

<Project 2 Part 2> Black Box Test Plan

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Introduction

This project is for a software which will keep track of animal rescues and the animals in each individual rescue. It allows for manipulation and addition of these lists as well as filtering and other functionalities. We will test a few basic implementations of the design such as loading files, loading rescues, adding animals, editing animals, looking through an appointment queue, and others.

You can start the program by running the PackDopterGUI class. If you are using Eclipse, right click on this class and select run as > java application. And the window which allows you to create a new or load a file pops up. This is where the tests will begin.

Test ID	Description	Expected Results	Actual Results
Launch window (John Widdifield)	Preconditions: None Launch the GUI <u>Check Results</u>	A new window is displayed Showing an empty rescue list with an empty veterinarian appointments list alongside the date in the upper middle of the screen and 8 non-pushable buttons alongside a text field that is not typable for notes.	The new window is displayed with today's date posted in at the top. Both the rescues list and veterinarian appointments list are empty. All 8 buttons are unpushable and text fields are untypable. PASSED
Load valid File (John Widdifield)	Preconditions: Program is running. <i>Select "File"</i> <i>Select "Load"</i> Choose the file Valid_Rescue_File.md <u>Check Results</u>	Two rescues are displayed on the left table as NCSU Rescue and Ms. Wuf's Rescue, add Rescue and Unselect Rescue should be pushable	Two new rescues are listed in the left table for Rescues, the first being Ms. Wuf's Rescue, and the second being NCSU Rescue. Vet appointments are empty, however add Rescue and Unselect Rescue are now pushable buttons. PASSED
Load Appointments (John Widdifield)	Preconditions: Load Valid File Test Passed <i>Select "NCSU Rescue"</i> <u>Check Results</u>	Three appointments should be displayed on the table on the right side. The table displays the following information about the appointments:	All buttons are now pushable and it displays 2 available animals and 3 adopted animals as well as there being 3 new veterinarian appointments displayed in the table on

		<p>Jack, dog, 3/9/2001, 18, SENIOR, No, 6743</p> <p>George, Cat, 6/25/2011, 8, Adult, Yes</p> <p>Duke, Dog, 2/29/2004, 15, SENIOR, Yes</p> <p>Also, all buttons should be pushable at this time. As well as there should be displayed 2 Available, 3 Adopted below the View Available Dogs button</p>	<p>the right. They display the following information: Jack, dog, 3/9/2001, 18, SENIOR, No, 6743</p> <p>George, Cat, 6/25/2011, 8, Adult, Yes</p> <p>Duke, Dog, 2/29/2004, 15, SENIOR, Yes</p> <p>PASSED</p>
<p>View Animals (John Widdifield)</p>	<p>Preconditions: Load Valid File, and Load Appointments Have Passed</p> <p>Select the View Animals button on the lower left of the window</p> <p><u>Check Results</u></p>	<p>The window should change views and display on the left side a list of all animals in the file for the rescue as such: Jack, dog, 3/9/2001, 18, SENIOR, No, 6709</p> <p>Duke, Dog, 2/29/2004, 15, SENIOR, Yes</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, Yes</p> <p>George, Cat, 6/25/2011, 8, Adult, Yes</p> <p>Text fields should be blank on the right side of the screen.</p>	<p>A new display is shown with a table of all the animals in the rescue displayed on the left which include the following: Jack, dog, 3/9/2001, 18, SENIOR, No, 6709</p> <p>Duke, Dog, 2/29/2004, 15, SENIOR, Yes</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, Yes</p> <p>George, Cat, 6/25/2011, 8, Adult, Yes</p> <p>Buttons and fields are displayed below the table. These buttons being Back to Rescue, FilterAvailable by Age, FilterAvailable by Day, All Animals, Add Animal to Vet Queue, and unselect. The fields are minimums and maximums for the filtering buttons,</p> <p>To the right there are empty fields for animal information besides the dropdown menus which are set to the highest value in their list PASSED</p>
<p>Display Animal Info (John Widdifield)</p>	<p>Preconditions: Load Valid File, Load Appointments, and View Animals Have Passed</p>	<p>Fields on the right should be filled with George's information as follows:</p>	<p>Fields on the right of the current window are populated with the following information:</p>

	<p>Select "George"</p> <p><u>Check Results</u></p>	<p>Cat, George, 6/25/2011, MEDIUM, Yes, Yes, 8/12/2011, 8/12/2011, James and Family, "Blank"</p>	<p>Cat, George, 6/25/2011, MEDIUM, Yes, Yes, 8/12/2011, 8/12/2011, James and Family, "Blank"</p> <p>PASSED</p>
<p>Edit animal Information (John Widdifield)</p>	<p>Preconditions: Load Valid File, Load Appointments, View Animals, and Display Animal Info Have Passed</p> <p>Change the Owner field on the right to only include James (Remove the "and Family")</p> <p>Select Edit</p> <p>Select Jack from Animals</p> <p>Reselect George</p> <p><u>Check Results</u></p>	<p>The Owner field should be saved as only James, "and Family should not be displayed.</p>	<p>George now displays a sole owner "James" instead of "James and Family"</p> <p>PASSED</p>
<p>Add Animal (John Widdifield)</p>	<p>Preconditions: Load Valid File, Load Appointments, View Animals, and Display Animal Info Have Passed</p> <p>Click Unselect</p> <p>In the fields on the right going top down enter the following information:</p> <p>Cat, Bilbo, 6/24/2010, MEDIUM, Yes, No, 8/11/2010, 8/14/2010, John Widdifield, "Blank"</p> <p>Select "Add"</p> <p><u>Check Results</u></p>	<p>The newly created animal should be displayed on the left with the other animals in the rescue with the following information:</p> <p>Bilbo, Cat, 6/24/2010, 8, SENIOR, Yes, "Blank"</p>	<p>The animals list has another animal added to it. He is displayed between duke and jack with the following information:</p> <p>Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes, "Blank"</p> <p>PASSED</p>
<p>Filter Animals by Age (John Widdifield)</p>	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal Have Passed</p> <p>In the minimum text field to the right of Filter Available by Age Button enter 8, in the maximum text field enter 16.</p> <p>Select "Filter Available by Age"</p> <p><u>Check Results</u></p> <p>Select "All Animals"</p> <p><u>Check Results</u></p>	<p>The animals table should be updated to only be containing the following cat:</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, No, 3006</p> <p>After you select all animals the animals table should be repopulated with 5 animals once again (the same animals as at the end of Add Animal test</p>	<p>The animals table only contains one cat:</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, No, 3006</p> <p>And, after pressing All Animals the table is repopulated with Jack, Duke, Bilbo, Jack, and George as before and as expected</p> <p>PASSED</p>

Filter Animals by Days	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal Have Passed</p> <p>In the minimum text field to the right of Filter Available by Day Button enter 2000 in the maximum field enter 4000.</p> <p>Select "Filter Available by Day"</p> <p>Check Results</p> <p>Select "All Animals"</p> <p><u>Check Results</u></p>	<p>The animals table should be updated to only be containing the following cat:</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, No, 3006</p> <p>After you select all animals the animals table should be repopulated with 5 animals once again (the same animals as at the end of Add Animal test</p>	<p>The animals table only contains one cat:</p> <p>Jack, Cat, 4/21/2011, 8, ADULT, No, 3006</p> <p>And, after pressing All Animals the table is repopulated with Jack, Duke, Bilbo, Jack, and George as before and as expected</p> <p>PASSED</p>
Add Appointment (John Widdifield)	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal have passed</p> <p>Select Bilbo from the animals table</p> <p>Select "Add Animal to Vet Queue"</p> <p>Select "Back to Rescue"</p> <p><u>Check Results</u></p>	<p>Original window with Rescues and Appointment lists should be displayed with the additional appointment for Bilbo listed at the end of the appointments list with the following information:</p> <p>Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes, "Blank"</p>	<p>The new window is properly displayed with the Bilbo appointment appended to the end of the vet appointments list with the correct information as follows:</p> <p>Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes, "Blank"</p> <p>PASSED</p>
Appointment Info (John Widdifield)	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, Add Animal, and Add Appointment have passed</p> <p>Select the button "Info for Next Appointment"</p> <p><u>Check Results</u></p>	<p>Below the buttons Info for next appointment and remove next & add note there should be displayed the following information:</p> <p>Jack (3/9/2001) -3/9/2001 Born in NC</p>	<p>Information is displayed below the two buttons Info for Next Appointment and Remove Next & Add Note as follows:</p> <p>Jack (3/9/2001) -3/9/2001 Born in NC</p> <p>PASSED</p>
Add Note for Next (John Widdifield)	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, Add Animal, Add Appointment, and Appointment Info have passed</p> <p>In the text field below Jack's note information enter the following "He needs a vaccine"</p> <p>Select "Remove Next & Add Note"</p> <p><u>Check Results</u></p> <p>Select View Animals</p> <p>Select the first animal in the table: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6743</p>	<p>The table on the right should no longer contain an animal named Jack. There should be three appointments for George Duke and Bilbo</p>	<p>The table no longer has Jack in it, it only shows George Duke and Bilbo for Vet Appointments</p>

	<u>Check Results</u> Select Back to Rescue	The Animal Notes list on the right should now contain the new note and should display as follows: -3/9/2001 Born in NC -11/21/2019 He needs a vaccine	The Animal Notes field for Jack contains the following: -3/9/2001 Born in NC -11/21/2019 He needs a vaccine PASSED
View Cats (John Widdifield)	Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal have passed If you are not on the page with the Rescues select Back to Rescue Select NCSU Rescue Select View Available Cats <u>Check Results</u> Select Back to Rescue	Should take you to the window with the rescues animals but only displaying one cat, the only available cat in the rescue which is: Jack, Cat, 4/21/2011, 8, ADULT, No, 3006	The Animals list only contains the one cat: Jack, Cat, 4/21/2011, 8, ADULT, No, 3006 Passed
View Dogs (John Widdifield)	Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal have passed If you are not on the page with the Rescues select Back to Rescue Select NCSU Rescue Select View Available Dogs <u>Check Results</u> Select Back to Rescue	Should take you to the window with the rescues animals but only displaying one Dog, the only available Dog in the rescue which is: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6743	The Animals list only contains the one cat: Jack, Cat, 4/21/2011, 8, ADULT, No, 3006 Passed
View Adopted (John Widdifield)	Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, and Add Animal have passed If you are not on the page with the Rescues select Back to Rescue Select NCSU Rescue Select View Adopted <u>Check Results</u> Select Back to Rescue	Should take you to the window with the rescues animals and display three animals in the animal list all of which are adopted as follows: Duke, Dog, 2/29/2004, 15, SENIOR, Yes, "Blank" Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes, "Blank" George, Cat, 6/25/2011, 8, ADULT, Yes, "Blank"	The animals list contains only adopted animals from the rescue as follows: Duke, Dog, 2/29/2004, 15, SENIOR, Yes, "Blank" Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes, "Blank" George, Cat, 6/25/2011, 8, ADULT, Yes, "Blank" PASSED

Save File (John Widdifield)	<p>Preconditions: Load Valid File, Load Appointments, View Animals, Display Animal Info, Add Animal, Add Appointment, Appointment Info, and Add Note for Next have passed</p> <p><i>Select File</i></p> <p><i>Select Save</i></p> <p>In the file name text box type: "Valid_Test_File_Save.md"</p> <p><i>Select File</i></p> <p><i>Select Quit</i></p> <p>Relaunch the GUI</p> <p><i>Select "File"</i></p> <p><i>Select "Load"</i></p> <p>Choose the file Valid_Rescue_File_Save.md</p> <p><u>Check Results</u></p> <p><i>Select NCSU Rescue</i></p> <p><u>Check Results</u></p> <p><i>Select View Animals</i></p> <p><i>Select: Jack, Dog, 3/9/2001, 18, SENIOR, No, 6743</i></p> <p><u>Check Results</u></p>	<p>On the left should be two Rescues: Ms. Wuf's Rescue and NCSU Rescue</p> <p>There should be 3 vet appointments in the list on the right: George, Cat, 6/25/2011, 8, ADULT, Yes, "BLANK" Duke, Dog, 2/29/2004, 8, ADULT, Yes, "BLANK" Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes "BLANK"</p> <p>Animal Notes for Jack, Dog should display the following: -3/9/2001 Born in NC -11/21/2019 He needs a vaccine</p>	<p>Both rescues are displayed Ms.Wuf's Rescue and NCSU Rescue</p> <p>All 3 vet Appointments are displayed as follows: George, Cat, 6/25/2011, 8, ADULT, Yes, "BLANK" Duke, Dog, 2/29/2004, 8, ADULT, Yes, "BLANK" Bilbo, Cat, 6/24/2010, 9, SENIOR, Yes "BLANK"</p> <p>Animal Notes for Jack include: -3/9/2001 Born in NC -11/21/2019 He needs a vaccine</p> <p>PASSED</p>
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Required Files

Valid_Rescue_File.md (This is a valid txt file)

Ms. Wuf's Rescue

* 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

* Cat,Lily,5/14/2011,SMALL,false,true,6/23/2011,NOTES
 * 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
 - Lily,5/14/2011

NCSU Rescue

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Dog,Jack,3/9/2001,LARGE,true,true,6/1/2001,POINTER_GERMAN_SHORTHAired,NOTES,3/9/2001 Born in NC

* 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,Jack,4/21/2011,MEDIUM,false,true,8/27/2011,NOTES,4/21/2011 Born in VA,8/27/2011 Entered Shelter

* Cat,George,6/25/2011,MEDIUM,true,true,8/12/2011,true,8/12/2011,James and Family,NOTES

- Jack,3/9/2001
- George,6/25/2011
- Duke,2/29/2004

Document Revision History

Date	Author	Change Description
10/31/2019	John Widdifield	<ul style="list-style-type: none">Wrote all of the documentAdded a few Tests and filled out actual results
11/21/2019	John Widdifield	