



# **CS 1632 Software Quality Assurance**

## **Deliverable 3**

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## **1. Introduction**

Write your retrospective here. Please describe the division of work between group members. Also, please describe any difficulties that you faced while using Selenium.

One of the group members was more skilled with using Selenium. For this reason, we split up the test cases and one person wrote more of the test cases. To balance it out, the other person found the defects and did the conversion into java. This allowed the work to be split up fairly.

## 2. Defects

Write your three defects here.

IDENTIFIER: DEFECT1-FUN-FEED

REPRODUCTION STEPS:

1. Open the Rent-A-Cat website in your web browser: <https://cs1632.appspot.com/>
2. Click on the "Feed-A-Cat" button at the top of the web page
3. Type "-3" to feed the cats in the text box next to the following text "Number of catnips to feed:"
4. Click on the "Feed" button next to the textbox where you entered "-3"

EXPECTED BEHAVIOR

The text next to the textbox where you entered "-3" should say "Cat fight!", since "-3" is not a positive number.

OBSERVED BEHAVIOR

The text next to the textbox where you entered "-3" says "Nom, nom, nom."

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IDENTIFIER: DEFECT2-FUN-GREET-A-CAT

REPRODUCTION STEPS:

1. Open the Rent-A-Cat website in your web browser: <https://cs1632.appspot.com/>
2. Click on the "Rent-A-Cat" button at the top of the web page
3. Type "1" to rent out the cat with ID number 1 in the text box next to the following text "Enter the ID of the cat to rent:"
4. Click on the "Rent" button next to the textbox where you entered "1"
5. Click on the "Greet-A-Cat" button at the top of the web page

EXPECTED BEHAVIOR: The web page should display buttons for each of the following text: "Catalog", "Rent-A-Cat", "Feed-A-Cat", "Greet-A-Cat", "Reset". Under these buttons there should be a picture of cats. Under this image, there should be a table that lists all the cats that are available to rent. The entries in the table should be: "Rented out", "ID 2. Old Deuteronomy", "ID 3. Mistoffelees". The text under the table should say "Meow!Meow!". Since 1 cat has been rented out, there are only 2 cats are available. So, "Meow!" should be printed out 2 times.

OBSERVED BEHAVIOR: The web page displays buttons for each of the following text: "Catalog", "Rent-A-Cat", "Feed-A-Cat", "Greet-A-Cat", "Reset". Under these buttons there is a picture of cats. Under this image, there is a table that lists all the cats that are available to rent. The entries in the table are: "Rented out", "ID 2. Old Deuteronomy", "ID 3. Mistoffelees". The text under the table says "Meow!Meow!Meow!"

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IDENTIFIER: DEFECT3-FUN-GREET-A-CAT-WITH-NAME

REPRODUCTION STEPS:

1. Open the Rent-A-Cat website in your web browser: <https://cs1632.appspot.com/>
2. Click on the "Rent-A-Cat" button at the top of the web page
3. Type "1" to rent out the cat with ID number 1 in the text box next to the following text "Enter the ID of the cat to rent:"
4. Click on the "Rent" button next to the textbox where you entered "1"
5. Access the "Greet-A-Cat" page with a trailing "\" followed by "Jennyanydots" by opening the following URL in your web browser: "  
<https://cs1632.appspot.com/greet-a-cat/Jennyanydots>

EXPECTED BEHAVIOR:

The web page should display buttons for each of the following text: "Catalog", "Rent-A-Cat", "Feed-A-Cat", "Greet-A-Cat", "Reset". Under these buttons there should be a picture of cats. Under this image, there should be a table that lists all the cats that are available to rent. The entries in the table should be: "Rented out", "ID 2. Old Deuteronomy", "ID 3. Mistoffelees". The text under this table should say "Jennyanydots is not here."

OBSERVED BEHAVIOR: The web page displays buttons for each of the following text: "Catalog", "Rent-A-Cat", "Feed-A-Cat", "Greet-A-Cat", "Reset". Under these buttons there is picture of cats. Under this image, there is a table that lists all the cats that are available to rent. The entries in the table are: "Rented out", "ID 2. Old Deuteronomy", "ID 3. Mistoffelees". The text under this table should says "Meow! From Jennyanydots."