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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: | 1 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/GUI/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 Software Developer and redo the Image Selection code. | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |

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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 |
| Number of Attempts: | 1 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/GUI/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 Linked list. | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |

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| ID | 4 | 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: | 1 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/GUI/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 | | |
| Individual Results |  | | |

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| ID | 7 | Description: | **Rectangle Annotation**:  Click on rectangle 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/GUI/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 rectangle annotation | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |

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| ID | 11 | Description: | **Shape Increase**:  Increase number of shapes  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: | 1 | Comments: | Successful |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/GUI/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 |  | | |

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| ID |  | Description: | **Triangle Selection**: |
| Test type | Quantity/Quality | Success Criteria: |  |
| Number of Attempts: |  | Comments: |  |
| List of Equipment/Requirements | Laptop: Lenovo Legion Y5  Operating System: Windows  File Directory: SDI/GUI and SDI/GUI/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 |  | | |
| Engineer(s)Technicians | Alceu Caterça | | |
| Individual Results |  | | |

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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 |  | | |