Meeting Agenda
Prepared by
Siqi Sun/Fan Zhang

Client: Yongzheng Xie
Meeting time: 13/05/2021
Attending: Fan Zhang, David Wu, Tianlei Qi, Siqi Sun
Minute taker: David Wu
Meeting duration:45 mins

Agenda content

Gantt Chart Demonstration

1. Show the Gantt chart and demonstrate the current progress (10 mins)-David Wu and Siqi Sun

Data preprocessing steps

1. Unzip the data provided from the paper related github repository.

2. Show clients how the CodeSensor to parse functions to ASTs in serialised format (5 mins)- Fan Zhang

3. Show the challenge we encountered when using CodeSensor and how Tianlei Qi fixed this. (5 mins)- Tianlei Qi

4. ProcessRawASTs_DFT.py: converts the serialized ASTs to textual vectors, and show examples(5 mins) - Tianlei Qi

5. BlurProjectSpecific.py: converts the textual vectors to numeric vectors which can be used as the input of ML algorithms and show examples(5 mins)-Fan Zhang

Data training steps

1. LSTM.py: refact the input file of the Data preprocessing results and make this LSTM.py runnable ATM(current process)

Feedback

1. Get feedback from clients and discuss our next step.(15 mins)

2. Make sure we are in the right direction.

Future Plan for next two weeks

1. Dig more code details to understand its output (how it works and what algorithm he used to get the trained model)

2. Collect new data by utilising the function extraction tool provided by this project and cross compare the results and accuracy.