02/23/2022

Meeting Start: 10:00 AM CST

Present:

- **Raven Zucchelli**
- **Abigail Zucchelli**
- **Wasif Siddiqui**
- **Kumail Bukhari**
- **Aiden Nguyen**
- **Cedric Lee**
- **David Eddy**

Notes:

- Discussing lambda
    - How will you update weights?
        - We'll use a json object
    - Should we have a full time drop down?
        - Remains to be answered, we may reduce the weight to not make it as significant
        - Having the json available would be nice so we could turn the weight to 0 without touching the code
    - Calculate first, then push in the lambda function
    - David: document could be in the github as a markdown document for best practice, making a change is much more difficult in the pdf form.
        - Cedric: all documents can be markdown documents
            - Allows flexibility to commit to the document and track history of who updated what
            - Can also use markdown and uml for our charts and diagrams
            - Will have session on friday to push the document into github in markdown language.
                - Will check in code and do pull requests
- Discussing DB
    - Did exactly what was expected
    - Why is there two pages?
        - Software exports twice
    - Id item
        - Exporting table will get confusing because the id is called id in all tables
        - Be as descriptive as you can in placing labels
    - Public wallet address
        - When submitting a referral, user must sign a message with private key
            - SSL Handshake
            - Decrypted with public key to verify identity, this is the handshake
                - Covered in digital signature video
            - Must be done to submit to blockchain
                - Can be done in second iteration
                - First iteration will just be DB and no handshake
            - Referral table in DB would have to store message_signature
            - Will need public key in employer table
                - Add public wallet address in the employer and employee table
        - Timeline
            - 2/25 - 3/30: Infrastructure setup and Development

- Make sure we have access to all components
- Can submit code
- Make sure everything works individually
- Cedric will do walkthroughs of blockchain code
    - How to push to blockchain
    - How to interact with blockchain code
    - Discuss the signature need to post to blockchain
- 3/30 - 4/6: End to end testing
    - Make sure everything works together
- On friday
    - We will discuss blockchain and the requirements
        - We'll discuss the code as well
    - Watch the content provided on blockchain in slack so we can discuss and follow
        - First vid is 26min
        - Second vid is 5min
    - Digital signatures is optional for now

Meeting End: 10:41 AM CST

Next Meeting: 02/25/2022 @ 4:00 PM CST