

Team Meeting

Date: Feb 14th, 2022

Attendees:

Nigam Lad
Ben Wilson
Yidu Guo

Absent:

N/A

1. Project

Progress

- This week we continued to work on MongoDB that was implemented within the same docker container as the Orthanc instance
- We are exploring different functionalities MongoDB have in order to implement cross table later on
- We also attempted to have test files that can be uploaded in our Orthanc and capture data to the MongoDB database.
- Another main task this week for us is to set up and create a demo video that will be submitted in place of our usability test like we did last time.

Blocker + Surprises

- One surprise and blocker we encountered this week is that some of our previous build of Orthanc on github lost the ability to transfer DICOM files between modality and middleman. However, no changes have been made to these builds since last peer testing where the transfer function worked perfectly. We are investigating the cause of the issue.

2. Learning Activity

- MongoDB documentation for various functions
- MongoDB Python API documentation

Summary

At the end of this week, we are continuing with our cross table implementation with MongoDB, and exploring various functions MongoDB has to benefit the cross table. We will also allocate some time and resources and investigate the sudden loss of the transfer function between Orthanc modality and middleman.

3. Plan

Tasks for next week:

1. Have most of the database interaction functions ready to be implemented
2. Plan how it will all fit into Orthanc middleman
3. Investigate loss of DICOM transfer function

Learning activity proposed for next week:

1. Research and test MongoDB python API codes

Goals for next milestone:

- ☒ ~~Decide on database configuration~~
- ☐ Integrate database into pipeline