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| Test form | Test description | Success Criteria | Success? |
| Account Creation | Are account details written to a file upon account creation? | Account details are written to a file. | Yes |
| Account Creation | Are blank program files created upon first account creation? | Empty text files created if the inventory file does not exist (if the inventory file does not exist, it is assumed that this is the first start up). | Yes |
| Account Creation | Is an image directory created upon first account creation? | A directory with the name “ImageDirectory” is created in the Debug folder. | Yes |
| Add to Inventory | Does the program open up the image directory folder? | Program opens the image directory folder so that images may be added. | Yes |
| Add to Inventory | Does the program open an explorer window of the image directory when the import images button is pressed? | Program opens the image directory in an explorer window. | Yes |
| Add to Inventory | Does the program open a file dialog when the tool image selection button is pressed? | Program opens a file dialog of the image directory. | Yes |
| Add to Inventory | Does the program insert the selected image into the local image box on the form? | Program inserts the image file selected in the file dialog into the image box. | Yes |
| Add to Inventory | Does the inserted image fit the image box? | Inserted image is not larger than the image box. | No |
| Add to Inventory | Can only image files be selected in the file dialog? | Only image files are available for selection in the file dialog. | Yes |
| Add to Inventory | Is a unique ID, manufacturer, category, tool type, tool name, sale type, cost, and image path written to the inventory file? | Unique ID, manufacturer, category, tool type, tool name, sale type, cost, and image path are written to a line in the inventory file. | Yes |
| View and Amend Inventory. | Are the contents of the inventory file copied to a temporary file in preparation for being shown in a table? | Each line of the inventory file is copied to a temporary file. | Yes |
| View and Amend Inventory | Based on the rental/sale filter, only the correct tool records are copied over to a temporary file. | Only the correct records are copied based on the rental/sale filter. | Yes |
| View and Amend Inventory | Are the records from the temporary file read and displayed in a table properly? | All relevant tools are displayed in the correct order with correct details. | Yes |
| View and Amend Inventory | Does toggling the checkboxes allow for input into the text fields? | The text fields are enabled when the checkboxes are marked as true. | Yes |
| View and Amend Inventory | Based on the additional filters, can the program display an empty table if there are no tools that fit the criteria? | The program can display an empty table without crashing. | No  See table 2 row 2. |
| View and Amend Inventory | Do the combo boxes automatically populate with the contents of their respective files when the form loads? | The combo boxes automatically populate with possible inputs in the additional filters section. | Yes |
| View and Amend Inventory | When a row is selected, are the new comboboxes and text fields automatically populated with the details of the current record? | The new comboboxes and text fields are automatically filled with the details of the selected record. | No  See table 2 row 3. |
| View and Amend Inventory | When a record is amended, is a new inventory file created successfully? | An edited inventory file conforming to specified changes is produced. | No  See table 2 row 4. |
| Customer Sale Rental | Is a table of tools opened when the user wishes to browse tools? | A table of tools is opened along with disabling the sale form. | Yes |
| Customer Sale Rental | Are the relevant fields filled and relevant variables assigned when a tool is selected? | Fields are filled and variables are assigned when exiting the tool table. | Yes |
| Verify Customer | Can the user enter a customer’s details to verify if they are on record? | A customer’s details can be used to determine if they are on file. | Yes |
| Verify Customer | Can another form be opened to add a customer if they are not on file? | Another form is opened, locking out the verify customer form. | Yes |
| Add Customer | Can a customer’s details be added to the customer log? | A record is written to the customer log. | Yes |
| Customer Sale Rental | Can the user change the selected tool with all relevant fields changing based on the selection? | The user can change the tool to be taken out without logic errors. | Yes |
| Customer Sale Rental | Is a transaction record created in the correct file? | A transaction record is produced in either the sale or rental transaction file. | Yes |
| Return Tool | Does the form display the customer’s currently rented tools? | Form displays the customer’s rented tools in a list box. | Yes |
| Return Tool | Is a temporary inventory file created correctly? | A file containing amended contents of the original inventory, with the change of a field stating that a tool has been returned, is successfully created. | No  See table 2 row 5 |

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| Correction number: | Old code: | New code: | Success? |
| 1 |  | Background image set to stretch | Yes |
| 2 |  | The line is now checked to see if it is empty before creating an array. | Yes |
| 3 |  |  | Yes |
| 4 |  |  | Yes |
| 5 |  |  | Yes |