Testing

Normal/Expected (test cases)	What's Expected	Actual Result
ID = 12345 Filename = cats Title = A cat Owner = Carmen	When submit is pressed, should say submission successful. (valid data given) When write to csv is pressed right after, there should be a messagebox shown saying that the imageinfo.csv is created and has been edited. CSV is written into, with all the values provided.	When submit is pressed, says submission successful. When write to csv is pressed right after, a messagebox shows, saying that the imageinfo.csv is created and has been edited. CSV is written into, with all the values provided.
ID = 23578 Filename = mouse-mice Title = A mouse and many mice Owner = sally	When submit is pressed, should say submission successful. (valid data given, "-" is accepted for filenames) When write to csv is pressed right after, there should be a messagebox shown saying that the imageinfo.csv is created and has been edited. CSV is written into, with all the values provided.	When submit is pressed, should say submission successful. (valid data given) When write to csv is pressed right after, there should be a messagebox shown saying that the imageinfo.csv is created and has been edited. CSV is written into, with all the values provided.
ID = 2341 Filename = mickey_mouse Title = Disney Owner = helen clark	ID accepted. Filename accepted. Title accepted. Owner accepted.	When submit is pressed, the program rejects the value of the filename and tells user to only put "-" if they have to include special characters. I validated it so that the filename only accepts "-", because this is the most commonly used character for filenames (besides alphabetical characters). All other data given is valid.

Boundary (test cases)	What's Expected	Actual Result
Image ID = 123456789032453536 Filename = cakes. Title = cakes Owner = the bakery	Accepts the Image ID. Rejects the filename and tells user to enter in filename again, using only "-" characters if they must. Accepts the title. Accepts the Owner.	Accepts the Image ID. Rejects the filename and tells user to enter in filename again, using only "-" characters if they must. Accepts the title. Accepts the Owner.
Image ID = 0 Filename = cake-s Title = sponge cake and others Owner = bakery-people	Accepts the Image ID. Accepts the filename. Accepts the title. Rejects the Owner name, and tells user to only enter in alphabetical characters	Accepts the Image ID. Accepts the filename. Accepts the title. Rejects the Owner name, and tells user to only enter in alphabetical characters
Image ID = 0.5 Filename = - Title = Nothing interesting Owner = people_peeple!	Accepts the Image ID. Rejects the filename. Accepts the title Rejects the Owner name, because the program doesn't allow special characters, only spaces.	Accepts the Image ID. Accepts the filename (it is valid to name the file with only a "-") Accepts the title Rejects the Owner name, because the program doesn't allow special characters only spaces.

Unexpected (test cases)	What's Expected	Actual Result
Image ID = one Filename = [space] Title = [space] Owner = [space]	Doesn't accept any of the above values. Gives a message saying that the ID has to be integers only, and gives a message saying to put more characters in for either filename, title or owner.	Doesn't accept any of the above values. Gives a message saying that the ID has to be integers only, and gives a message saying to put more characters in for either filename, title or owner.
Image ID = +_[	Doesn't accept any of the values.	Accepts the Filename value, because I

Filename = -_- Title = 12345 Owner = 7Eleven		validated it so that if the filename contains "-" anywhere, it will be accepted even if other characters are used with it. Owner is accepted. Program accepts owner names that have integers, but they must have a special/alphabetical character as well.
Image ID = -12 Filename = fish* Title = hello Owner = 5[space]	Doesn't accept the Image ID. (should be invalid because ID numbers are not negative) Doesn't accept the filename. Accepts the title. Doesn't accept the Owner name.	Doesn't accept the owner name, because integer is not accompanied by a special/alphabetical character. Doesn't accept the Image ID, because it's less than 0 Doesn't accept the filename, because only "-" allowed.

Events

Image Data Entry

Image ID: 0101010
Filename: - .jpg
Title: Nothing interesting
Owner: people_peeple!
Licence (Attribution): Attribution alone
Colour Depth: Grayscale

Validate   Write to CSV

Warning

No special characters in the Owner name.

OK

Image Data Entry

Image ID: one
Filename: .jpg
Title:
Owner:
Licence (Attribution): Attribution alone
Colour Depth: Grayscale

Validate   Write to CSV

Warning

Please put more characters in for either the filename, title or owner.

OK

Image Data Entry

Image ID: 3
Filename: - .jpg
Title: cat1
Owner: 7Eleven
Licence (Attribution): Attribution alone
Colour Depth: Grayscale

Validate   Write to CSV

Image Data Entry

Image ID: -1
Filename: fish- .jpg
Title: hello
Owner: 5 f
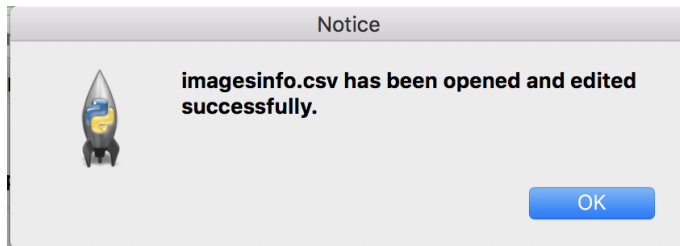Licence (Attribution): Attribution alone
Colour Depth: Grayscale

Validate   Write to CSV

Notice

ID number(s) must be more than 0.

OK

What is this?

Notice

imagesinfo.csv has been opened and edited successfully.

OK

Image Data Entry

Image ID   1

Filename   dog   .jpg

Title   a dog

Owner   7
                                           What is this?

Licence (Attribution)   Attribution alone

Colour Depth   Grayscale

Validate   Write to CSV

Notice

You can include integers in the owner field, however you must accompany them with letters as well.

OK