

The *eleventh* Master of Computing and innovation Group Project weekly meeting will be held in **Room 464** at **3.00pm on Tuesday 15 May 2018**.

Meeting minutes on 15th May

Attendance: Zheng Xu, Junjie Guo

1 Apologies

None

2 Progress

We have downloaded the dataset DRAPA 98 but not yet train the data to model. We find the dataset include some missing values in one data input, but our system cannot handle it. In addition, we have change some parameters to achieve the best results and still working on it.

2.1 Findings

1. Adjust the Gain to get average Gain (divide 41) we could acquire a higher accuracy but a higher false positive rate.

Answer: It is more precise than before. We will keep on adjusting the algorithm.

2. Normal/Attack in one paper (but we declare the wrong attack type will not calculate the wrong one although it is an attack).

Answer: Our system could detect the type is attack or normal that may increase the accuracy.

No need to fit the specific types of attack.

2.2 About the next steps

1. Using Hadoop commands on virtual machine to run our system.

Answer: Implement it on virtual machine with Hadoop.

2. Run the program with DRAPA dataset.

Answer: Modify the code first because the structure is different.

3. Calculate the alert ranking to improve the security.

Answer: Read some relevant paper first.

4. Design a GUI for different modules to operate.

Answer: For demonstration.

5. Final presentation.

Note: Next meeting to be held on 22 May 2018.