PROJECT UPDATE MEETING

Location: University of the Witwatersrand, Chamber of Mines Building

Date: 16 August 2019

Time: 12:00

Facilitator: Prof. F Takawira

Agenda Items & Discussion Points

1. With the implementation of the project near completion, this meeting is to bring Prof. Takawira up to date with the implementation and the look of the results.

2. Prof. Takawira looked into the way the image was being encoded and compressed and questioned whether the way our Run-length encoding scheme was actually compressing the image or not.

3. A suggestion was given on encoding the image so that the current run-length algorithm can be changed to ensure compression is seen. The reason being is that the current algorithm sends the values and count of those respective values through the channel.

4. The fractal compression technique may cause unnecessary stress in implementing now, if we decide, we can use an already implemented method that can be found on MATLAB's File Exchange.

5. The code needs to be completed by next week's meeting so that we can discuss with Prof. Takawira what we will present on Open Day: on the poster, on the computer as a live demonstration and results for the final report.

Action Items	Owner(s)	Deadline	Status
Find images online to test the program	Kishan Narotam & Nitesh Nana	19 August 2019	In Progress
Test the program using the various images using different methods.	Kishan Narotam & Nitesh Nana	21 August 2019	In Progress
Begin design on the poster for Open Day	Kishan Narotam & Nitesh Nana	26 August 2019	Needs to be started
Test and verify the run-length encoder used	Kishan Narotam & Nitesh Nana	18 August 2019	In Progress