Sponsor Meeting 3

Date/Time 7th February 2018, 8pm to 9pm

Venue pH7 Office

Team Attendees Kevin Chong, Lim Yan Ling, Tee Yu Xuan

Sponsor Attendees Calvin Chan

Agenda:
1. Update progress

S/N	Note/Task	Actor	Follow-up Action
1.	• Yu Xuan explained that Yan Ling and him are doing data exploratory. • Using 5 pairs of currency pairs: Chf,Cad, Gbp, Eur, Jpy, all pairs with USD • There is significant clustering between the currency pairs of USDJPY and EURUSD closing price Standard deviation • But R square is only 0.3 for USDJPY and EURUSD. Show little correlation. • We will use min data to see if same model is applied. • Build a model based on 1 month data may not be accurate. Hence, we are doing base on daily then monthly data • We looked into papers prof suggested. We tried on python. Dynamic time mopping. Shows 2 time series data sets. • Will tell us how similar/ difference the currency pair. When u put in time factor, shift around data set to find similarities • Changes in one currency pair will not be reflected in other currency pair immediately. Need time to change. This machine algorithm will tell us whether the changes are significant. Can build a predictor • We wanted to focus on R but we could not access it on R, hence using python. • Still exploring R, current direction is python.		
2.	Client's comments/questions:		

	• Any research papers that are relevant from finance side. Such as correlations • Kevin shared a paper on forecasting. • Client is satisfied with progress and would like an update in 2 weeks.	All	Continue with work plan