Status Report for Team Phiquest for Week # 4

What were the goals for this week?

1. Create a block diagram that illustrates the data path for a form transaction in DocBridge.io, including the blockchain implementation.
2. Alter the current blockchain implementation to commit a document's initiator, receivers, timestamp, and the document's hash.
3. Implement the existing blockchain explorer into the administration dashboard. This blockchain explorer allows an administrator to search by sender, receiver, document ID, and document hash.
4. Develop a wireframe of the planned administration dashboard that covers the blockchain explorer, transaction log, DocBridge.io metrics, and user/account administration.

What goals were accomplished this week?

1. Create a block diagram that illustrates the data path for a form transaction in DocBridge.io, including the blockchain implementation.
2. Alter the current blockchain implementation to commit a document's initiator, receivers, timestamp, and the document's hash.
3. Develop a wireframe of the planned administration dashboard that covers the blockchain explorer, transaction log, DocBridge.io metrics, and user/account administration.

Reflect critically on any goals not accomplished.

We failed to accomplish goal #3, due to most of our team being busy with midterms and preparing for the design review, we did not have enough time to allocate for goal #3. Another thing to note for the goal itself that we didn't consider in the previous week is that there are additional steps that would need to be implemented before we can implement the blockchain explorer. Currently the blockchain is an individual project, we will have to make changes to the blockchain project so that it works with the server that we have set up instead of its individual server, which is something that needs to be done before being able to implement the blockchain explorer into the administration dashboard.

What are the goals for next week?

1. Make changes to the current blockchain so that it fits with the existing node.js server so that it can hash the array buffer of the pdf to be stored into blocks of the blockchain.
2. Implement the existing blockchain explorer into the administration dashboard. This blockchain explorer allows an administrator to search by sender, receiver, document ID, and document hash.
3. Collaborate as a team to deliver the specification document due on 2/25/2022.

How many hours were spent on each goal noted above?

Allen Cheng – 5 hours on goal 4.
Ethan Wuitschick – 5 hours on goal 1.
Arnaldo Barea – 5 hours on goal 2.