PSDA PROJECT 1 PROPOSAL
Due: SUNDAY - 4ᵗʰ APRIL 2021 (5.00pm) via e-Learning

GROUP NAME: <u>OverHaul Team</u>

LIST OF MEMBERS

Name	Matric No.
1. SHAHRIL BIN SAIFUL BAHRI	**A20EC0144**
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Proposed Topic	**ANALYZING STUDENT'S PRE-COVID AND POST-COVID DAILY ACTIVITY AND ITS EFFECT ON THEIR ACADEMIC PERFORMANCE**
Proposed Population	**All UTM Student**
Proposed Sample	**All UTM Student In Year 2, 3 And 4**
Proposed Definition	**Pre-covid = Sem 1 Session 2019/2020** **Post-covid 1 = Sem 2 Session 2019/2020** **Post-covid 2 = Sem 1 Session 2020/2021**

LIST OF POSSIBLE QUESTIONS
Please make sure you include all Level of Measurement types

No	Questions	Answers	Level of Measurement	Suggestion Input Type
General Question				
1	Gender	Male / Female	Nominal	Multiple choice selection
2	Age	Metric value	Ratio	
3	Year	Metric value	Ratio	Multiple choice selection
4	Faculty	Engineering, Social Science, etc...	Nominal	Multiple choice selection
5	Program	SECBH, etc...	Nominal	User Input
6	State (Malaysia, International)	Johor, Selangor, etc...	Nominal	User Input
7	Pre-Covid CGPA	Metric value	Ratio	User input
8	Post-Covid CGPA 1	Metric value	Ratio	User input
9	Post-Covid CGPA 2	Metric value	Ratio	User input
10	Preference (Study Method, Internet Provider)	Google Meet, Skype...	Nominal	Multiple choice selection
Pre Covid				
1	Hours student spend for studying	Metric value	Ratio	User input
2	Internet connection speed	Metric value	Ratio	User input

3	Data spend on online study per month	Metric value	Ratio	User input
4	Cost spend for study per month	Metric value	Ratio	User input
5	Hours spend for housework/social media/ personal/hobby per day	Metric value	Ratio	User input
6	How is your mental health during this pandemic	Very bad, Bad, Neutral, Good, Very Good	Ordinal	Multiple choice selection
7	Reason for your mental health deteriorating	Study Environment, Technical Problem (PC,Laptop, etc..), Teaching method	Nominal	Paragraph
8	The best solution to help improve your academic	Improve internet connection, new teaching methods, etc..	Nominal	Paragraph
Post Covid				
1	Hours student spend for studying	Metric value	Ratio	User input
2	Internet connection speed	Metric value	Ratio	User input
3	Data spend on online study per month	Metric value	Ratio	User input
4	Cost spend for study per month	Metric value	Ratio	User input
5	Hours spend for housework/social media/ personal/hobby per day	Metric value	Ratio	User input
6	How is your mental health during this pandemic	Very bad, Bad, Neutral, Good, Very Good	Ordinal	Multiple choice selection
7	Reason for your mental health deteriorating	Study Environment, Technical Problem (PC,Laptop, etc..), Teaching method	Nominal	Paragraph
8	The best solution to help improve your academic	Improve internet connection, new teaching methods, etc..	Nominal	Paragraph

please add more possible questions (min: 15 questions)

LIST OF POSSIBLE ANALYSIS

These are examples, please remove and add your own

	Analysis
1	Comparison between student academic performance pre-covid and post-covid
2	Analyzing for faculty that being affected and impact due covid and possible reason
3	Comparison between student academic performance in personal study and group study
4	Comparison between student academic effectively in study base online and offline method
5	Comparison between student expense fee and academic performance in online and offline study
6	Preferences of choice for student in learning activity (Online or Offline)
7	Comparison between student study space during online and offline learning.
8	Factors that Influence Student Participation in Online Learning
9	Comparison between student performance between student daily activity

*please add more possible analysis