PackDoption Black Box Test Plan

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Date: 11/21/2019

Test Overview

To run the tests:

- 1. Right click on PackDoptionGUI class in the Package Explorer.
- 2. Select Run As > Java Application

All tests files should be located in the test-files/ folder.

If you run all tests independently, you can close the GUI between each test. However, the tests are structured so that they may be run in order without shutting down the GUI.

Test ID	Description	Expected Results	Actual Results
Test 1: Load	Preconditions: None	PackDoption loads.	PackDoption loads.
Invalid File	Run PackDoptionGUI. Click File -> Load	The GUI panel shows: Date field showing today's date Rescues section Buttons for adding and unselecting rescue	The GUI panel shows: Date field showing today's date Rescues section Buttons for adding and unselecting rescue
	In the FileChooser dialog select: test-files/invalid_ file.txt	 Recue name field Buttons for viewing animals Appointments section Buttons for Info for Next Appointment and Remove Next 	 Recue name field Buttons for viewing animals Appointments section Buttons for Info for Next Appointment and Remove Next
	Click Select	Info sectionNotes field	Info sectionNotes field
	Check results	All sections are emptyAll buttons and text fields are disabled	All sections are emptyAll buttons and text fields are disabled
	Close GUI	An error message displays "Error opening file."	An error message displays "Error opening file."
Test 2: New File	Preconditions: None	PackDoption loads	PackDoption loads
	Run PackDoptionGUI.	The GUI panel shows: Date field showing today's date	The GUI panel shows: Date field showing today's date
	Click File -> New	Rescues sectionButtons for adding and unselecting rescue	Rescues sectionButtons for adding and unselecting rescue
	Click Select	Recue name field	Recue name field

	Check results Close GUI	 Buttons for viewing animals Appointments section Buttons for Info for Next Appointment and Remove Next Info section Notes field All sections are empty All buttons and text fields are disabled except the Add Rescue button and the Rescue Name field 	 Buttons for viewing animals Appointments section Buttons for Info for Next Appointment and Remove Next Info section Notes field All sections are empty All buttons and text fields are disabled except the Add Rescue button and the Rescue Name field
Test 3: Load Valid File	Preconditions: None Run PackDoptionGUI.	PackDoption loads The GUI panel shows:	PackDoption loads The GUI panel shows:
riie	Kuli PackDoptionGol.	Date field showing today's date	Date field showing today's date
	Click File -> Load		
	In the FileChooser	The Rescues section shows 2 rescues: Ms. Wuf's Rescue	The Rescues section shows 2 rescues: Ms. Wuf's Rescue
	dialog select:	NCSU Rescue	NCSU Rescue
	test-		
	files/sample.md	The button for Add Rescue is enabled/available.	The button for Add Rescue is enabled/available.
	Click Select	No rescue is selected and the Veterinarian Appointments section is empty.	No rescue is selected and the Veterinarian Appointments section is empty.
	Check results		
	Close GUI		
Test 4:	Preconditions: Test 3	The buttons under the Rescues section are enabled.	The buttons under the Rescues section are enabled.
Select Rescue	runs	Rescue Name shows NCSU Rescue	Rescue Name shows NCSU Rescue
nescue	Select NCSU Rescue	Rescue Name shows NC30 Rescue	Rescue Name shows NCSO Rescue
		Veterinarian Appointments shows 3 animals:	Veterinarian Appointments shows 3 animals:
	Check results	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708
	Close GUI	George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes	George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes
	0.030 001	5 dike, dog, 2/25/250 i, 15/52 iiion, les	5 dile; dog, 2, 25, 250 i, 15, 52 iiio ii, 165
		[Days in Rescue for Jack based on date of 10/17/2019)	[Days in Rescue for Jack based on date of 10/17/2019)
		Appointment info section is blank	Appointment info section is blank
Test 5:	Preconditions: Test 3		
Add Animal	runs	The Animals section shows:	The Animals section shows:
	Select NCSU Rescue	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 Duke, Dog, 2/29/2004, 15, SENIOR, Yes	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 Duke, Dog, 2/29/2004, 15, SENIOR, Yes
	11.000000 11.00000	Jack, Cat, 4/21/2011, 8, ADULT, No, 2972	Jack, Cat, 4/21/2011, 8, ADULT, No, 2972
	Click View Animals	George, Cat, 6/25/2011, 8, ADULT, Yes	George, Cat, 6/25/2011, 8, ADULT, Yes
	Enter:	Bob is added to the list of Animals	Bob is added to the list of Animals

	Type – Dog Name – Bob Birthday – 1/1/2010 Size – Medium House Trained – Yes Good with Kids – Yes Date Enter Rescue – 10/1/2019 Date Adopted – blank Owner – blank Notes – blank Click Add Check results Close GUI	The Animals section shows: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 Duke, Dog, 2/29/2004, 15, SENIOR, Yes Jack, Cat, 4/21/2011, 8, ADULT, No, 2972 George, Cat, 6/25/2011, 8, ADULT, Yes Bob, Dog, 1/1/2010, 9, SENIOR, No, 16 [Days in Rescue for Jack and Bob based on date of 10/17/2019) The Animal information section shows the information for Bob	The Animals section shows: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 Duke, Dog, 2/29/2004, 15, SENIOR, Yes Jack, Cat, 4/21/2011, 8, ADULT, No, 2972 George, Cat, 6/25/2011, 8, ADULT, Yes Bob, Dog, 1/1/2010, 9, SENIOR, No, 16 [Days in Rescue for Jack and Bob based on date of 10/17/2019) The Animal information section shows the information for Bob
Test 6:	Preconditions: Tests 3	Rescue Name shows NCSU Rescue	Rescue Name shows NCSU Rescue
Add Animal to Vet	and 5 have run	Veterinarian Appointments list shows 4 animals:	Veterinarian Appointments list shows 4 animals:
Queue	Select Bob	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708	Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708
		George, Cat, 6/25/2011, 8, ADULT, Yes	George, Cat, 6/25/2011, 8, ADULT, Yes
	Click Add Animal to Vet	Duke, dog, 2/29/2004, 15, SENIOR, Yes	Duke, dog, 2/29/2004, 15, SENIOR, Yes
	Queue	Bob, dog, 1/1/2010, 9, SENIOR, No, 16	Bob, dog, 1/1/2010, 9, SENIOR, No, 16
	Click Back to Rescue	[Days in Rescue for Jack based on date of 10/17/2019)	[Days in Rescue for Jack based on date of 10/17/2019)
	Confirm NCSU Rescue is selected		
	Check results		
	Close GUI		
Test 7:	Preconditions: Tests 3,	Contents of test.md should be:	Contents of test.md should be:
Save File	5 and 6 have run	# NCSU Rescue	# NCSU Rescue
	Click File -> Save	*	*
		Dog,Duke,2/29/2004,LARGE,true,true,7/21/2004,true,	Dog, Duke, 2/29/2004, LARGE, true, true, 7/21/2004, true,
	In the file chooser	7/28/2004,Olivia and	7/28/2004,Olivia and
	dialog go to test-files and enter test.md	Family,ROTTWEILER,NOTES,2/29/2004 Born in NC	Family,ROTTWEILER,NOTES,2/29/2004 Born in NC
	and enter cest. IIIQ	cat,George,6/25/2011,MEDIUM,true,true,8/12/2011,tr	Cat,George,6/25/2011,MEDIUM,true,true,8/12/2011,tr
	Click Select	ue,8/12/2011,James and Family,NOTES	ue,8/12/2011,James and Family,NOTES
	Open test.md in an	Cat, Jack, 4/21/2011, MEDIUM, false, true, 8/27/2011, NOT	Cat,Jack,4/21/2011,MEDIUM,false,true,8/27/2011,NOT
	editor	ES,4/21/2011 Born in VA,8/27/2011 Entered Shelter	ES,4/21/2011 Born in VA,8/27/2011 Entered Shelter

	[Dog Jack at NCSU Rescue showing on second line due to lack of spaces in text, not a newline]	[Dog Jack at NCSU Rescue showing on second line due to lack of spaces in text, not a newline]
	NC - Lily,5/14/2011	NC - Lily,5/14/2011
	Cat,Loki,3/14/2004,SMALL,false,true,4/8/2004,true, 5/13/2004,Ethan and Family,NOTES,3/14/2004 Born in	Cat,Loki,3/14/2004,SMALL,false,true,4/8/2004,true, 5/13/2004,Ethan and Family,NOTES,3/14/2004 Born in
	Cat,Lily,5/14/2011,SMALL,false,true,6/23/2011,NOTE S *	Cat,Lily,5/14/2011,SMALL,false,true,6/23/2011,NOTE S *
	Cat,Leo,2/20/2019,SMALL,true,false,7/8/2019,true,7/26/2019,Mason and Family,NOTES,2/20/2019 Born in VA,7/8/2019 Entered Shelter	Cat,Leo,2/20/2019,SMALL,true,false,7/8/2019,true,7/26/2019,Mason and Family,NOTES,2/20/2019 Born in VA,7/8/2019 Entered Shelter
	# Ms. Wuf's Rescue *	# Ms. Wuf's Rescue *
	- Bob, 1/1/2010	- Bob, 1/1/2010
	- George,6/25/2011 - Duke,2/29/2004	- George, 6/25/2011 - Duke, 2/29/2004
	- Jack,3/9/2001	- Jack, 3/9/2001
	10/1/2019, BOXER, NOTES	10/1/2019, BOXER, NOTES
Close GUI	_GERMAN_SHORTHAIRED,NOTES,3/9/2001 Born in NC * Dog, Bob, 1/1/2010, MEDIUM, true, true,	_GERMAN_SHORTHAIRED, NOTES, 3/9/2001 Born in NC * Dog, Bob, 1/1/2010, MEDIUM, true, true,
Check results	* Dog, Jack, 3/9/2001, LARGE, true, true, 6/1/2001, POINTER	* Dog, Jack, 3/9/2001, LARGE, true, true, 6/1/2001, POINTER

Document Revision History

Date	Author	Change Description
11/21/2019	bmrowan, mlee25	Created BBTP for P2P2