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| User Interface Testing | | | | | | | | | |
| **Project Name:** | | | Assessment Task Three | | | | | | |
| **Type of Test:** | | | Error trapping and user message testing | | | | | | |
| **Version No:** | | | 1.0 | **Client Name:** | | Active System Pty | | | |
| **Description:** | | | Testing of the Rego Plate Manager application | | | | | | |
| **Date:** | | | 22/11/2021 | | | | | | |
| **Developer:** | | Kyle Watson | | | **Tester:** | | Kyle Watson | | |
| Test Case No | Test Case Name | | Test steps | | | Test Data | | Expected result | Pass / Fail |
| 1 | Open file | | Load data from an existing txt file | | | .txt file | | Data in .txt file loaded into the display | Pass |
| 2 | Enter null | | Click the enter button. | | | Null/empty | | Error message displayed in the status strip | Pass |
| 3 | Enter data | | Type data into text box and click the enter button | | | 1ASP-888 | | Data added to list box & status strip updated | Pass |
| 4 | Enter duplicate | | Type data into text box click and click the enter button. Repeat twice | | | 1ASP-888 | | Error message displayed in the status strip |  |
| 5 | Select delete | | Add data to the list box, select it & click the delete button | | | 1ASP-888 | | Data removed from list box & status strip updated | Pass |
| 6 | Delete empty | | Click the delete button | | | N/A | | Error message displayed in the status strip | Pass |
| 7 | Delete null | | Add data to the list box and click the delete button | | | 1ASP888 | | Error message displayed in the status strip | Pass |
| 8 | Text box delete | | Add data to the list box, type the same data into the text & click the delete button | | | Data typed into text box | | Data removed from list box & status strip updated | Pass |
| 9 | Double click delete yes | | Add data to the list box, double click the data, select yes on the dialogue box. | | | 1ASP-888 | | Dialogue box confirming delete pops up, data removed from list & status strip updated | Pass |
| 10 | Double click delete no | | Add data to the list box, double click the data, select no on the dialogue box | | | 1ASP888 | | No change | Pass |
| 11 | Edit selection | | Select data from the list box, change it and click the edit button | | | 1ASP-888 -> 1ASP-555 | | Data changed to 1ASP-555 & status strip updated | Pass |
| 12 | Edit null | | Add data to the list box and then click the edit button | | | Null | | Error message displayed in the status strip | Fail |
| 13 | Edit empty | | Click the edit button | | | N/A | | Error message displayed in the status strip | Pass |
| 14 | Edit duplicate | | Add 2 data items to list box, select 1 data item & attempt to change it to the other | | | 1ASP-555 & 1ASP-888 | | Error message displayed in the status strip | Pass |
| 15 | Edit to null | | Add data item to the list box, select the item, delete the data from the text box and click the edit button | | | 1ASP-888 -> “ ” | | Error message displayed in the status strip | Fail |
| 16 | Tag selection | | Select item from the list box and click the tag button | | | 1ASP-888 | | Rego plate changed to ZASP-888 & status strip updated | Pass |
| 17 | Un-tag | | Select tagged item from the list box and click the tag button | | | ZASP-888 | | Rego plate changed to ASP-888 & status strip updated | Pass |
| 18 | Tag null | | Add data to the list box and click the tag button | | | Null | | Error message displayed in the status strip | Pass |
| 19 | Tag empty | | Click the tag button | | | N/A | | Error message displayed in the status strip | Fail |
| 20 | Linear search | | Enter 3 data items into the list box, type the 2nd item into the text box and click the linear search button | | | 1ASP-111  1ASP-222  1ASP-333 | | Message box displays ‘item found’ and status strip displays the index it was found at | Pass |
| 21 | Linear search null | | Enter 3 data items into the list box and click the linear search button | | | N/A | | Message box displays ‘item not found’ | Pass |
| 22 | Linear search non-existent | | Enter 3 data items into the list box, type the 2nd item into the text box and click the linear search button | | | 1ASP-111  1ASP-222  1ASP-333 | | Message box displays ‘item not found’ | Pass |
| 23 | Linear search empty | | Click the linear search button | | | N/A | | Error message displayed in the status strip | Pass |
| 24 | Binary search | | Enter 3 data items into the list box, type the 2nd item into the text box and click the binary search button | | | 1ASP-111  1ASP-222  1ASP-333 | | Message box displays ‘item found’ and status strip displays the index it was found at | Pass |
| 25 | Binary search null | | Enter 3 data items into the list box and click the linear search button | | | N/A | | Message box displays ‘item not found’ | Pass |
| 26 | Binary search non-existent | | Enter 3 data items into the list box, type a non-existent data item into the text box and click the binary search button | | | 1ASP-111  1ASP-222  1ASP-333 | | Message box displays ‘item not found’ | Pass |
| 27 | Binary search empty | | Click the binary search button | | | N/A | | Error message displayed in the status strip | Pass |
| 28 | Reset | | Add data to the list box and text box before clicking the reset button | | | 1ASP-888 | | All data fields cleared & status strip updated | Pass |
| 29 | Reset empty | | Click the reset button | | | N/A | | Status strip updated | Pass |
| 30 | Save empty | | Click the save button, save it as demo\_00.txt | | | N/A | | Status strip updated | Pass |
| 31 | Save | | Add data item to the list box, click the save button, save it as demo\_00.txt | | | 1ASP-888 | | Data item saved successfully and status strip updated | Pass |
| 32 | Close save | | Add data item to the list box, save the file as per the naming conventions of demo\_xx & close the application | | | 1ASP-888 | | Data item saved successfully to file with name incremented by 1 eg demo\_00 -> demo\_01 | Pass |