Practice SAC – Testing Table

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| --- | --- | --- | --- | --- |
| **Action** | **Expected Result** | **Actual Result** | **Pass/Fail** | **Remedy** |
| Print Preview Button | All inputted Values are correctly displayed on the print preview | No values are shown on the print preview | Fail | Changing “If data.Length = 5 Then” to “If data.Length = 4 Then” because there are only 4 values in the array therefor if it is = to 5 it doesn’t show as the program thinks it is incomplete |
| Save To Text File | Program Saves To Text File | Saves to CSV File | Fail | Change .CSV and CSV Files to .txt and Text files when called in the code |
| Print Preview Button | All inputted Values are correctly displayed on the print preview | All inputted Values are correctly displayed on the print preview | Pass | None Needed as it works |
| Save To Text File | Program Saves To Text File | Program Saves To Text File | Pass | None Needed as it works |
| Text Files Display | Saved Text file uses | instead of , | Text file uses commas (,) instead of | | Fail | Change the “,” in the add button function to “|” |
| Text Files Display | Saved Text file uses | instead of , | Text file uses | | Pass | None needed as it works |
| Search By Name Function | User can search by a name that has been added into the array | User can search by a name that has been added into the array | Pass | None needed as it works |
| SEARCH BY ABN/ACN | User can search by a ABN/ACN that has been added into the array | Returns No Records Found | Fail | Change the function to user the correct field instead of the field used to search names |
| SEARCH BY ABN/ACN | User can search by a ABN/ACN that has been added into the array | User can search by a ABN/ACN that has been added into the array | Pass | None needed as it works |

**Action**: Some action, event or input to the system that should provoke a response. Typically this uses a verb: “Click the select button”, “Select the third item from the drop down box”, “Focus a light on the light sensor”.

**Expected response**: This describes what the system *should* do in response to the action taken. It could start with the words “The system shall...”. An example might be “…display the words ‘HELLO WORLD’ in upper text box”. Be specific and definite.

**Actual response**: This describes what *actually* happened (or didn’t happen). Try to gather as much information as possible here. “The text ‘HELLO WOR’ was displayed and filled the whole text box”.

**Pass/fail**: If the actual result matches the expected result exactly, the test passes.

**Remedy**: If you can, describe what action needs to be taken to fix the problem. This is not always possible at the time of testing; however, can be added after the program has been fixed. e.g. ‘The size of the text box needs to be increased to accommodate longer sentences’.

Failed tests should be redone. A major change or redesign should cause all tests to be rerun as *regression* tests to ensure that no side-effects of a code change has affected other parts of the program.