I am proposing a code for both speech recognition and face recognition that will be stored in the first block (genesis block ) this block is the parent block for all blocks in a chain . In this block a face of the user and specific phrases will be stored . As soon as the user try to process any transactions , a block will not be assigned any hashing numbers until the user authenticated using the parent block that will always be added to the first chain of any given transactions . This has not be done before and will definitely result in secure and fasting system that will one day surpass Visa

**From:** Alqahtani, Abdulrahman <Abdulrahman.Alqahtani@rockets.utoledo.edu>   
**Sent:** Wednesday, July 1, 2020 9:46 AM  
**To:** Evans, William T. <WILLIAM.EVANS@utoledo.edu>  
**Subject:** Re: defense question

Blockchain technology is still lacks huge security and scalability Issues due to various factors such as the complex algorithms used (sha-256(  proof of work, Proof of stake + cryptomining)) and the size of the block In a cabin being 1 MB. 1 MB block takes approximately 10 minutes to be validate and Added the applicable chain . Blockchain can only process 7 tps where Visa process over 1700 tsp. Many companies would like to adopt this technology but its performance is always the main focus of discussion . If the technology start adopting machine learning as a way to validate and authenticate user using the openface library in their system , this will definitely speed up the process .Openface recognition has accuracy of 92% of that of the humans recognition system .Speech recognition and machine learning is Being used in the market already by being corporates such as Apple and chase bank. Another way to enhance the performance is by maximizing the black size to 4 MB .

I will send you my thesis on the weekend . I just still to fix the table of content and add my cover page .

Thank you so much

On Jul 1, 2020, at 9:26 AM, Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)> wrote:

﻿

And how you tie these programs together in a unique way.

wte

**From:** Alqahtani, Abdulrahman <[Abdulrahman.Alqahtani@rockets.utoledo.edu](mailto:Abdulrahman.Alqahtani@rockets.utoledo.edu)>   
**Sent:** Wednesday, July 1, 2020 9:22 AM  
**To:** Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)>  
**Subject:** Re: defense question

I have codes , proof of work , and face recognition algorithms as well as speech recognition.

Regards,

Sent from my iPhone

On Jul 1, 2020, at 9:20 AM, Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)> wrote:

﻿

No. You can be anywhere.

I am reviewing your paper and still have the question as to what was/is your contribution?  I would like to see some code/flow chart/proof of work that demonstrates your actual work in the field as opposed to simply a literature review.  A literature review is not enough for a MS Thesis.

wte

**From:** Alqahtani, Abdulrahman <[Abdulrahman.Alqahtani@rockets.utoledo.edu](mailto:Abdulrahman.Alqahtani@rockets.utoledo.edu)>   
**Sent:** Wednesday, July 1, 2020 9:17 AM  
**To:** Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)>  
**Subject:** Re: defense question

Dear Dr. Evans,

I am not in the Ohio anymore and I was under the impression that my defense will take place via WebEx meeting since campus is closed and won’t be open until August. I am just little confused when you said the room . I don’t have to be on campus physically ? Is that correct?

Thank you so much ,

On Jul 1, 2020, at 8:48 AM, Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)> wrote:

﻿

I am ok with July 24.  The defense is as you stated about 30 minutes of powerpoint and then 30 minutes of questions after which you leave the room while the committee discusses the project’s merits.

wte

**From:** Alqahtani, Abdulrahman <[Abdulrahman.Alqahtani@rockets.utoledo.edu](mailto:Abdulrahman.Alqahtani@rockets.utoledo.edu)>   
**Sent:** Tuesday, June 30, 2020 12:10 PM  
**To:** Evans, William T. <[WILLIAM.EVANS@utoledo.edu](mailto:WILLIAM.EVANS@utoledo.edu)>  
**Subject:** defense question

Dear Dr. Evans,

I hope this email finds you well,

I would like to ask you if you are okay with my defense being on July 24th. I have asked the other committee members that is Dr. Brahaney and Dr. Oluoch and both of them are okay with July 24th. Also, Would you like me to submit any additional papers before my defense? I am aware of the defense procedure and I have created a PPT of my thesis work which is about 100 pages. Nevertheless, I am not so sure on how long my PPT should be? I asked my some of the graduate students who had their defense over the summer and I was told that there defense was less than 30 minutes. I would like to know from you beforehand so I can prepare my PPT accordingly. Thank you and I look forward to hearing back from you.