How to REQUEST data:

Make sure RandomPhotoGenerator.py is running and that the folder FinalPhotos is located in the same folder. Enter "1"

into the Request.txt file. This will prompt RandomPhotoGenerator.py to write a filepath string for a random photo in the

PhotoFilename.txt file and clear the Request.txt file. Each time a "1" is entered into the Request.txt file, a new

filepath string will be generated in the PhotoFilename.txt file.

How to RECEIVE data:

Once a "1" has been entered into the Request.txt file, the filepath string can be read from the PhotoFilename.txt file.

To generate a new filepath for a random photo, enter a "1" into the Request.txt file.

UML Sequence Diagram:

Website

X

Request.txt

X

RandomPhotoGenerator.py

X

PhotoFilename.txt

X

Write “1”

Checks for “1”

random\_photo\_generator()

Reads filepath string