

PackDoption Black Box Test Plan

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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 Invalid File	<p>Preconditions: None</p> <p>Run PackDoptionGUI.</p> <p>Click File -> Load</p> <p>In the FileChooser dialog select: test-files/invalid_file.txt</p> <p>Click Select</p> <p>Check results</p> <p>Close GUI</p>	<p>PackDoption loads.</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none">• Date field showing today's date• Rescues section• Buttons for adding and unselecting rescue• Recue 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 <p>An error message displays "Error opening file."</p>	<p>PackDoption loads.</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none">• Date field showing today's date• Rescues section• Buttons for adding and unselecting rescue• Recue 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 <p>An error message displays "Error opening file."</p>
Test 2: New File	<p>Preconditions: None</p> <p>Run PackDoptionGUI.</p> <p>Click File -> New</p> <p>Click Select</p>	<p>PackDoption loads</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none">• Date field showing today's date• Rescues section• Buttons for adding and unselecting rescue• Recue name field	<p>PackDoption loads</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none">• Date field showing today's date• Rescues section• Buttons for adding and unselecting rescue• Recue name field

	<p>Check results</p> <p>Close GUI</p>	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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
<p>Test 3: Load Valid File</p>	<p>Preconditions: None</p> <p>Run PackDoptionGUI.</p> <p>Click File -> Load</p> <p>In the FileChooser dialog select: test-files/sample.md</p> <p>Click Select</p> <p>Check results</p> <p>Close GUI</p>	<p>PackDoption loads</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none"> Date field showing today's date <p>The Rescues section shows 2 rescues: Ms. Wuf's Rescue NCSU Rescue</p> <p>The button for Add Rescue is enabled/available.</p> <p>No rescue is selected and the Veterinarian Appointments section is empty.</p>	<p>PackDoption loads</p> <p>The GUI panel shows:</p> <ul style="list-style-type: none"> Date field showing today's date <p>The Rescues section shows 2 rescues: Ms. Wuf's Rescue NCSU Rescue</p> <p>The button for Add Rescue is enabled/available.</p> <p>No rescue is selected and the Veterinarian Appointments section is empty.</p>
<p>Test 4: Select Rescue</p>	<p>Preconditions: Test 3 runs</p> <p>Select NCSU Rescue</p> <p>Check results</p> <p>Close GUI</p>	<p>The buttons under the Rescues section are enabled.</p> <p>Rescue Name shows NCSU Rescue</p> <p>Veterinarian Appointments shows 3 animals: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes</p> <p>[Days in Rescue for Jack based on date of 10/17/2019)</p> <p>Appointment info section is blank</p>	<p>The buttons under the Rescues section are enabled.</p> <p>Rescue Name shows NCSU Rescue</p> <p>Veterinarian Appointments shows 3 animals: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes</p> <p>[Days in Rescue for Jack based on date of 10/17/2019)</p> <p>Appointment info section is blank</p>
<p>Test 5: Add Animal</p>	<p>Preconditions: Test 3 runs</p> <p>Select NCSU Rescue</p> <p>Click View Animals</p> <p>Enter:</p>	<p>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</p> <p>Bob is added to the list of Animals</p>	<p>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</p> <p>Bob is added to the list of Animals</p>

	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: Add Animal to Vet Queue	Preconditions: Tests 3 and 5 have run Select Bob Click Add Animal to Vet Queue Click Back to Rescue Confirm NCSU Rescue is selected Check results Close GUI	Rescue Name shows NCSU Rescue Veterinarian Appointments list shows 4 animals: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes Bob, dog, 1/1/2010, 9, SENIOR, No, 16 [Days in Rescue for Jack based on date of 10/17/2019]	Rescue Name shows NCSU Rescue Veterinarian Appointments list shows 4 animals: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6708 George, Cat, 6/25/2011, 8, ADULT, Yes Duke, dog, 2/29/2004, 15, SENIOR, Yes Bob, dog, 1/1/2010, 9, SENIOR, No, 16 [Days in Rescue for Jack based on date of 10/17/2019]
Test 7: Save File	Preconditions: Tests 3, 5 and 6 have run Click File -> Save In the file chooser dialog go to test-files and enter test.md Click Select Open test.md in an editor	Contents of test.md should be: <pre># NCSU Rescue * Dog,Duke,2/29/2004,LARGE,true,true,7/21/2004,true,7/28/2004,Olivia and Family,ROTTWEILER,NOTES,2/29/2004 Born in NC * Cat,George,6/25/2011,MEDIUM,true,true,8/12/2011,true,8/12/2011,James and Family,NOTES * Cat,Jack,4/21/2011,MEDIUM,false,true,8/27/2011,NOTES,4/21/2011 Born in VA,8/27/2011 Entered Shelter</pre>	Contents of test.md should be: <pre># NCSU Rescue * Dog,Duke,2/29/2004,LARGE,true,true,7/21/2004,true,7/28/2004,Olivia and Family,ROTTWEILER,NOTES,2/29/2004 Born in NC * Cat,George,6/25/2011,MEDIUM,true,true,8/12/2011,true,8/12/2011,James and Family,NOTES * Cat,Jack,4/21/2011,MEDIUM,false,true,8/27/2011,NOTES,4/21/2011 Born in VA,8/27/2011 Entered Shelter</pre>

	<p>Check results</p> <p>Close GUI</p>	<p>* Dog,Jack,3/9/2001,LARGE,true,true,6/1/2001,POINTER _GERMAN_SHORTHAIRED,NOTES,3/9/2001 Born in NC</p> <p>* Dog, Bob, 1/1/2010, MEDIUM, true, true, 10/1/2019, BOXER,NOTES</p> <ul style="list-style-type: none"> - Jack,3/9/2001 - George,6/25/2011 - Duke,2/29/2004 - Bob, 1/1/2010 <p># Ms. Wuf's Rescue</p> <p>* 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</p> <p>* Cat,Lily,5/14/2011,SMALL,false,true,6/23/2011,NOTE S</p> <p>* Cat,Loki,3/14/2004,SMALL,false,true,4/8/2004,true, 5/13/2004,Ethan and Family,NOTES,3/14/2004 Born in NC</p> <ul style="list-style-type: none"> - Lily,5/14/2011 <p>[Dog Jack at NCSU Rescue showing on second line due to lack of spaces in text, not a newline]</p>	<p>* Dog,Jack,3/9/2001,LARGE,true,true,6/1/2001,POINTER _GERMAN_SHORTHAIRED,NOTES,3/9/2001 Born in NC</p> <p>* Dog, Bob, 1/1/2010, MEDIUM, true, true, 10/1/2019, BOXER,NOTES</p> <ul style="list-style-type: none"> - Jack,3/9/2001 - George,6/25/2011 - Duke,2/29/2004 - Bob, 1/1/2010 <p># Ms. Wuf's Rescue</p> <p>* 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</p> <p>* Cat,Lily,5/14/2011,SMALL,false,true,6/23/2011,NOTE S</p> <p>* Cat,Loki,3/14/2004,SMALL,false,true,4/8/2004,true, 5/13/2004,Ethan and Family,NOTES,3/14/2004 Born in NC</p> <ul style="list-style-type: none"> - Lily,5/14/2011 <p>[Dog Jack at NCSU Rescue showing on second line due to lack of spaces in text, not a newline]</p>
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Document Revision History

Date	Author	Change Description
11/21/2019	bmrowan, mlee25	<ul style="list-style-type: none"> Created BBTP for P2P2