Singapore Management University
ANLY482 Analytics Practicum

Internal Minutes 8 as on 13th March 2017

Time Start:	3.45pm
Time End:	4.30pm
Location:	SOE/SOSS GSR 2-15
Recorded by:	Tan Yong Kiong, Alson
Vetted By:	Heng Kok Chin

Attendees:	
Heng Kok Chin	Undergraduate, Singapore Management University
Peh Zhan Hao	Undergraduate, Singapore Management University
Tan Yong Kiong, Alson	Undergraduate, Singapore Management University

Agenda
1. **Discussion of R Shiny Application**
2. **Discussion of Conference Paper**
3. **Next Meeting Agenda Items**

No.	Discussion:	Action by:	Deadline:
A	**Discussion of R Shiny Application**		
	• Kok Chin developed the first version of our R Shiny application. We discussed about the value of the application and whether it fits the needs of our project sponsor. • Zhan Hao pointed out that the input variables should only include the Secondary 2 English, Mathematics and Science scores which are significant, following our multivariate analysis. We concluded that the input variables would only consist of those variables.	Edufy	15 Mar 2017 (Wed)
B	**Discussion of Conference Paper**		
	• Zhan Hao clarified some of the challenges he faced in writing the conference paper (e.g. unsure of what graphs to show and what are the necessary analysis to include in the paper). • Discussed about the structure of our conference paper and the things that needs to be done moving forward.	Edufy	15 Mar 2017 (Wed)
C	**Submission for both School and Sponsor**		

	• Project Sponsor
	   1. Analysis for socio-economic factors
	• CCA groups
	• Parents' occupation/marital status
	• Gender
	• Race
	• SES
	   2. Panel Data Analysis
	   3. R Shiny App
	   4. PowerPoint Slides
		Edufy	15 Mar 2017 (Wed)

	• Arrange meeting
	• Ask for data
	• For 1, Alson will complete by 15 Mar, put into ppt
	• For 2, Alson will complete by 17 Mar, put into ppt
	• For 3, ZH + KC 15 Mar Wed (decide whether to do it)
	• We will firm up the general items (background information, literature review)
	• We need to do more literature review on monte carlo simulation
	• Final Deliverables
	   1. Conference Paper & Abstract
	• Prescriptive Analytics
	     ○ Cleaning/Feature Engineering
	     ○ Monte Carlo
	     ○ Iterations/Design Considerations
	     ○ Literature Review ZH 15 Mar (Wed)		

D	**Next Meeting Agenda Items**		
	• Sharing of findings for new student variables (CCA, parents' occupation, parents' marital status, gender, race) • Review of conference paper and further development of the R shiny application • Preparation of Presentation Slides	Alson Edufy Edufy	15 Mar 2017 (Wed)