# PackDoption System Test Plan

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## Introduction

## P2 System Test Plan Execution Information

To run the tests:

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

## Test Files

PackDop1.md

# 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.

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| --- | --- | --- | --- |
| Test ID | Description | Expected Results | Actual Results |
| Test 1: Valid File [UC1] | Preconditions: None   1. Run PackDoptionGUI. 2. In the **Load Course Catalog** FileChooser dialog select: test-files/PackDop1.md 3. Click **Select** 4. *Check results* 5. Close GUI | * PackDoptionGUI loads * File Menu options are shown | **GUI Loads and Options are shown** |
| Test 2: PackDoption file To Display [UC2] | Preconditions: None   1. Run PackDoptionGUI. 2. In the **Load Course Catalog** FileChooser dialog select: test-files/PackDop1.md 3. Click **Select**   Close GUI | PackDoptionGUI loads  The packdoption file and its details are shown:  # 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 | **The file is opened with all the appropriate details** |
| Test 3: Add a Rescue [UC4] | Preconditions: Test 2 has passed   1. Run PackDoptionGUI. 2. In the **Load Course Catalog** FileChooser dialog select: test-files/PackDop1.md 3. Click **Select** 4. Select add | PackDoptionGUI loads  The packdoption file and its details are shown:  # 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  # Dave Rescue | **New Rescude added as Dave Rescue** |
| Test 4: View all dogs [UC1] [UC5] | Preconditions: Test 3 has passed   1. Run PackDoptionGUI. 2. In the **Load Course Catalog** FileChooser dialog select: test-files/ PackDop1.md 3. Click **Select** 4. Select View Available Dogs   Close GUI | PackDoptionGUI loads  View Available Dogs button, all dogs for the rescue are shown in the animal table  \* 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  \*Dog,Jack,3/9/2001,LARGE,true,true,6/1/2001,POINTER\_GERMAN\_SHORTHAIRED,NOTES,3/9/2001 Born in NC | **All Dogs that are available are shown with their appropriate details** |
| Test 5: Edit animal information [UC7] | Preconditions: None   1. Run PackDoptionGUI. 2. In the **Load Course Catalog** FileChooser dialog select: test-files/PackDop1.md 3. Click **Select** 4. Select the first animal 5. Change the dogs weight to medium   Close GUI | PackDoptionGUI loads  The dog Jack size is changed and is shown in the animal table  \*Dog,Jack,3/9/2001,MEDIUM,true,true,6/1/2001,POINTER\_GERMAN\_SHORTHAIRED,NOTES,3/9/2001 Born in NC | **The dog size was changed to a size medium** |