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.

I chose to work alone for this deliverable. I mainly use firefox as my main web browser, so I stuck with that version of Selenium. Occasionally, I would get weird errors that I had to restart Selenium and they would go away. One annoying bug I found was that it changed all my "assert text" commands to click commands for unknown reasons.

2. Defects

Write your three defects here.

IDENTIFIER: DEFECT1-FUN-GREET-A-CAT

SUMMARY: The system outputs "Meow!Meow!Meow!" as if none of the cats were rented rather than "Meow!Meow!"

DESCRIPTION: When a user goes to the "Greet-A-Cat" page, they will be greeted with an equal number of "Meow!" messages as there are number of cats that have been rented.

REPRODUCTION STEPS:

1. Open "htttps://cs1632.appspot.com/"
2. Click the Reset link.
3. Click the Rent-A-Cat link.
4. Enter "2" into the input box for the rented cat ID.
5. Press the "Rent" button.
6. Click the Greet-A-Cat link.

EXPECTED BEHAVIOR: The webpage displays the message "Meow!Meow!"

OBSERVED BEHAVIOR: The webpage displays the message "Meow!Meow!Meow!"

IDENTIFIER: DEFECT2-FUN-FEED

SUMMARY: When the number 0 is inputted into the Feed-A-Cat input box, the message "Cat fight!" should be displayed. Instead, the message "Nom, nom, nom." should be displayed.

DESCRIPTION: When the user feeds the cats a number that is not divisible by 3 or that is not positive, the message "Cat fight!" should be displayed. Instead, when the user enters a value of 0, the output is "Nom, nom, nom."

REPRODUCTION STEPS:

1. Open "htttps://cs1632.appspot.com/"
2. Click the Reset link.
3. Click the Feed-A-Cat link.
4. Enter "0" into the input box for the catnip to feed.
5. Press the "Feed" button.

EXPECTED BEHAVIOR: The webpage displays the message "Cat fight!"

OBSERVED BEHAVIOR: The webpage displays the message "Nom, nom, nom."

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

SUMMARY: When the user goes to a rented cats greeting page, the message "Meow! from {name}" is displayed.

DESCRIPTION: When the user goes to the specific name of a cat that is not rented, the cat with the given name will respond with "Meow!". If the cat is rented, then the message "{name} is not here." should be outputted.

REPRODUCTION STEPS:

1. Open "https://cs1632.appspot.com/"
2. Click the Reset link.
3. Click the Rent-A-Cat link.
4. Enter "1" into the input box for the rented cat ID.
5. Press the "Rent" button.
6. Open "https://cs1632.appspot.com/greet-a-cat/Jennyanydots".

EXPECTED BEHAVIOR: The webpage displays the message "Jennyanydots is not here."

OBSERVED BEHAVIOR: The webpage displays the message "Meow! from Jennyanydots."