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| ID | 1 | Description: | **Image Search**: Searching 3 Images from checking if |
| Test type | Quantity/Quality | Success Criteria: | Images displayed are equal to the selected images |
| Number of Attempts: | 3 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the Deliverable 4-Test-Search folders located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Contact Software Developer and redo the Image Selection code. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successful | | |
| Date | 29/03/20 | | |

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| ID | 2 | Description: | **Linked List Test**: Add selected images to a Linked list and check the number to confirm in the list to confirm it’s the same as the number of selected images. |
| Test type | Quantity/Quality | Success Criteria: | Number of linked items equal to number of chosen images/integers |
| Number of Attempts: | 3 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the Deliverable 4-Test-LinkedList folders located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Notify Software developer and redo the Linked list. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Sucessfull | | |
| Date | 29/03/20 | | |

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| ID | 3 | Description: | **Sort By Ascending name**: Sort selected three images by name in ascending order. |
| Test type | Quantity/Quality | Success Criteria: | New sort equal to ascending order |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Notify Software developer and redo the Ascending name Sort. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result |  | | |
| Date | 29/03/20 | | |

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| ID | 4 | Description: | **Sort By Descending name**: Sort selected three images by name in Descending order. |
| Test type | Quantity/Quality | Success Criteria: | New sort equal to Descending name order |
| Number of Attempts: | 5m | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Notify Software developer and redo the Descending name Sort. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 5 | Description: | **Sort By Ascending date**: Sort selected three images by date in Ascending order. |
| Test type | Quantity/Quality | Success Criteria: | New sort equal to Ascending date order |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Notify Software developer and redo the Ascending date Sort. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 6 | Description: | **Sort by Descending date**: Sort selected three images by date in Descending order. |
| Test type | Quantity/Quality | Success Criteria: | New sort equal to Descending date order |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Notify Software developer and redo the Descending date Sort. | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 7 | Description: | **Class Selection**:  Store a text as a variable  Add stored test to the list view  Check if Class added to list view is equal to the selected class |
| Test type | Quantity/Quality | Success Criteria: | If class added to List view is equal to the selected class |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Contact the software tester and redo the class selection | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 8 | Description: | **Class sort by Ascending**:  Sort a list of class texts in ascending order |
| Test type | Quantity/Quality | Success Criteria: | If class added to List view is equal to the selected class |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Contact the software tester and redo the class ascending function | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 9 | Description: | **Class sort by Descending**:  Sort a list of class texts in descending order |
| Test type | Quantity/Quality | Success Criteria: | If class added to List view is equal to the selected class |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Contact the software tester and redo the class descending function | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 10 | Description: | **Class remove**:  Remove Class |
| Test type | Quantity/Quality | Success Criteria: | If class added to List view is equal to the selected class |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Contact the software tester and redo the class removal | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 11 | Description: | **Quadrilaterous Annotation**:  Click on Triangle button  Check if shape showed on the scene is equal to the square. |
| Test type | Quantity/Quality | Success Criteria: | If shape shown on scene is equal to the selected shape |
| Number of Attempts: |  | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and do redo the Quadrilaterous annotation | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 12 | Description: | **Triangle Annotation**:  Click on triangle button  Check if shape showed on the scene is equal to the triangle. |
| Test type | Quantity/Quality | Success Criteria: | If shape shown on scene is equal to the selected shape |
| Number of Attempts: |  | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and do redo the triangle annotation | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 13 | Description: | **Pentagon Annotation**:  Click on Pentagon button  Check if shape showed on the scene is equal to the Pentagon. |
| Test type | Quantity/Quality | Success Criteria: | If shape shown on scene is equal to the selected shape |
| Number of Attempts: |  | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and do redo the pentagon annotation | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 14 | Description: | **Octagon Annotation**:  Click on Octagon button  Check if shape showed on the scene is equal to the Pentagon. |
| Test type | Quantity/Quality | Success Criteria: | If shape shown on scene is equal to the selected shape |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and do redo the pentagon annotation | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 15 | Description: | **Annotation** file open and load: Load and open of previously saved annotation file |
| Test type | Quantity/Quality | Success Criteria: | If opened annotation file is same as saved |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the annotation file open and load | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 16 | Description: | **Annotation** save: Save annotation of image including shape position used to annotate |
| Test type | Quantity/Quality | Success Criteria: | If saved annotation is equal to the made annotation |
| Number of Attempts: | 5 | Comments: | Sucessfull |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the annotation file save | | |
| Engineer(s)Technicians | Alceu Caterça, Sami Ljimari, Jay Alagoa and Lovro Krapic | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 17 | Description: | Annotation File name change: Change name of previously annotated file |
| Test type | Quantity/Quality | Success Criteria: | If new name of annotation file same as the name expected |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the annotation file name change. | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 18 | Description: | **Shape Increase**:  Increase number of the edges of the shape  Check if increased number is bigger than the original |
| Test type | Quantity/Quality | Success Criteria: | If increase number is greater than original number |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and add the shape increase | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 19 | Description: | **Vertices Move;**  Rotate the vertices of shapes |
| Test type | Quantity/Quality | Success Criteria: | If rotated number is equal to the coordinates of the new annotation. |
| Number of Attempts: | 0 | Comments: | Fail |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and add the vertices rotation | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | UnSuccessfull | | |
| Date | 29/03/20 | | |

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| ID | 20 | Description: | **Shape Deletion: Delete annotated shape** |
| Test type | Quantity/Quality | Success Criteria: | If original annotation shape is no longer on the image. |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the shape deletion function | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | successfull | | |
| Date | 29/03/20 | | |

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| ID | 21 | Description: | **Shape** Copy and Paste: Copy latest shape and paste it onto the image |
| Test type | Quantity/Quality | Success Criteria: | If original annotation shape is no longer on the image. |
| Number of Attempts: | 5 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the copy and paste function | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 22 | Description: | Class Visualization: Visualize the name of the class on top of the shape |
| Test type | Quantity/Quality | Success Criteria: | If the name of the class is visible |
| Number of Attempts: | 5 | Comments: | success |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the class visualization | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Successfull | | |
| Date | 29/03/20 | | |

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| ID | 23 | Description: | Annotation Save. Save the annotations every minute. |
| Test type | Quantity/Quality | Success Criteria: | If the file is saved after every minute |
| Number of Attempts: | 5 | Comments: | fail |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/Deliverable 4  Widget toolkit: QT 4.11.1 | | |
| Setup Instructions | Open the QT version 4.11.1  On the file tab (located on the upper left of qt) click open file or project  Locate the SDI file  Open the GUI folder located in the SDI file  Open all files inside simultaneously onto QT | | |
| Failure correction Procedure | Alert the software developer and redo the every minute save feature | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| Result | Unsuccessfull | | |
| Date | 29/03/20 | | |

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| ID |  | Description: | Triangle Selection: |
| Test type | Quantity/Quality | Success Criteria: |  |
| Number of Attempts: |  | Comments: |  |
| List of Equipment/Requirements |  | | |
| Setup Instructions |  | | |
| Failure correction Procedure |  | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |
| ID |  | Description: | Triangle Selection: |
| Test type | Quantity/Quality | Success Criteria: |  |
| Number of Attempts: |  | Comments: |  |
| List of Equipment/Requirements |  | | |
| Setup Instructions |  | | |
| Failure correction Procedure |  | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |