Client Meeting

Date: October 6th, 2021
Attendees: Emily, Josh, Alex, Kyle, Niklas, Joel, Marieke, Zach, Quinn, Rasika
Absent:

Agenda:

- Figure out a mock and or test data set to use
- What is the progress on getting network access for the teams? (likely still waiting as it has been less than a week)
- Has it been decided whether there is a 1 login per team or 1 per person?
    - each have a personal login for the network
    - for where we run it, it can be individual or group
- What is the breakdown of the information given by the DICOM file?
    - name, dob etc.
    - there are quite a few tags attached to each file
    - play around with pi-dicom/py-dicom library
- Would looking at the BI-RAD score, if it's included in the DICOM, potentially help/hinder
- the AI?
    - as theorized, we want to just look at the pixel data and determining based on that. they already have probabilistic matching based on tags. they want to add to that matching based on the pixel data of the images.

Functional requirements:

- Currently no pressing issues

Non-functional requirements:

- What are the memory constraints of the program?
    - specs: depends on how we are using the computer but
        - sheet being sent
- How fast is it going to be expected to return results?
    - no constraint on how fast it is, depends on how large the dataset is.
    - as far as Quinn knows there are no hard limits on how fast it needs to run.
- How should it display results in the console?
    - Output in CSV or excel sheet most likely

Flow:

- read in mismatch input from csv
- get image files
- compare
- return similarity in images (probably in csv format)

Action Items:

- Find open source dataset

- Get access to computers/data
- complete ethics course if we haven’t already