

Test Case

Test Case #: 1.1

Test Case Name: Adding and saving a new contact

System: PC

Short Description: Test the add and save contact button

Designed by: Alison Legge

Design Date: 01/17/2017

Executed by: Jeremy Brennan

Execution Date: 1/31/17

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Select 'Create a new Contact'.	The system displays frame that to with textboxes and labels to enter field.	Pass	
2	Check post-condition 1		Pass	
3	Fill out information for the new contact, this must include first name or last name and one other field.	The system displays the text the user has entered.	Pass	
4	Select 'Save'.	The system displays a message box that states 'Person saved'.	Pass	Actually says, "Contact Saved"
5	Check post-condition 2		Pass	

Post-conditions:

1. A window opens displaying labels and text fields for user to enter contact information.

|2. The new contact is saved to the address book.

Test Case

Test Case #: 1.2

System: PC

Designed by: Alison Legge

Executed by: Jeremy Brennan

Test Case Name: Close Add Contact Window

Short Description: Test the close contact button without saving

Design Date: 01/17/2017

Execution Date: 1/31/17

Pre-conditions:

The user has a mouse, keyboard, and the Address Book application as well as the Add Contact window are open and visible on display.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Select 'Close' button.	The system displays a prompt asking if the user wants to exit without saving the contact.	Pass	
2	Select 'No' button	The system closes window.	Pass	
3	Check post-condition 1		Pass	

Post-conditions:

1. The contact was not saved to address book.

Test Case

Test Case #: 1.1	Test Case Name: Close Address Book
System: Macbook	Short Description: Close current address book safely.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date: 01/30/2017

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Close” option in File menu.	Address Book closes.	PASS with issues	The whole address book application closes if there is only one address book open , the application should stay open (Close > Blank Address Book (New))
4	Alternate: Select “Close” at option in File menu.	Address Book prompts you to save the file before closing.	FAIL	There is no prompt to save address book before close.

Post-conditions:

1. Address Book close upon request.

Test Case

Test Case #: 1.2	Test Case Name: Close Address Book
System: Macbook	Short Description: Close current address book safely.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date: 01/30/2017

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Close” option in File menu.	Address Book closes.	PASS	
4	Alternate: Select “Close” at option in File menu.	Address Book prompts you to save the file before closing.	PASS	

Post-conditions:

1. Address Book close upon request.

Test Case: Commit

Test Case #: 1.0

Test Case Name: Commit

System: Windows 10

Design Date: 01/30/2017

Designed by: Haley Whitman

Execution Date: 01/30/2017

Executed by: Haley Whitman

Pre-conditions:

The Address Book is open and has an address book that is loaded in, and the edit window is open.

Step	Action	Expected System Response	Pass/Fail	Comment
1	In the edit window, click edit and make a change to any text field.	System will change whatever text field to the user input.	PASS	
2	Select “Commit”	Prompt showing that the contact is now added/saved to the current address book displays.	PASS	
3	Select “Ok” in confirmation.	Edit window closes and contact is added/saved.	FAIL	After the confirmation, the edit window is still open instead of closing.
4	Alternate: Exit the window instead of committing.	Prompt the user that they are closing and will lose uncommitted data, allow them to save in this confirmation.	FAIL	There is no prompt displayed if any of the information is unsaved.

				These changes will be lost.
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Post-conditions:

1. Contact's changes are either added or saved to the current address book, and the rest of the contacts are being displayed.

Test Case: Commit

Test Case #: 1.0

Test Case Name: Commit

System: Windows 10

Design Date: 01/30/2017

Designed by: Haley Whitman

Execution Date: 01/30/2017

Executed by: Haley Whitman

Pre-conditions:

The Address Book is open and has an address book that is loaded in, and the edit window is open.

Step	Action	Expected System Response	Pass/Fail	Comment
1	In the edit window, click edit and make a change to any text field.	System will change whatever text field to the user input.	PASS	
2	Select “Commit”	Prompt showing that the contact is now added/saved to the current address book displays.	PASS	
3	Select “Ok” in confirmation.	Contact is added/saved.	PASS	Passes due to requirements change.
4	Alternate: Exit the window instead of committing.	Prompt the user that they are closing and will lose uncommitted data, allow them to save in this confirmation.	PASS	

Post-conditions:

1. Contact's changes are either added or saved to the current address book, and the rest of the contacts are being displayed.

Test Case: Create New Address Book

Test Case #: 1.0

Test Case Name: Create New Address Book

System: Windows 10

Design Date: 01/30/2017

Designed by: Haley Whitman

Execution Date: 01/30/2017

Executed by: Haley Whitman

Pre-conditions:

The Address Book is open and is displaying a address book.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Select the File menu.	Address Book displays a list of menu options.	PASS	
2	Select “New.”	A new window is opened, with no contacts displayed.	PASS	

Post-conditions:

1. The initial address book is still displayed. A new window is opened, with an empty address book loaded, which has the same function as any other address book.

Test Case

Test Case #: 1.3

Test Case Name: delete a contact

System: PC

Short Description: Test the delete contact button

Designed by: Alison Legge

Design Date: 01/20/2017

Executed by: Jeremy Brennan

Execution Date: 1/31/17

Pre-conditions:

The user has a mouse, keyboard, and the Address Book application as well as the Edit Contact window are open and visible on display.
The contact the user would like to delete is already open.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Select the 'delete' button.	The system displays a prompt that asks the user if they are sure they want to delete the contact.	Pass	
2	Select the 'Yes' button.	The system removes the contact from the address book and closes the window.	Pass	
3	Check post-condition 1.		Pass	

Post-conditions:

1. The contact has been removed from the address book.

Test Case

Test Case #: 1.4

System: PC

Designed by: Alison Legge

Executed by: Jeremy Brennan

Test Case Name: Edit a contact

Short Description: Test the 'edit' and 'save' contact buttons

Design Date: 01/20/2017

Execution Date: 1/31/17

Pre-conditions:

The user has a mouse, keyboard, and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Select contact to edit.	The system opens the 'Edit Contact' frame with the selected contacted.	Pass	Requires double click on entry in the window.
2	Select the 'edit' button.	The system changes the state of the textboxes so that the user can make changes to them.	Pass	
3	Select the 'save' button.	The system removes the contact from the address book.	Fail	I think this assumes a new contact saved, the contact is only edited. Removal not needed
4	Check post-condition 1.		Pass	
5	Check post-condition 2.		Pass	

Post-conditions:

1. The changes are saved in the address book.

2. The Address Book window will display the changes made to the contact.

Test Case

Test Case #: 1.1	Test Case Name: Open file (.tsv)
System: Macbook	Short Description: User can open file.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date:

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Open” option in the file menu.	This opens a file directory in which you can select a file ending in .tsv to work with.	PASS	
4	Select test file.	Address Book opens in last window, displays all contact and is usable.	PASS	
5	Alternate: Select file not ending in .tsv	System should prevent you from doing this.	MINOR (Not Necessary)	The file system doesn't at first allow one to select .tsv files which is great. But you can change the expected File Format which then you can open a non .tsv. Program

				doesn't do anything with non .tsv file, so its not a tragedy
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Post-conditions:

1. A window open displaying the file directory system.
2. You can select file and use address book.

Test Case

Test Case #: 1.1	Test Case Name: Quit Address Book
System: Macbook	Short Description: Quit Application closing all open books.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date: 01/30/2017

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Quit” option in the file menu with one Address Book open.	One open Address Book closes and Application ends	PASS	
4	Alternate: Select the “Quit” option in the file menu with multiple Address books open.	Multiple address books close. Application ends.	PASS	
5	Alternate: Select the “Quit” option in the file menu with one unsaved Address book open.	System prompts you to Save address book.	FAIL	There needs to be a prompt to Save (write out) Address Book
6.	Alternate: Select the “Quit” option in the file menu with multiple unsaved Address books open.	System prompts you to Save each Address Book.	FAIL	There needs to be a prompt to Save (write out) Address Book

Post-conditions:

1. Application ends safely when “Quit” is selected.

Test Case

Test Case #: 1.2	Test Case Name: Quit Address Book
System: Macbook	Short Description: Quit Application closing all open books.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date: 01/30/2017

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Quit” option in the file menu with one Address Book open.	One open Address Book closes and Application ends	PASS	
4	Alternate: Select the “Quit” option in the file menu with multiple Address books open.	Multiple address books close. Application ends.	PASS	
5	Alternate: Select the “Quit” option in the file menu with one unsaved Address book open.	System prompts you to Save address book.	PASS	
6.	Alternate: Select the “Quit” option in the file menu with multiple unsaved Address books open.	System prompts you to Save each Address Book.	PASS	

Post-conditions:

1. Application ends safely when “Quit” is selected.

Test Case: Save

Test Case #: 1.0

Test Case Name: Save

System: Windows 10

Design Date: 01/30/2017

Designed by: Haley Whitman

Execution Date: 01/30/2017

Executed by: Haley Whitman

Pre-conditions:

The Address Book is open and has an address book that is loaded in.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Begin at the main page of the page of the address book	Screen has main address book page loaded and waiting	PASS	
2	Select file menu at the top of the GUI	File menu opens displaying file options	PASS	
3	Select “Save” option in the file menu.	All changes to the TSV file are saved to the external file.	PASS	
4	Alternate: Close application.	Prompt the user to save the file if there is unsaved information.	PASS	

Post-conditions:

1. Current address book is still displayed on the main screen, and the current address book file is saved with all updated information.

Test Case

Test Case #: 1.1	Test Case Name: Save As feature (Export to .tsv)
System: Macbook	Short Description: User can rename and place files.
Designed by: Frazer Bayley	Design Date: 01/17/2017
Executed by: Frazer Bayley	Execution Date:

Pre-conditions:

The user has a mouse, keyboard and the Address Book application open and visible on the display.

There is enough memory on the computer to handle the size of an address book.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select the file menu at the top of the GUI.	File menu opens displaying file options.	PASS	
3	Select the “Save As” option in the File menu.	This opens a file directory window in which you can pick a file path and name your file.	PASS	
4	Select file path and place name with .tsv at the end of file.	System correctly stores file in correct directory with the name you gave it.	PASS	
5	Alternate: Select file path and do not put .tsv at end of file.	System correctly stores file in correct directory with the name you gave it and has added .tsv to the file.	PASS	

Post-conditions:

1. A window opens displaying the file directory system.
2. The file is correctly and safely saved.

Test Case: Search

Test Case #: 1

Test Case Name: Search for a Contact in the address book,

System: Windows 10

Design Date: 1/30/2017

Designed by: Haley Whitman

Execution Date: 1/30/2017

Executed by: Haley Whitman

Pre-conditions: Address book is open, and an address book file is loaded into the application.

Step	Action	Expected System Response	Pass/Fail	Comments
1	Begin at the main page of the Address Book.	Screen has main address book page loaded and waiting.	PASS	
2	Select text field at top of GUI.	Text cursor blinks	PASS	
3	Input desired search term.	The text that is written is displayed in the search bar.	PASS	
4	Click Search.	The address below is updated with all matches from the search term.	PASS	
5(Alt)	Input desired substring of search term.	Any match from the substring will show up in the display.	PASS	

Post-conditions: All addresses that follow any substring of the inputted search bar will be displayed below. All substrings will be included in this search.

Test Case: Sort

Test Case #: 1.0

Test Case Name: Sort

System: Windows 10

Design Date: 01/30/2017

Designed by: Haley Whitman

Execution Date: 01/30/2017

Executed by: Haley Whitman

Pre-conditions:

The Address Book is open and has an address book that is loaded in.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Click sort by ZsIP Code.	System displays all contacts sorted by ZIP code in ascending order.	PASS	
2	Alternate: Click sort by name.	System displays all contacts sorted by Last name, and then first name, in ascending order.	PASS	
3				
4				

Post-conditions:

1. Current address book is still displayed on the main screen in either ascending ZIP code/Last-name order.