

03/23/2022

Meeting Start: 10:01 AM CST

Present:

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

Notes:

- **Cost Presentation by Aiden**
 - Most of the cost has been due to ECC and the cost from cloud watch was an accident from the tutorial
 - On ECC we had accidentally 17 regions, but thankfully have found out how to turn off most of the regions so we should be on East (N. Virginia) only
 - Prediction is we should have plenty of hours
 - We accumulated so many hours because we accidentally deployed regions to other regions
 - Feedback:
 - Keeping it just on US East the compute time is just pennies
 - Only need one region for now, no redundancy needed at this point
 - The current numbers with all regions shows a great peak globally
 - So it will cost \$6.70 for a month
- **Demo**
 - For the demo we have docker container going and the website
 - Showing the entering of information on the website and mentioning how its interacting with the block chain
 - Feedback:
 - Down the line we will make it user friendly
 - Got some positive feedback
 - Dummy data , which we are assuming there is a registration
 - The individual would be shown how to do the public key so they can maintain it
 - So when we resubmit the transaction are you resubmitting the message signature?
 - Its already there when verifying
 - For the message verification do not need to interact with blockchain, just bitcoin core
 - For simple message verification you could just do the bitcoin in the code
- **Next step of the project**
 - Finish first phase and then do the demo, a presentation
 - Then we will have a phase two, where we add another feature
 - Top secret what it will be
 - It will be a small change, small feature that we can do in allotted time
 - What would you add for the next phase?
 - One of the first things is just registration project
 - Demoing might be with board members or clients
- **When you set up for deploying the blockchain in the AWS console you can tell it to what region to set up**

- Next big piece is end to end and documentation
 - How would the users document
 - Give users a URL and this is the info you need and how to use it
 - Pricing should be included for documentation
 - First tell them how to generate public key and register
 - Use dummy data to show pre registered users
 - Show the message
 - Put this in github
 - Users might not have word
 - But putting it in github its a webpage that everyone has the same view
 - Use readme, markdown, uml
 - Will put under doc in Reputation-Index Github
 - And have a ReadMe.txt
- We are ahead of schedule
- For the demo
 - When showing the transaction to the block chain
 - It is all hex encoded, so it would be nice to show it decoded to show that it is actually on the block chain
- One of the big problems with the block chain in this type of architecture is that data is stored in memory
 - So empty when its been shutdown
 - Probably not the feature would add
 - Started with it because its easy and simple
 - Amazon has manage block chain service
 - If you want to continue going above and beyond is saying thoughts on that
 - Think about how it does or does not fit with the project
 - It will probably stop using it at scale
 - If we had a replay feature current might be useable, its an option
 - Message signature should be saved in the database
- By Friday:
 - Post on Reputation-Index Github under Doc:
 - Documentation
 - Include pricing so customers know the cost
 - User guide
 - Moving project to AWS
 - Think of other ideas/features for the project next phase
 - Look into AWS Blockchain manager and think how it would fit our project

Meeting End: 10:55 AM CST