage location to save report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Conduct test screen.  2. Report is generated, and app is in view report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Save to PDF” button in generated report. | N/A Proceed to next step |  |  |
| #2 | Select desired folder from "Save As" Pop-up Window. | N/A Proceed to next step |  |  |
| #3 | Click on "Save" button. | N/A Proceed to next step |  |  |
| #4 | Go to selected folder. | N/A Proceed to next step |  |  |
| #5 | Ensure report is saved in that folder. | Patient report shall be saved in user selected storage location. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-229 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_301

Test Description: To verify default report file name format.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Conduct test screen.  2. Report is generated, and app is in report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Save button in generated report. | N/A Proceed to next step |  |  |
| #2 | Observe default file name in "Save As" Pop-up Window. | Default file name format shall be "<Patient ID \_(X)>.pdf"  (X) means date and time at when report is saved. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-258 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_302

Test Description: To verify report file name can be renamed before saving.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Conduct test screen.  2. Report is generated, and app is in view report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Save to PDF “ button in generated report. | N/A Proceed to next step |  |  |
| #2 | Observe default file name in "Save As" Pop-up Window | N/A Proceed to next step |  |  |
| #3 | Delete default file name. | N/A Proceed to next step |  |  |
| #4 | Rename the patient report. | N/A Proceed to next step |  |  |
| #5 | Click on save button. | N/A Proceed to next step |  |  |
| #6 | Go to saved file storage location. | N/A Proceed to next step |  |  |
| #7 | Observe the patient report and ensure File name is renamed. | App shall allow user to rename the patient report file name before saving. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-261 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_303

Test Description: To verify success message after saving patient report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Conduct test screen.  2. Report is generated, and app is in report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Save" button in generated report. | N/A Proceed to next step |  |  |
| #2 | Click on save in "Save As" pop-up window. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | App shall display pop-up message as "Report saved successfully". |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-262 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_304

Test Description: To verify app opens saved PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App is in Conduct test screen.  2. Report is generated, and app is in report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on "Save" button in generated report. | N/A Proceed to next step |  |  |
| #2 | Click on save in "Save As" pop-up window. | N/A Proceed to next step |  |  |
| #3 | Observe the app behavior. | Upon successful save, app shall open the saved report in PDF format. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-263 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_305

Test Description: To check reliability of desktop app and PFT device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device is available, powered ON and green light is blinking.  2. PFT device and app is connected through USB cable.  3. App is in home screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on Add new patient option. | N/A Proceed to next step |  |  |
| #2 | Enter all details of patient. | N/A Proceed to next step |  |  |
| #4 | Click on save and conduct test option. | N/A Proceed to next step |  |  |
| #3 | Select pre-test or post-test option. | N/A Proceed to next step |  |  |
| #4 | Select frequency mode from the dropdown. Ex: Multi. | N/A Proceed to next step |  |  |
| #5 | Click on start button. | N/A Proceed to next step |  |  |
| #6 | Click on capture button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #7 | Click on view report upon completion of the test | N/A Proceed to next step |  |  |
| #8 | Click on test again. |  |  |  |
| #9 | Repeat step 3 to 7 for 60 times. | Connection between PFT and PC app shall be consistent. |  |  |
| #14 | Ensure connection between PFT and PC app is consistent. | Shall allow to conduct at least 60 trials without disconnection. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-267 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_306

Test Description: To verify setting screen option

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | PFT device and PC are connected and logged into admin mode | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select “Settings” option in navigation bar | N/A, Proceed to next step |  |  |
| #2 | Visually inspect the options available in settings screen | * COM port from dropdown. * baud rate from dropdown. * Device ID * Threshold value * Select parameters. * Save |  |  |
| #2 | Click on “COM port” dropdown and select PFT device com port from dropdown list | Selected “COM” port shall be displayed in dropdown filed |  |  |
| #3 | Click on “Baud rate” dropdown and select 115200 baud rate from dropdown list | Selected “Baud rate” shall be displayed in dropdown field. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-268 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_307

Test Description: To verify app automatically selects a COM port for connection.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected and logged into Technician app.  2. App is in “Home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect PFT device to one COM port and Spirometer to another port. | N/A, Proceed to next step |  |  |
| #2 | Click on “Connect” icon in home screen | N/A, Proceed to next step |  |  |
| #3 | Observe app behavior. | App shall get connected with PFT device automatically even if COM port is not selected. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-269 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_308

Test Description: To verify app automatically selects a COM port for connection.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected and logged into Technician app.  2. App is in “Home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect PFT device to COM port. | N/A, Proceed to next step |  |  |
| #2 | Click on “Connect” icon in home screen | App shall get connected with PFT device. |  |  |
| #3 | Go to “Settings” screen from “Home screen” | N/A, Proceed to next step |  |  |
| #4 | Observe “Baud rate” in dropdown field. | App shall automatically select “115200” and display baud rate even if baud rate is not selected. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-270 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_309

Test Description: To verify options in select parameter screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected.  2. App is in “Admin Home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select settings from menu | N/A, Proceed to next step |  |  |
| #2 | Visually inspect for select parameter button | N/A, Proceed to next step |  |  |
| #3 | Click on select parameter | N/A, Proceed to next step |  |  |
| #4 | Visually inspect for the options available in select parameter screen | Following fields shall be available:   * Multi parameters * R5 * R11 * R19 * X5 * X11 * X19 * Z5 * Z19 * DeltaX * Fres * Coherence5 * Coherence20 * TestTime * R5-19 * Area Of X * RInsp * Rexp * R5 end Insp * R5 end Exp * X5 Insp * X5 Exp * X5 end Insp * X5 end Exp * Time Insp * Time Exp * RR * Qi * Qe * Ve * Tidal volume * Mono parameters * Z5 * Z7 * Z19 * X5 * X7 * X19 * R5 * R7 * R19 * Coherence * TestTime * Display all acts * One Page Report * Full Page Report * kPa/L/Sec * cmH2o/L/Sec * Save * Referred by * Test conducted by * Doctor’s signature * Same Header For All Screen * Logo enabled |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_310

Test Description: To verify “Doctor’s signature” option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected.  2. App is in “User home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select settings from navigation bar | N/A, Proceed to next step |  |  |
| #2 | Visually inspect for select parameter button | N/A, Proceed to next step |  |  |
| #3 | Click on select parameter | N/A, Proceed to next step |  |  |
| #4 | Visually inspect for” Doctor’s signature” | Check box should be available for “Doctors signature” |  |  |
| #5 | Select “Doctor’s signature” option and click on save | App should show pop-up “saved successfully” |  |  |
| #6 | Click on conduct test and save the reports | Pdf will get saved and it will open automatically using existing pdf viewer in the system. |  |  |
| #7 | Visually inspect for the signature option in pdf | Pdf shall display “Doctor’s signature” option at the bottom of the last page. |  |  |
| #8 | Deselect “Doctor’s signature” option under select parameters and click on save | App should display “saved successfully “ |  |  |
| #9 | Click on “Conduct test”, after completion of test save the pdf | Pdf will get saved in specified directory and open automatically using existing pdf viewer in system. |  |  |
| #10 | Visually inspect pdf report | Pdf should display doctors name which provided while creating staff with designation if provided. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_311

Test Description: To visually inspect Success notification after saving the parameters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App should be in user login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on ‘Settings’ option and observe the application behavior | App should navigate to ‘Settings’ screen |  |  |
| #2 | Visually inspect for the ‘Select parameters’ button | ‘Select parameters’ option should be available in settings screen |  |  |
| #3 | Click on ‘Select parameters’ button | App should navigate to ‘select parameters’ screen |  |  |
| #4 | Select/de-select parameters and click on save button | App shall display the popup message as ‘Saved successfully’. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_312

Test Description: To verify “Display all act” option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected.  2. App is in “User home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select settings from navigation bar | N/A, Proceed to next step |  |  |
| #2 | Visually inspect for select parameter button | N/A, Proceed to next step |  |  |
| #3 | Click on select parameter | N/A, Proceed to next step |  |  |
| #4 | Visually inspect for” Display all acts” | Check box should be available for “Display all acts” |  |  |
| #5 | Select “Display all acts” option and click on save | App should show pop-up “saved successfully” |  |  |
| #6 | Click on conduct test and save the reports | Pdf will get saved and it will open automatically using existing pdf viewer in the system. |  |  |
| #7 | Visually inspect for the pdf report | Pdf shall display all conducted acts. |  |  |
| #8 | Deselect “Display all acts” option under select parameters and click on save | App should display “saved successfully “ |  |  |
| #9 | Click on “Conduct test”, after completion of test save the pdf | Pdf will get saved in specified directory and open automatically using existing pdf viewer in system. |  |  |
| #10 | Visually inspect pdf report | Pdf shall not display all acts, instead it will just contain avg values. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_313

Test Description: To verify “One page report” and “ Full page report” option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected.  2. App is in “User home screen” | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select settings from navigation bar | N/A, Proceed to next step |  |  |
| #2 | Visually inspect for select parameter button | N/A, Proceed to next step |  |  |
| #3 | Click on select parameter | N/A, Proceed to next step |  |  |
| #4 | Visually inspect for” One page report” | Check box should be available for “One page report” |  |  |
| #5 | Select “One page report” option and click on save | App should show pop-up “saved successfully” |  |  |
| #6 | Click on conduct test and save the reports | Pdf will get saved and it will open automatically using existing pdf viewer in the system. |  |  |
| #7 | Visually inspect for the pdf report | Saved PDF shall be one page. |  |  |
| #8 | Select “Full page report” option under select parameters and click on save | App should display “saved successfully “ |  |  |
| #9 | Click on “Conduct test”, after completion of test save the pdf | Pdf will get saved in specified directory and open automatically using existing pdf viewer in system. |  |  |
| #10 | Visually inspect pdf report | Saved PDF shall be more than one page |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_314

Test Description: To verify “Logo enabled” option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Login to Admin screen. | N/A, Proceed to next step |  |  |
| #2 | Click on hospital information and edit | N/A, Proceed to next step |  |  |
| #3 | Upload logo | N/A, Proceed to next step |  |  |
| #4 | Click on save | N/A, Proceed to next step |  |  |
| #5 | Login to user mode | N/A, Proceed to next step |  |  |
| #1 | Select settings from navigation bar | N/A, Proceed to next step |  |  |
| #2 | Visually inspect for select parameter button | N/A, Proceed to next step |  |  |
| #3 | Click on select parameter | N/A, Proceed to next step |  |  |
| #4 | Visually inspect for” Logo enabled” | Check box should be available for “Logo enabled” |  |  |
| #5 | Select “Logo enabled” option and click on save | App should show pop-up “saved successfully” |  |  |
| #6 | Click on conduct test and save the reports | Pdf will get saved and it will open automatically using existing pdf viewer in the system. |  |  |
| #7 | Visually inspect for the Logo in pdf report | Pdf shall display uploaded logo. |  |  |
| #8 | Deselect “Logo enabled” option under select parameters and click on save | App should display “saved successfully “ |  |  |
| #9 | Click on “Conduct test”, after completion of test save the pdf | Pdf will get saved in specified directory and open automatically using existing pdf viewer in system. |  |  |
| #10 | Visually inspect pdf report | Pdf shall not display logo. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-271 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_315

Test Description: To verify parameter unit alignment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App should be in user login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Create patient in “Patient info” screen. | As expected, new patient is created. |  |  |
| #2 | Click on “Save and conduct test” | App shall navigate to “Conduct test” screen. |  |  |
| #3 | Select “Test type” and click on “Start” | As expected, clicked on “Start” button. |  |  |
| #4 | Click on “Capture” button once it is enabled. | App will start capturing the data. |  |  |
| #5 | Upon completion of test, observe the unit in test report. | App shall display the test report and if unit is cmH2O /L/s, where 2 shall be the subscript of H.(eg:cmH2O) |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-272 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_316

Test Description: To verify the fields to update threshold values in settings screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. App should be in admin login screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Login to Antlia Admin screen. | App shall navigate to admin home screen. |  |  |
| #2 | Click on “Settings” | App shall navigate to “Settings” screen. |  |  |
| #3 | Observe the app behavior. | App shall allow to enter threshold values for 5Hz. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-273 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_317

Test Description: To verify number of mouth pressure samples for Multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. 24 seconds multi test is conducted. 2. Raw data of Multi test is stored in local storage in .csv format. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to local storage where raw data file is stored. | N/A Proceed to next step |  |  |
| #2 | Open raw data file of MP. | N/A Proceed to next step |  |  |
| #3 | Select MP row /2nd row in raw data file. | N/A Proceed to next step |  |  |
| #4 | Observe bottom of raw data file for number of count. | For multi frequency mode count of data values shall be “24576”. |  |  |
| #5 | By selecting MP row, click on “Insert” tab. | N/A Proceed to next step |  |  |
| #6 | Select “Area chart” dropdown from insert tab. | N/A Proceed to next step |  |  |
| #7 | Click on 2nd graph or stacked line graph. | Plots and displays patient’s mouth pressure graph in the form of sinusoidal waves. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-320 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_318

Test Description: To verify number of flow samples for Multi frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. 24 seconds multi test is conducted. 2. Raw data of Multi test is stored in local storage in .csv format. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to local storage where raw data file is stored. | N/A Proceed to next step |  |  |
| #2 | Open raw data file of FLOW. | N/A Proceed to next step |  |  |
| #3 | Select Flow row /1st row in raw data file. | N/A Proceed to next step |  |  |
| #4 | Observe bottom of raw data file for number of count. | For multi frequency mode count of data values shall be “24576”. |  |  |
| #5 | By selecting Flow row, click on “Insert” tab. | N/A Proceed to next step |  |  |
| #6 | Select “Area chart” dropdown from insert tab. | N/A Proceed to next step |  |  |
| #7 | Click on 2nd graph or stacked line graph. | Plots and displays patient’s volume graph |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-321 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_319

Test Description: To verify number of mouth pressure samples for Mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. 12 seconds mono test is conducted. 2. Raw data of Mono test is stored in local storage in .csv format. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to local storage where raw data file is stored. | N/A Proceed to next step |  |  |
| #2 | Open raw data file of MP. | N/A Proceed to next step |  |  |
| #3 | Select MP row / 1st row | N/A Proceed to next step |  |  |
| #4 | Observe bottom of raw data file for number of count. | For mono frequency mode count of data values shall be “12288”. |  |  |
| #5 | By selecting MP row, click on “Insert” tab. | N/A Proceed to next step |  |  |
| #6 | Select “Area chart” dropdown from insert tab. | N/A Proceed to next step |  |  |
| #7 | Click on 2nd graph or stacked line graph. | Plots and displays patient’s mouth pressure graph in the form of sinusoidal waves. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-318 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_320

Test Description: To verify number of flow samples for Mono frequency mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. 12 seconds mono test is conducted. 2. Raw data of Mono test is stored in local storage in .csv format. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to local storage where raw data file is stored. | N/A Proceed to next step |  |  |
| #2 | Open raw data file of Flow. | N/A Proceed to next step |  |  |
| #3 | Select Flow row /1st row in raw data file. | N/A Proceed to next step |  |  |
| #4 | Observe bottom of raw data file for number of count. | For mono frequency mode count of data values shall be “12288”. |  |  |
| #5 | By selecting Flow row, click on “Insert” tab. | N/A Proceed to next step |  |  |
| #6 | Select “Area chart” dropdown from insert tab. | N/A Proceed to next step |  |  |
| #7 | Click on 2nd graph or stacked line graph. | Plots and displays patient’s volume graph |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-319 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_321

Test Description: To verify number of sampling frequency to get samples at every 4 seconds.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. 24 seconds multi test is conducted. 2. Raw data of Multi test is stored in local storage in .csv format. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to local storage where raw data file is stored. | N/A Proceed to next step |  |  |
| #2 | Open raw data file(MP rawdata). | N/A Proceed to next step |  |  |
| #3 | Select first column | N/A Proceed to next step |  |  |
| #5 | Observe bottom of raw data file for number of count for 24 secs. | For mono frequency mode count of data values shall be “24576”. |  |  |
| #6 | Divide total count by 24 to get samples. | Samples shall be 24576/24=1024 Hz for every 4 seconds. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-317 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_322

Test Description: To verify number of pressure samples stored in buffer shall be 4096 for 4 seconds.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Mono/Multi frequency raw data is stored in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open local storage where raw data is stored in PC. | Raw data file shall be available. |  |  |
| #2 | Open raw data file | Raw data file shall be opened. |  |  |
| #4 | Select whole mouth pressure row. | Mouth pressure row is selected. |  |  |
| #5 | Onright bottom of excel sheet observe the number of count | For mono Number of data count shall be 12288 for mono frequency.  For multi Number of data count shall be 24576 for mono frequency. |  |  |
| #6 | Divide number of data count by test duration time.  Test duration for mono is 12 seconds.  Test duration for multi is 24 seconds. | For mono 12288/12=1024 for 1 second.  For multi 24576/24=1024 for 1 second. |  |  |
| #7 | Number of samples for 1 second is 1024, calculate for 4 seconds. | For mono 1024\*4=4096 for 4 seconds.  For multi 1024\*4=4096 for 4 seconds.  -Number of pressure samples stored in buffer shall be 4096 for 4 seconds |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-322 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_323

Test Description: To verify Number of flow samples stored in buffer for 4 seconds.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Mono/Multi frequency raw data is stored in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open local storage where raw data is stored in PC. | Raw data file shall be available. |  |  |
| #2 | Open raw data file of Flow | Raw data file shall be opened. |  |  |
| #4 | Select whole Flow samples row. | Flow samples row is selected. |  |  |
| #5 | Onright bottom of excel sheet observe the number of count | For mono Number of data count shall be 12288 for mono frequency.  For multi Number of data count shall be 24576 for mono frequency. |  |  |
| #6 | Divide number of data count by test duration time.  Test duration for mono is 12 seconds.  Test duration for multi is 24 seconds. | For mono 12888/12=1024 for 1 second.  For multi 24576/24= 1024 for 1 second. |  |  |
| #7 | Number of samples for 1 second is 1024, calculate for 4 seconds. | For mono 1024\*4=4096 for 4 seconds.  For multi 1024\*4=4096 for 4 seconds.  -Number of pressure samples stored in buffer shall be 4096 for 4 seconds |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-322 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_324

Test Description: To visually inspect COV value.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App is in view report screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Save the test and observe the pdf for COV | COV value should be less than 0.15 to display breathing quality. |  |  |
| 2 | Visually inspect information on COV is less than 0.15 in design document. | Firmware design architecture shall have information on Coherence factor is less than 0.15. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-324 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_325

Test Description: To visually inspect CPSD Length-1024\*24 sample points for Pressure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect information on CPSD Length- 1024 \*24 sample points for pressure in design document. | Firmware design architecture shall have information on CPSD Length- 1024 \*24 sample points for pressure |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-325 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_326

Test Description: To visually inspect CPSD Length-1024\*24 sample points for flow.

by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect information on CPSD Length- 1024\*24 sample points for flow in design document. | Firmware design architecture shall have information on CPSD Length- 1024\*24 sample points for flow |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-326 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_327

Test Description: To visually inspect Resistance (Rrs) and Reactance (Xrs) shall be calculated using Output of CPSD length of 258 samples

by referring to a Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect Resistance and Reactance (Xrs) calculation using 258 samples in design document. | Firmware design architecture shall have information on Reactance (Xrs) shall be calculated for Output of CPSD Length of 2048 Sample points. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-327 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_328

Test Description: To visually inspect Positive Resistance values is considered from samples to compute the average Resistance value (Rrs) by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect information on Positive Resistance value is considered from 1024\*24 samples to compute the average Resistance value (Rrs)in design document. | Firmware design architecture shall have information on Positive Resistance values is considered from 1024\*24 samples to compute the average Resistance value (Rrs) |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-328 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_329

Test Description: To visually inspect Corresponding Reactance of Positive Resistance values is considered from samples to compute the average Reactance value (Xrs) by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect information on Corresponding Reactance of Positive Resistance values shall be considered from samples to compute the average Reactance value (Xrs) in design document. | Firmware design architecture shall have information on Corresponding Reactance of Positive Resistance values shall be considered from samples to compute the average Reactance value (Xrs). |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-329 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_330

Test Description: To visually inspect Artifacts present in the Resistance is eliminated/reduced to compute the average Resistance value (Rrs) by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect information on Artifacts present in the Resistance shall be eliminated/reduced to compute the average Resistance value (Rrs) in design document. | Firmware design architecture shall have information on Artifacts present in the Resistance shall be eliminated/reduced to compute the average Resistance value (Rrs) |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-330 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_331

Test Description: To visually inspect Corresponding Reactance values of Resistance shall be considered to compute the average Reactance value (Xrs) by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect Corresponding Reactance values of Resistance shall be considered to compute the average Reactance value (Xrs) | Firmware design architecture shall have information on Corresponding Reactance values of Resistance shall be considered to compute the average Reactance value (Xrs) |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-331 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_332

Test Description: To visually inspect Impedance shall be computed from R and X values by referring Firmware design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Firmware Architecture design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect Impedance shall be computed from R and X values in firmware architecture document. | Firmware design architecture shall have information on Impedance shall be computed from R and X values. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-332 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_333

Test Description: To verify pre-test and post test data values are displaying in different table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.App is in “Conduct test” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select pre-test type radio button. | Pre-test radio button shall be selected. |  |  |
| #2 | Select mono frequency from frequency mode dropdown. Ex : 5 Hz | 5Hz frequency shall be selected. |  |  |
| #3 | Click on “Start” button | Start button is clicked |  |  |
| #4 | Click on “Capture” after it enables | Plotting of breathing signal shall start |  |  |
| #5 | Click on view report button | Shall display view report screen with act table and data values. |  |  |
| #6 | Click on “Save to PDF” button. | Report shall be saved, and PDF report is opened. |  |  |
| #8 | Click on “Test again” button | Displays “Conduct test” screen. |  |  |
| #9 | Select post-test radio button | Post-test radio button shall be selected. |  |  |
| #10 | Select same frequency mode selected in pre test from frequency mode dropdown. | 5Hz frequency shall be selected. |  |  |
| #11 | Click on “Start” button | Start button is clicked |  |  |
| #12 | Click on “Capture” after it enables | Plotting of breathing signal shall start |  |  |
| #13 | Click on view report button | Shall display view report screen with act table and data values. |  |  |
| #14 | Click on “Save to PDF” button. | Report shall be saved, and PDF report is opened. |  |  |
| #15 | Ensure two different ACT tables are displayed. | Shall display two different tables with pre and post data values. |  |  |
| #16 | Observe Avg(Pre, Post),Anomaly index(Pre, post), %Change values | App shall display Avg, anomaly index for pre and post readings respectively. |  |  |
| #17 | Verify %Change values displayed in view report screen and in PDF report. | %change should be calculated as  %change=((post avg-Pre avg)\*100)/ ׀ Pre Avg ׀ |  |  |
| #18 | Repeat step 1 to 17 for 7Hz, 19Hz and multi frequency mode. | Avg value, Anomaly index, cut off value and %Change shall be displayed as expected. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-234 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_334

Test Description: To verify error code pop-up when USB is not connected to PC.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Antlia Pro app is installed successfully. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop app. | Displays splash screen. |  |  |
| #2 | Enter valid credentials to login. | Displays home screen after successful login |  |  |
| #3 | Without connecting USB, click on “Connect” in home screen. | N/A proceed to next step. |  |  |
| #4 | Observe displaying of error pop-up message. | App shall display error pop-up message when USB is not connected to PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_335

Test Description: To verify error code pop-up when USB is disconnected from PC.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Technician has been logged in successfully. 2. PFT device and PC are connected via USB cable. 3. Patient is registered, and app is in “Conduct test” screen or any screen of app. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Start” button in “Conduct test” screen. | Plotting of graph starts. |  |  |
| #2 | After 4 to 5 seconds, manually remove USB from PC. | USB is removed from PC. |  |  |
| #3 | Observe displaying of error pop-up message. | App shall display error pop-up message when USB is disconnected from PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_336

Test Description: To verify error code pop-up when device got reset.

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| --- | --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | | |
| Test Environment | See Appendix | | | | |
| Initial Conditions | 1.Technician has been logged in successfully.   1. 2.PFT device and PC are connected via USB cable. 2. 3.Patient is registered, and app is in “Conduct test” screen or any screen of app. | | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on conduct test button. | N/A Proceed to next step |  |  |
| #2 | Select pre-test or post-test option. | N/A Proceed to next step |  |  |
| #3 | Select frequency mode from the dropdown. Ex: Multi. | N/A Proceed to next step |  |  |
| #4 | Click on start button. | N/A Proceed to next step |  |  |
| #5 | Click on capture button and instruct patient to breathe. | N/A Proceed to next step |  |  |
| #7 | Save the generated patient report. | N/A Proceed to next step |  |  |
| #8 | Repeat step 1 to 07 for 30 times. | Connection between PFT and PC app shall be consistent. |  |  |
| #9 | Ensure error pop-up if device got reset. | App shall display error pop-up when device got reset. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | | |
| Remarks |  | | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_337

Test Description: To verify pre-average values in PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Tests are conducted by selecting Multi/Mono frequency and pre test type.  2.App is in “View report” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Cut off value, trial number, Pre avg  anomaly index values | App shall display Pre avg, cut off value, trail number and anomaly index values in “View report screen” |  |  |
| #2 | Ensure Pre average values are displaying in Pre avg column by calculating average values of all trials. | Shall display Pre avg values for all trials along with ACT table values in “View report screen” |  |  |
| #3 | Click on “Save” button | Report is saved, and PDF report is opened. |  |  |
| #4 | In PDF observe pre-avg, cut off value, anomaly index and ACT values. | Shall display:   * Trial number (Example: Act1, Act2 etc.,) * Cut off values * Avg values (Pre-Avg) * Anomaly index |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-217 |
| AP-SRS-234 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_338

Test Description: To verify post-average values in PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Tests are conducted by selecting Multi/Mono frequency and post test type. 2.App is in “View report” screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Observe Cut off value, trial number, Post avg  anomaly index values | App shall display Post avg, cut off value, trail number and anomaly index values in “View report screen” |  |  |
| #2 | Ensure Post average values are displaying in Post avg column by calculating average values of all trials. | Shall display Post avg values for all trials along with ACT table values in “View report screen” |  |  |
| #3 | Click on “Save” button | Report is saved, and PDF report is opened. |  |  |
| #4 | In PDF observe pre-avg, post % pred, predicted and ACT values. | Shall display:   * Trial number (Example: Act1, Act2 etc.,) * Cut Off values * Avg values (Post-Avg) * Anomaly index * %Change value when both pre and post test conducted. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-217 |
| AP-SRS-234 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_339

Test Description: Visually inspect ‘Device interpretation’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patient is created, and test is conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Conduct atleat 3 pre and post test accordingly for particular patient and save the test report. | App shall be saved report in PDF format |  |  |
| #2 | Visually inspect the device interpretation images and statement based below conditions:. | App shall display device interpretation. |  |  |
|  | 1. When R5>100 ; R19>100 ; X5 >100; R5-R19>100 | App shall display below statements and image:   * Larger Airway Obstruction : (Pre Avg R19/Cutoff R19 )\*10 * Smaller Airway Obstruction: (Pre Avg (R5-R19)/Cut-off (R5-R19))\*100 * Lung Elasticity : (Pre Avg X5/Cutoff X5)\*100 |  |  |
|  | 1. R5>100 ; R19>100 ; X5 >100; R5-R19<100 | App shall display below statements and image:   * Larger Airway Obstruction : (Pre Avg R19/Cutoff R19 )\*100 * Lung Elasticity : (Pre Avg X5/Cutoff X5)\*100 |  |  |
|  | 1. R5>100 ; R19<100 ; X5 >100; R5-R19>100 | App shall display below statements and image:   * Smaller Airway Obstruction : (Pre Avg (R5-R19)/Cut-off (R5-R19))\*100 * Lung Elasticity : (Pre Avg X5/Cutoff X5)\*100 |  |  |
|  | 1. R5<100 ; R19>100 ; X5 >100; R5-R19<100 | App shall display below statements and image :   * Larger Airway Obstruction : (Pre Avg R19/Cutoff R19 )\*10 * Lung Elasticity : (Pre Avg X5/Cutoff X5)\*100 |  |  |
|  | 1. R5<100 ; R19<100 ; X5 >100; R5-R19 <100 | App shall display below statements and image:   * Lung Elasticity : (Pre Avg X5/Cutoff X5)\*100 |  |  |
|  | 1. R5<100 ; R19<100 ; X5 >100; R5-R19 >100 | App shall display below statements and image:   * Larger airway obstruction: (Pre Avg R19/Cutoff R19 )\*100 |  |  |
|  | 1. R5>100 ; R19>100 ; X5 <100; R5-R19<100 | App shall display below statement:   * Larger airway obstruction : (Pre Avg R19/Cutoff R19 )\*100 |  |  |
|  | 1. R5>100 ; R19>100 ; X5 <100; R5-R19>100 | App shall display below statement and image:   * Larger Airway Obstruction : (Pre Avg R19/Cutoff R19 )\*10 * Smaller Airway Obstruction : (Pre Avg (R5-R19)/Cut-off (R5-R19))\*100 |  |  |
|  | 1. R5<100 ; R19>100 ; X5 <100; R5-R19<100 | App shall display below statement and image :   * Larger Airway Obstruction : (Pre Avg R19/Cutoff R19 )\*100 |  |  |
|  | 1. R5>100 ; R19<100 ; X5<100; R5-R19>100 | App shall display below statement and image :   * Smaller Airway Obstruction : (Pre Avg (R5-R19)/Cut-off (R5-R19))\*100 |  |  |
|  | 1. R5<100 ; R19<100 ; X5 <100; R5-R19<100 | App shall display below statement and images :   * Normal |  |  |
|  | 1. R5<100 ; R19<100 ; X5 <100; R5-19>100 | App shall display below statement and images :   * Normal |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-235 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_340

Test Description: To verify reference statement in device interpretation:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT Device & Antlia Pro Desktop Application. | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1.Tests are conducted by selecting Multi/Mono frequency and post test type. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on “Patient information” | N/A, proceed to next step |  |  |
| #2 | Select particular patient and view the report for respective patient. | N/A, proceed to next step |  |  |
| #3 | Save the report as PDF | N/A, proceed to next step |  |  |
| #4 | Observe the reference statement in device interpretation section. | PDF report,  shall display below device interpretation reference statements:  \* (^) refers to Increment \* (n) refers to Normal \*(v) refers to Decrement \* A.I refers to Anomaly Index \* Interpretation is done w.r.t. cut off values  \* - ’octor's review comments required |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-236 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_341

Test Description: To Visually inspect database software used by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Architecture document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for database software used. | Architecture document shall contain, MYSQL 5.0.X or above and SQL LITE software is used to build database. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-274 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_342

Test Description: To verify architecture document provides SQL data table definitions defined for Antlia.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Architecture document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for database tables defined for Antlia. | Architecture document shall provide SQL database table definitions defined for Antlia. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-275 |
| AP-SRS-316 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_343

Test Description: To verify data types in local DB (SQLite).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. SQLite database is installed in PC.  2. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open Antlia Pro app local DB through DB drowser. | N/A, proceed to next step |  |  |
| #2 | Select particular table. Ex: Staff. | N/A, proceed to next step |  |  |
| #3 | Observe data types in the table. | Local DB (SQLite) shall be stored integer, float, Varchar, long text and date data types. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-276 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_344

Test Description: To verify user can retrieve stored information from the application.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. SQLite database is installed in PC.  2. Antlia Pro app is installed in PC.  3. Patients are created, and test is conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #2 | Click on Execute SQL tab. | N/A, proceed to next step |  |  |
| #3 | write SQL query to retrieve stored info.  select \* from staff; | N/A, proceed to next step |  |  |
| #4 | Click on Run button. | N/A, proceed to next step |  |  |
| #5 | Observe the console for information. | Shall display stored information of staff. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-277 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_345

Test Description: To verify local DB can store patient test data and report when network is not available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. SQLite database is installed in PC.  2. Antlia Pro app is installed in PC.  3. Patients are created, and test is conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Turn off WIFI in PC. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Click on Browse data tab. | N/A, proceed to next step |  |  |
| #4 | Select report table/ raw data table. | N/A, proceed to next step |  |  |
| #5 | Observe the information in table. | Patient test reports and data shall be stored in local DB. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-278 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_345a

Test Description: To verify local DB can store patient test data and report when network is available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. SQLite database is installed in PC.  2. Antlia Pro app is installed in PC.  3. Patients are created and test is conducted. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Turn on WIFI in PC. | N/A, proceed to next step |  |  |
| #2 | Repeat the case TC\_AP\_SRS\_005  From 2 to 4 steps. | Patient test reports and data shall be stored in local DB. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-278 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_346

Test Description: To Visually inspect staff data attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture documents are available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for staff data attributes. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select staff table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in staff data table. | Staff data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-279 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_347

Test Description: Visually inspect hospital data attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for hospital data attributes. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select hospital table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in hospital data table. | Hospital data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-280 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_348

Test Description: Visually inspect patient data attributes by referring architecture document.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for device data attributes. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select patients table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in patient’s data table. | Patients data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-281 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_349

Test Description: Visually inspect mono data attributes by referring architecture document.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for mono data attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select mono table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in mono data table. | Mono data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-282 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_350

Test Description: Visually inspect Raw data attributes by referring architecture document.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for raw data attributes. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select raw table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in raw data table. | Raw data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-283 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_351

Test Description: Visually inspect Report data attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for report data attributes. | N/A, proceed to next step |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select report table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in report data table. | Report data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-284 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_352

Test Description: Visually inspect multi data attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for multi data attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select multi table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in multi data table. | Multi data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-285 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_353

Test Description: Visually inspect Patient data attributes by referring architecture document.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for Patient data attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select Patient data table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in patient data table. | Patient data attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-286 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_354

Test Description: Visually inspect App attributes by referring architecture document.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for App attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select app table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in app table. | App attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-287 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_355

Test Description: Visually inspect Calibration attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for Calibration attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select Calibration table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in app table. | Calibration attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-288 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_356

Test Description: Visually inspect Credentials attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for Credentials attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select Credentials table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in Credentials table. | App Credentails in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-289 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_357

Test Description: Visually inspect Doctor Details attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for Doctor Detail attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select Doctor Detail table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in Doctor Details table. | Doctor Details attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-290 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_358

Test Description: Visually inspect Threshold attributes by referring architecture document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Architecture document is available.  2. SQLite database is installed in PC.  3. Antlia Pro app is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for Threshold attributes. | N/A, proceed to next step. |  |  |
| #2 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #3 | Select Threshold table. | N/A, proceed to next step |  |  |
| #4 | Observe attributes in Threshold table. | Threshold attributes in database shall be as per architecture document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-291 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_359

Test Description: To verify broncho dilator time feature for Post-test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Post test | Posttest should be selected |  |  |
| #2 | Enter Posttest conduction time on bronchodilator time field | Entered Bronchodilator time should be displayed |  |  |
| #3 | Selct Multi/Mono and perform the test | Mode should be selected, and test should be completed without any error |  |  |
| #4 | Svae the test trails and PDF file | PDF report should be displayed and Saved |  |  |
| #5 | Verify the PDF report | Entered Bronchodilator time should be displayed on PDF report |  |  |
| #6 | Go to View report screen and Verifiy the report | View report screen should be displayed and Bronchodilator time should be displayed on report |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-292 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_360

Test Description: To verify timer indication for Multi and Mono mode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre/Post test | Pre/Posttest should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Mode should be selected, and test should be completed without any error |  |  |
| #4 | Verifiy the displayed test completion percetage | App shall stop the test when percentage reaches to 100% |  |  |
| #5 | Repeat the step for Mono 5Hz, 7 Hz and 19 Hz frequncy mode | App shall stop the test when percentage reaches to 100% |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-293 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_361

Test Description: To verify consistency of R5-R19 parameter on Multi and Mono mode

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen  3 Reference impedance is connected to the FOT device. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Select Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Observe the displayed R5-R20 paramater | Displayed R5-R19 parameter should be in consistency for all the trails |  |  |
| #6 | Repeat the test for Post mode. | Displayed R5-R19 parameter should be in consistency for all the trails |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-294 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_362

Test Description: To verify area of X (AX) parameter for Normal patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Observe the displayed area of X (AX). | Displayed area of X(AX) parameter should be in consistency for all the trails |  |  |
| #6 | Observe the displayed value for Normal patient | For normal patient displayed value should be <0.4 kPa/ L/sec |  |  |
| #7 | Repeat the test for Post. | Displayed area of X(AX) parameter should be in consistency for all the trails |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-295 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_363

Test Description: To verify display of R5 COV and Z5 COV

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Observe the displayed R5 COV and Z5 COV value | Average R5 COV and Z5 COV value should be displayed |  |  |
| #6 | Repeat the test for Post test. | Average R5 COV and Z5 COV value should be displayed |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-296 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_364

Test Description: To verify display of R5 COV and Z5 COV

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform 2 test trails | 2 test trails are conducted |  |  |
| #5 | Observe the COV Value for both R5 and Z5 | App shall not display COV value when less than 3 acts conducted. |  |  |
| #6 | Perform one more test trail(Act should be more than 3) | App shall display the COV value for both R5 and Z5 |  |  |
| #7 | Repeat the test for Post test. | Average R5 COV and Z5 COV value should be displayed |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-296 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_365

Test Description: To verify display of R5 COV and Z5 COV

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the 3 test trails | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #5 | Observe the displayed R5 COV and Z5 COV value | Average R5 COV and Z5 COV value should be displayed |  |  |
| #6 | Verify the COV value using below formula :  COV (Coefficient of Variation) = (Standard deviation/Avg)\*100 | Calculated COV shall match the COV displayed in application. |  |  |
| #7 | Repeat the test for Post test. | Average R5 COV and Z5 COV value should be displayed and it shall match with calculated COV |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-296 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_366

Test Description: To verify display of COV value for Adult and Children

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Observe the displayed R5 COV and Z5 COV value for Adult patient | For adult patient displayed Cov value should be less than 10% |  |  |
| #6 | Observe the displayed R7 COV and Z7 COV value for children | For children displayed Cov value should be less than 15% |  |  |
| #7 | Repeat the test for Post mode. | For adult patient displayed Cov value should be less than 10% and for children 15% |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-297 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_367

Test Description: To verify anonymize feature for patient information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Go to home screen and select Patient Info icon | Patient info icon should be selected |  |  |
| #6 | Click on View report icon | View report icon should be selected |  |  |
| #7 | Click on “Check Annonymise” option and Save report | Anonymize option should be selected, and report should be saved |  |  |
| #8 | Open PDF report and verify the patient information | At least Following patient information should be anonymized  Patient id, Patient Name, Age, DOB, Email id, Phone no, Gender |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-298 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_368

Test Description: To verify display of coherence value.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #3 | Select Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #4 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #5 | Veirify displayed Coherance vale | Coherence value should be displayed for 5Hz and 19Hz |  |  |
| #6 | Repeat the test for Post test and Mone mode | Coherence value should be displayed for 5Hz and 19Hz |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-299 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_369

Test Description: To verify coherence value range for Normal patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1 Antlia Pro app is installed in PC.  2 App is in Conduct test screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre test | Pre-test should be selected |  |  |
| #2 | Selct Multi mode and perform the test | Multi-Mode should be selected, and test should be completed without any error |  |  |
| #3 | Perform maximum test trials | Maximum acts should be conducted without any error |  |  |
| #4 | Save the conducted test | Trials should be saved successfully |  |  |
| #5 | Veirify displayed Coherance vale | Coherence value should be between 0.8 to 0.99 |  |  |
| #6 | Repeat the test for Post test and Mone mode | Coherence value should be between 0.8 to 0.99 |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-300 |

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| Tester Name(s) | Signature | Date |
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# Antlia Non-Functional Requirements.

## TC\_AP\_SRS\_370

Test Description: To verify connected APP device details in app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | PFT device and PC are powered up. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A, proceed to next step |  |  |
| #2 | Click on "Connect" icon in home screen. | N/A, proceed to next step |  |  |
| #3 | Click on “About “ option from navigation bar. | N/A, proceed to next step |  |  |
| #4 | Observe connected device details. | App shall display connected Antlia Pro device details. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-301 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_371

Test Description: To verify minimize option for Antlia Pro desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro app. | N/A, proceed to next step |  |  |
| #2 | Click on Top-Right corner of minimize option. | N/A, proceed to next step |  |  |
| #3 | Observe the screen. | App window shall be minimized. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-303 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_372

Test Description: To verify maximize option for Antlia Pro desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch the Antlia Pro app. | N/A, proceed to next step |  |  |
| #2 | Click on Top-Right corner of maximize option. | N/A, proceed to next step |  |  |
| #3 | Observe the screen. | App window shall be maximized and shall fit to screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-303 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_373

Test Description: To verify system screen resolution for Antlia Pro desktop app.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right Click on the desktop. | N/A, proceed to next step |  |  |
| #2 | Click on display settings | N/A, proceed to next step |  |  |
| #3 | Check system screen resolution under resolution dropdown. | N/A, proceed to next step |  |  |
| #4 | Launch the Antlia Pro app. | N/A, proceed to next step |  |  |
| #5 | Register patient and Conduct the test trail | N/A, proceed to next step |  |  |
| #6 | Observe the app behaviour. | App screen resolution shall be minimum 1280X900(wide or normal).  . Test shall be successful when it sets to 1280X900 screen resolution. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-304 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_374

Test Description: To verify display color of APP.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro Desktop app is installed successfully in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on display settings | N/A, proceed to next step |  |  |
| #2 | Click on advanced display settings | N/A, proceed to next step |  |  |
| #2 | Click on display adapter properties. | N/A, proceed to next step |  |  |
| #3 | Click on List all modules. | N/A, proceed to next step |  |  |
| #4 | Select 1280X900 True color 32-bit, 60 hertz option. | N/A, proceed to next step |  |  |
| #5 | Click on ok. | N/A, proceed to next step |  |  |
| #6 | Launch the AP app. | N/A, proceed to next step |  |  |
| #7 | Observe the app behaviour. | App display color shall be minimum 24/32 bit color. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-305 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_375

Test Description: To verify app launch duration.

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| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop app is installed successfully in PC and connected via USB.  2. Antlia Pro app icon is displayed on desktop.  3. External video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Simultaneously double click on desktop app icon and start external video recorder. | N/A, proceed to next step |  |  |
| #2 | As soon as app displays splash screen, turn off video recorder. | N/A, proceed to next step |  |  |
| #3 | Record the duration of launching of app by referring recorded video. | App shall launch within 2 seconds upon click on app icon. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-307 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_376

Test Description: To verify screen switching delay in Antlia Pro Desktop app

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. AP app is installed successfully in PC.  2. App is in home screen.  3. External video recorder is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Click on any options provided in Navigation bar and simultaneously switch on external video recorder. | N/A, proceed to next step |  |  |
| #2 | As soon as particular screen is displayed turn off video recorder. | N/A, proceed to next step |  |  |
| #3 | Follow step 1 and 2 for all the screens in app. | N/A, proceed to next step |  |  |
| #4 | Record the duration by referring recorded video. | Screen shall switch within 2 seconds upon action initiated. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-309 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_377

Test Description: To verify the architecture document for software tool used to develop desktop application.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software code is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer architecture document for software tool used. | Architecture document provides software used to develop desktop application is Java. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-310 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_378

Test Description: To verify software code.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software detail design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open software code. | N/A, proceed to next step |  |  |
| #2 | Ensure code starts with "Java" library. | Software code shall starts with "Java" library. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-310 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_379

Test Description: To visually inspect design document for application used to generate PDF report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software detail design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer design document for application used to generate PDF report. | Design document shall contain, iText PDF library is used to generate PDF report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-311 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_380

Test Description: To visually inspect, build tool used for building java applications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software detail design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer design document for build tool used. | Design document shall contain, Maven/ Gradle shall be used to build java application. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-312 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_381

Test Description: To visually inspect, application used for code analysis by referring design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software detail design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer design document for application used to analyse the code. | Design document shall contain, SonarQube is used for code analysis. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-313 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_382

Test Description: To visually inspect, application used for database management by referring design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Software Architecture document is available.  (Doc. #: XXXXX)  2. Software detail design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer design document for application used for database management. | Design document shall contain, Application shall use MYSQL for database management. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-314 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_383

Test Description: To verify USB protocol communication is maintained between Antlia PC application and PFT device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are switched ON and connected Via USB cable.  2.Frequency is selected.  3.Patient is registered in Antlia Pro App and App is in conduct test screen.  4. Patient/Simulator is ready for test trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select Pre-test or Post-test option in conduct test screen. | N/A, proceed to next step |  |  |
| #2 | Click on "start" button in "conduct test" screen. | N/A, proceed to next step |  |  |
| #3 | Instruct patient to breathe. | N/A, proceed to next step |  |  |
| #4 | Click on "capture" button. | N/A, proceed to next step |  |  |
| #5 | Observe the graph on app screen. | Antlia Pro PC app shall communicate with PFT device through USB protocol and graph displays on app screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-315 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_384

Test Description: To verify PC memory required for app installation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro desktop app .exe file is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right click on PC desktop App icon. | N/A, proceed to next step |  |  |
| #2 | Go to properties. | N/A, proceed to next step |  |  |
| #3 | Click on Details. | N/A, proceed to next step |  |  |
| #4 | Observe the RAM size of the App and ensure 8 GB RAM is available. | N/A, proceed to next step |  |  |
| #5 | Install the Antlia Pro desktop app in PC. | App shall e installed successfully. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-333 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_384a

Test Description: To verify app installation when memory space is less than 8 GB.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia Pro desktop app .exe file is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Right click on PC desktop App icon. | N/A, proceed to next step |  |  |
| #2 | Go to properties. | N/A, proceed to next step |  |  |
| #3 | Click on Details. | N/A, proceed to next step |  |  |
| #4 | Observe the RAM size of the App and ensure it is less than 8 RAM. | N/A, proceed to next step |  |  |
| #5 | Install the Antlia Pro desktop app in PC and observe the error message. | App shall allow to install application |  |  |
| #6 | Verify the basic functionalities of the application. | Perforance issue shall be observed. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-333 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_385

Test Description: To verify documents folder space to store patient report in PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop Application is installed in PC.  2. All patients reports are stored in documents in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Go to documents in PC. | N/A, proceed to next step |  |  |
| #2 | Right click on documents and click on properties. | N/A, proceed to next step |  |  |
| #3 | Ensure 1GB free space is available in PC. | N/A, proceed to next step |  |  |
| #4 | Observe the memory occupied for patient reports. | PC shall have minimum 1 GB to store patient report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-334 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_386

Test Description: To verify app notifies user when error occurred.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are powered up and connected via USB cable.  2. App is in conduct test screen.  3. Patient/simulator is ready for test. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select "Pre-test" or "Post-test" radio button. | N/A, proceed to next step |  |  |
| #2 | Select desired frequency from device mode dropdown. | N/A, proceed to next step |  |  |
| #3 | Click on "Start" button in conduct test screen. | N/A, proceed to next step |  |  |
| #4 | As per IFU instruction, instruct patient to breathe.  OR  Setup simulator. | N/A, proceed to next step |  |  |
| #5 | Click on "Capture" button. | N/A, proceed to next step |  |  |
| #6 | Observe the graph plotting on screen. | N/A, proceed to next step |  |  |
| #7 | Remove USB cable from PC while patient is breathing. | N/A, proceed to next step |  |  |
| #8 | Observe the red indication on PFT device and system behaviour. | Red LED glows on device and data flow shall stop. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_386a

Test Description: To verify error pop-up message USB port is not detected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are powered up and connected via USB cable.  2. App is in conduct test screen.  3. Patient/simulator is ready for test. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Goto settings and select the COM port | N/A, proceed to next step |  |  |
| #2 | Connect the USB cable to other com port | N/A , proceed to next step |  |  |
| #3 | Observe the app behaviour. | App shall prompt a pop up message with error code "8" on app screen when USB COM port is not detected. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_387

Test Description: To verify error code when "Device resistance is above 10%.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB cable.  2. Hans Rudolph is available.  3. Patient is registered, and frequency is selected.  4. Threshold value is updated in settings screen.5. App is in verification screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Connect damaged Hans Rudolph to FOT device. | N/A, proceed to next step |  |  |
| #2 | Click on "start" button in verification screen. | N/A, proceed to next step |  |  |
| #3 | observe the impedance value | N/A, proceed to next step |  |  |
| #4 | Compare resistance value with threshold value. | If measured impedance is within the range, impedance value shall be diplayed in blabk clour.  If measured range goes out of updated thresold value, it shall be indicated in red. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-336 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_388

Test Description: To visually inspect user manual provides information on application usage.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia IFU document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect IFU instructions on application usage. | IFU shall provide instructions on application usage. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-337 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_389

Test Description: To verify Antlia Pro app firmware has CRC check for data integrity.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered ON.  2. AP communication protocol document is available.  3. Docklight tool v2.2 is available and installed on PC.  4. Antlia Pro Desktop Application is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open docklight tool. | N/A, proceed to next step |  |  |
| #2 | Click on Tools and select project settings. | N/A, proceed to next step |  |  |
| #3 | Select COM3 from Send/Receive dropdown. | N/A, proceed to next step |  |  |
| #4 | Select 115200 from Baud rate. | N/A, proceed to next step |  |  |
| #5 | Click on Ok. | N/A, proceed to next step |  |  |
| #6 | Refer protocol communication document and copy the sequence (03 03 02 F1 00 02 A2 95). | N/A, proceed to next step |  |  |
| #7 | Click on edit and select edit Send sequence list option. | N/A, proceed to next step |  |  |
| #8 | Enter name in Name text box. eg: test | N/A, proceed to next step |  |  |
| #9 | Paste copied sequence in Sequence text area. | N/A, proceed to next step |  |  |
| #10 | Click on apply and Ok. | N/A, proceed to next step |  |  |
| #11 | Click on send this sequence(-->) button. | N/A, proceed to next step |  |  |
| #12 | Observe the Tx and Rx sequence in Communication text area. | Tx and Rx sequence shall be displayed in Communication text area.  . Tx sequence shall display in green colour.  . Rx sequence shall display in red colour. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-338 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_390

Test Description: To verify AP app firmware has CRC check for data integrity by passing incorrect frames.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered ON.  2. AP communication protocol document is available.  3. Docklight tool v2.2 is available and installed on PC.  4. Antlia Pro Desktop Application is installed in PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open docklight tool. | N/A, proceed to next step |  |  |
| #2 | Click on Tools and select project settings. | N/A, proceed to next step |  |  |
| #3 | Select COM3 from Send/Receive dropdown. | N/A, proceed to next step |  |  |
| #4 | Select 115200 from Baud rate. | N/A, proceed to next step |  |  |
| #5 | Click on Ok. | N/A, proceed to next step |  |  |
| #6 | Refer protocol communication document and copy the sequence  Correct frame: (03 03 02 F1 00 02 A2 95).  Incorrect frame: (04 04 05 G1 88 96 A3 65) | N/A, proceed to next step |  |  |
| #7 | Click on edit and select edit Send sequence list option. | N/A, proceed to next step |  |  |
| #8 | Enter name in Name text box. eg: test | N/A, proceed to next step |  |  |
| #9 | Paste copied sequence in Sequence text area. | N/A, proceed to next step |  |  |
| #10 | Click on apply and Ok. | N/A, proceed to next step |  |  |
| #11 | Click on send this sequence(-->) button. | N/A, proceed to next step |  |  |
| #12 | Observe the Tx and Rx sequence in Communication text area. | Tx and Rx communication shall not provide between app and device. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| AP-SRS-338 |

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| Tester Name(s) | Signature | Date |
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## TC\_AP\_SRS\_391

Test Description: To verify all data files are stored in encrypted format in storage/rest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient data is captured and stored in local DB. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #2 | Click on Browse data tab. | N/A, proceed to next step |  |  |
| #3 | Select report table/ raw data table. | N/A, proceed to next step |  |  |
| #4 | Observe the data stored format. | All Data shall be stored in encrypted format. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-342 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_392

Test Description: To verify patient demographics are stored in encrypted format in storage/rest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Patient data is captured and stored in local DB. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open Antlia Pro app local DB through SQLite. | N/A, proceed to next step |  |  |
| #2 | Click on Browse data and select patients | N/A, proceed to next step |  |  |
| #3 | Select report table/ raw data table. | N/A, proceed to next step |  |  |
| #4 | Observe the patient demographics. | Patient demographics shall be in encrypted format. |  |  |
| #5 | Observe data table by selecting particular table from the list | All data shall be in de-identified or in encrypted format. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-339 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_393

Test Description: To verify separate patient demographics from the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | App should be in Add patient screen | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter all the mandatory details | N/A, proceed to next step |  |  |
| #2 | Click on save button | N/A, proceed to next step |  |  |
| #3 | Next day Select the same patient from the list click on edit | N/A, proceed to next step |  |  |
| #4 | Edit patients’ height and weight | N/A, proceed to next step |  |  |
| #5 | Click on save button | N/A, proceed to next step |  |  |
| #6 | In patient information screen select the same patient and click on view report | N/A, proceed to next step |  |  |
| #7 | Observe both days test reports | Edited details should be updated in next day’s test report |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-340 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_394

Test Description: To visually inspect IFU instructs user how to view patient data.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia IFU document is available.  (Doc. #: 5060602000). | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect IFU instructions are provided to view patient data. | IFU shall provide instructions to user for viewing patient data. |  | Pass |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-343 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_395

Test Description: To visually inspect IFU instructions to secure data on PC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia IFU document is available.  (Doc. #: 5060602000). | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect IFU instructs user to secure data on PC. | IFU shall provide instructions to user to secure data on PC. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-344 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_396

Test Description: To visually inspect IFU provides instructions for data sanitization.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia IFU document is available.  (Doc. #: 5060602000).  2. Antlia service Manual is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visually inspect IFU instructions on data sanitization. | IFU shall provide instructions on data sanitization for safe dispose of patient data. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-345 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_397

Test Description: To verify desktop app is protected by password/PIN.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop Application is installed in PC.  2. Caregiver/Doctor credentials are created based roles. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A, proceed to next step |  |  |
| #2 | Observe app asks for username and password | App shall protected by password/PIN  - App shall ask for username and password to prevent unauthorized access to app. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-346 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_398

Test Description: To verify User manual includes or distributed with Product Security Control document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia IFU document is available.  (Doc. #: 5060602000).  2. Product Security Control Document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Ensure Product Security Control document is available. | Product Security Control document shall be available.  - User manual shall include Product Security Control document. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-347 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_399

Test Description: To verify risk management document is available for Security vulnerabilities.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Security test is performed prior release for Antlia. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer risk management document for security vulnerabilities | Risk management document shall be available with document number xxx and version number xxx. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-348 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_400

Test Description: To verify IFU describes data encryption by system.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia IFU document is available.  (Doc. #: 5060602000). | | | |
| ss#Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer and ensure IFU provides data encryption information by the system. | IFU shall have information on data encryption provided by the system. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-349 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_401

Test Description: To verify user access to ePHI data by referring IFU and design document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia IFU document is available.  (Doc. #: 5060602000).  2. Software design document is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer IFU/Design document information on protecting ePHI data from unauthorized users. | IFU/Design document shall provide information on protecting ePHI data from unauthorized users. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-350 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_402

Test Description: To verify PHI data is not accessed by unauthorized users.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Patients are registered and all reports are saved.  2. App is in login screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Enter invalid username and password | N/A, proceed to next step |  |  |
| #2 | Click on login button. | App shall not accept login credentials entered.  -Shall not display PHI data for unauthorized users. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-351 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_403

Test Description: To verify procedures for authorize and supervise employees who work with PHI (Logs).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Caregiver credentials are created.  2. Tests are conducted, and reports are saved in DB and PC. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Open Antlia Pro app storage location in PC. | N/A proceed to next step |  |  |
| #2 | Go to log folder and open log file. | N/A proceed to next step |  |  |
| #3 | Observe all log files for all activity logs. | Log file shall contain all activity logs for every login and for every activity they perform.  -Time and date shall be recorded in logs according to the activity performed. |  |  |
| #4 | Go to logs folder and delete particular log file. | Log file shall be deleted. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-352 |
| AP-SRS-353 |
| AP-SRS-341 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_404

Test Description: To verify control and validate user access to facilities based on their roles.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. Antlia Pro Desktop Application is installed in PC.  2. Admin credentials are created. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Launch Antlia Pro Desktop Application. | N/A, proceed to next step |  |  |
| #2 | Login with valid admin credentials. | N/A, proceed to next step |  |  |
| #3 | Observe app behaviour. | N/A, proceed to next step |  |  |
| #4 | Observe the home screen options provided for admin. | N/A, proceed to next step |  |  |
| #5 | Login with valid Technician credentials. | N/A, proceed to next step |  |  |
| #6 | Observe home screen options provided for staff. | - For admin "Cut Off", and “Firmware Upgrade” option shall be provided in admin home screen.  - For Doctor/Technician "Cut Off value" and “Firmware Upgrade” option shall not display on home screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-354 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_405

Test Description: To verify IFU information on safety, unauthorized access, tampering and theft for system.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | Antlia IFU document is available.  (Doc. #: 5060602000). | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Refer IFU information on safety, unauthorized access and tampering. | IFU shall provide information on safety, unauthorized access and tampering for system. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

|  |
| --- |
| AP-SRS-355 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_406

Test Description: To verify device allows three consecutive trials with breathing quality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are powered up and connected via USB cable.  2. Patient is registered, and App is in conduct test screen.  3. Patient/simulator is ready for give trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select frequency from device mode dropdown. | N/A, proceed to next step |  |  |
| #2 | Select pre-test or post-test radio button in conduct test screen. | N/A, proceed to next step |  |  |
| #3 | Click on "start" button in conduct test screen. | N/A, proceed to next step |  |  |
| #4 | As per IFU instruction, instruct patient to breathe. | N/A, proceed to next step |  |  |
| #5 | Click on "capture" button. | N/A, proceed to next step |  |  |
| #6 | Observe plotting of graph on screen. | N/A, proceed to next step |  |  |
| #7 | Click on "view report" button in PC application. | N/A, proceed to next step |  |  |
| #8 | Observe the generated report. | N/A, proceed to next step |  |  |
| #9 | Click on "Test Again" button and continue trial for same patient. | N/A, proceed to next step |  |  |
| #10 | Repeat step 1 to 8 for 2 times. | * App shall display breathing quality good i.e., coherence@5 value shall be above 0.90 in three consecutive trials. * COV shall be less than 10%(Adult) and 15% for pideatric |  |  |
| #11 | Save the report. | N/A, proceed to next step |  |  |
| #12 | Go to local storage and open PDF reports. | N/A, proceed to next step |  |  |
| #13 | Compare same patient data is reflected in PDF report. | App shall display same results in PDF report and in view report. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-358 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_407

Test Description: To verify reinstallation instructions provided in service manual

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered up.  2. Previous version of Antlia Pro app is installed in PC.  3. Service manual document is available.  4. New version of Antlia Pro app is available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Uninstall old version of app | N/A, proceed to next step |  |  |
| #2 | Refer service manual document and follow installation instructions. | N/A, proceed to next step |  |  |
| #3 | Install new version of Antlia Pro app in PC. | N/A, proceed to next step |  |  |
| #4 | Ensure user can login, take test trials using new version of app. | Service manual shall provide re-installation instructions to user. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-360 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_408

Test Description: To verify system can recovery when database failures.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are powered up and connected via USB cable.  2. Patient is registered, and App is in conduct test screen.  3. Patient/simulator is ready for give trial. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select frequency from device mode dropdown. | N/A, proceed to next step |  |  |
| #2 | Select pre-test or post-test radio button in conduct test screen. | N/A, proceed to next step |  |  |
| #3 | Click on "start" button in conduct test screen. | N/A, proceed to next step |  |  |
| #4 | As per IFU instruction, instruct patient to breathe. | N/A, proceed to next step |  |  |
| #5 | Click on "capture" button. | N/A, proceed to next step |  |  |
| #6 | Observe plotting of graph on screen. | N/A, proceed to next step |  |  |
| #7 | Go to App storage location and select app folder. | N/A, proceed to next step |  |  |
| #8 | Open antlia\_local DB folder and observe test conducted data. | Data shall be stored in DB. |  |  |
| #9 | Again conduct test and during test power off the system. | N/A, proceed to next step |  |  |
| #10 | Power on the system, go to DB folder and observe previously conducted data. | Previously conducted data shall display in DB folder. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-356 |

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| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_409

Test Description: To verify the application shall display the volume and mouth pressure of the entire test at the end of the test.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered up. 2. Patient is registered, and App is in conduct test screen. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Select the test type and frequency mode | N/A, proceed to next step |  |  |
| #2 | Click on start button and start breathing | N/A, proceed to next step |  |  |
| #3 | When app enables capture button click on capture button and observe the application behaviour | After completion of test Volume and mouth pressure graph should display |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-194 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

# Firmware Upgrade

## TC\_AP\_SRS\_410

Test Description: App shall provide firmware upgrade option.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered up. 2. App is in admin mode. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visivually observe Firmware upgrade option in admin mode | App shall provide firmware upgrade option in Antlia Pro admin screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-361 |
| AP-SRS-362 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_411

Test Description: To verify that only admin shall be able to perform firmware upgrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered up. 2. App is in user/doctor/technician window | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Visivually observe Firmware upgrade option in admin mode | App shall not provide firmware upgrade option in Antlia Pro user screen. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-362 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

## TC\_AP\_SRS\_412

Test Description: To verify app allows to perform firmware upgrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling Size | 1 | | | |
| Test Item(s) | PFT device and Antlia Pro Desktop Application | | | |
| Test Environment | See Appendix | | | |
| Initial Conditions | 1. PFT device and PC are connected via USB and powered up. 2. App is in admin window 3. WI for software installation document shall be available. | | | |
| #Step ID | Action/ Description | Expected Result | Actual Result | Pass /Fail |
| #1 | Upgrade firmware version by referring to WI for software installation procedure document. | App shall allow to upgrade firmware version. |  |  |
| Acceptance Criteria/ Overall Pass/ Fail |  | | | |
| Remarks |  | | | |

Upstream Relationships:

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| --- |
| AP-SRS-363 |
| AP-SRS-364 |

|  |  |  |
| --- | --- | --- |
| Tester Name(s) | Signature | Date |
|  |  |  |

# Definitions and Abbreviations

|  |  |
| --- | --- |
| **Acronym** | **Meaning** |
| DRS | Design Requirements Specification |
| DVP | Design Verification Plan |
| OS | Operating Systems |
| PFT | Pulmonary Function Test |
| RMF | Risk Management File |
| SRS | System Requirements Specification |

# Appendix – Description of product tested

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | Description of Product Tested: | | | | | Product | Revision | S/N | Production Device or PED? | |  |  |  |  | | Equipment/Tools Used | | | | | Equipment/Tool Identifier | Revision (or N/A if not applicable) | Operating System Software (or N/A if not applicable) | S/N of Computer Hardware (or N/A if not applicable) | |  |  |  |  | |  |  |  |  | |  |  |  |  |  Approval |  |  |
| |  |  |  | | --- | --- | --- | | Results Approver Name | Signature | Date | |  |  |  | |  |  |
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