

# PackDoption System Test Plan

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## Introduction

The tester would start the system by running the PackDoptionGUI class in eclipse. After running the file, the user will see a pop up to choose the file to load into the GUI, and in this case, we would select the validData.txt file in the test-files folder. After loading the file into the GUI all the information gets displayed in the Rescue table and the appointments get displayed in the veterinarian appointments table or we can add rescue names and then save the current rescues in the table to a file. The system test plan tests the various invalid inputs when trying to filter the animals by age and number of days after adoption, loading a file, deleting, and adding vets to the veterinarian appointments table, and editing current animal information.

## Test Files

### validData.txt

# 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

\* Dog, Jack, 3/9/2001, LARGE, true, true, 6/1/2001, POINTER\_GERMAN\_SHORTHAired, NOTES, 3/9/2001 Born in NC

- Jack, 3/9/2001

- George, 6/25/2011

- Duke, 2/29/2004

# Ms. Wuf's Rescue

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

\* 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

- Lily, 5/14/2011

## System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

Test ID	Description	Expected Results	Actual Results
<b>Test 1 [starting the GUI and adding a note for next appointment]</b>	Right click on the PackDoptionGUI and click run. Open the test-files/validData.txt. Click "Add Rescue" button.  Rescue Name: NCSU Rescue  Click "Add Rescue" button.	The GUI has the Rescues and veterinarian appointments table populated with the data. When we click the add rescue button without entering rescue name we get an error message but after giving the rescue name the rescue gets added to the list in the rescues table	The GUI has the Rescues and veterinarian appointments table populated with the data. When we click the add rescue button without entering rescue name we get an error message but after giving the rescue name the rescue gets added to the list in the rescues table
<b>Test 2 [Editing a rescue in the list]</b>	Precondition: Test 1 passes Click on the "View Animals" button. Select the dog named "George" from the NCSU rescue. Make the following changes:  Animal Notes: cute dog Owner: wynns and family Click "Edit"	The animal gets updated in the list.	The animal gets updated in the list with the given new note and owner.
<b>Test 3 [Setting filters in to view specific animals]</b>	Precondition: Test 1 and 2 passes Click on the "View Animals" button. Add the following info : Filter Available by Age(Years): min = 10 max = 100 Click on the Filter button.	The animal table filters the animal data by age bounds and number of days after adoption that we have given.	The animal table filters the animal data by age bounds and number of days after adoption that we have given.

	<p>Filter Available by Days Available for Adoption: min = 100 max = 3000 Click on the Filter button. Click the “Back to Rescue” button.</p>		
<b>Test 4 [Trying to have invalid inputs]</b>	<p>Precondition: Test 1 and 3 passes Click on the “View Animals” button. Add the following info : Filter Available by Age(Years): min = 0 max = -2 Click on the Filter button.</p> <p>Filter Available by Days Available for Adoption: min = -2 max = 0 Click on the Filter button. Click the “Back to Rescue” button.</p>	<p>When we try to enter negative integers for filter available by age we get an error message saying that “Age ranges are not valid”. When we try to enter negative integers for filter available by days available for adoption, we get an error message saying that “Day ranges are not integers”.</p>	<p>When we try to enter negative integers for filter available by age we get an error message saying that “Age ranges are not valid”. When we try to enter negative integers for filter available by days available for adoption, we get an error message saying that “Day ranges are not integers”.</p>
<b>Test 5 [Adding and removing from vet queue]</b>	<p>Precondition: Test 1 passes Click on the “View Animals” button. Click “Unselect” to unselect any things that you may have selected in the animal’s table. Select the Dog named Duke from the NCSU Rescue. Click “Add Animal Vet Queue”</p>	<p>The animal Duke gets added in the vet appointments queue table.</p>	<p>The animal Duke gets added in the vet appointments queue table.</p>