

9<sup>th</sup> Feb 2023

See Distribution

**MINUTES OF 01/2022 VISUAL ANALYTICS AND APPLICATIONS  
(VAA) GROUP PROJECT MEETING HELD ON 09 FEB 2023**

**Present:**

Shi Chee Liang	Team Member
Srivatsan Madapuzi Srinivasan	Team Member
Siddharth Singh	Team Member

**In Attendance:**

Nil

**Absent with Apologies:**

Nil

**ACTION**  
**BY**

**OPENING**

1. The meeting commenced at 2340 hrs.

**ITEM 1 – CONFIRMATION OF MINUTES**

2. Follow Up item. There were no prior minutes or follow up items.

**ITEM 2 – DISCUSSION AND SELECTION OF TOPIC FOR VAA GROUP PROJECT**

3. This item sought to select a topic to proceed for the VAA group project.
4. Aligning expectations. Team Member, Shi started the meeting by asking everybody to voice their concerns and expectations for the project. All members shared that they are all taking 4 modules this semester and agreed that any the scope of the project should not be too ambitious for the workload to be balanced with other commitments. Team Member, Shi also reminded the team that the focus of the project is on visual analytics and hence the topic chosen should allow us to explore and showcase various forms of interactive visuals.

5. Confirmation of deliverables. The team also confirmed that the deliverables for the project are as follows:

- a. Quarto Project page on Netlify
- b. R Shiny App on Shiny.io
- c. User Guide
- d. Poster
- e. Any codes used (repository to be confirmed)

6. Topic 1. Team Member, Shi shared his idea of studying the impact of COVID policies on opening and closure of business in various industries. He suggested to explore which industries had been most impacted by COVID measures and which industries had already been in a downward trend but further accelerated by the COVID situation. He opined that there could be various way to visualise the data across industries and time.

7. Topic 2. Team Member, Siddharth shared his preferred topic which was a Zindi challenge on Zindi New User Engagement Prediction. It aims to predict whether new Zindi users will continue to be active on the platform in the 2<sup>nd</sup> month. Team Member Shi voiced his concern that the topic is very focused on predictions and that there would be less opportunities for interactive visualisations.

8. Topic 3. Team Member, Srivatsan shared on his ideas for doing a data science project on sports. He shared that there are multiple sports related challenges on Kaggle or other similar data science websites. He opined that sports have a lot of scope for various types of visualisations. Team Member, Sidharth voiced his concerns that sports may not be easily understood by everybody and hence might not be a suitable project.

9. Topic 4. Team Member, Siddharth went on to remark that something like movies which is arguably watched by everybody would be a better idea. Team Member, Srivatsan agreed and further suggested that the team could possibly explore the trends in the movie industry given that it has changed alot in the past 10 years with the advent of Over-the-Top (OTT) services as well as COVID control measures around the world. Team Member, Shi agreed that it's an interesting topic with a lot of scope for various interactive visualisations.

10. Selection. The team agreed that movies would be a great idea for the project and proceeded to discuss on what might be needed for this topic.

### **ITEM 3 – REQUIREMENTS FOR SELECTED TOPIC – ANALYSIS ON MOVIE INDUSTRY TRENDS**

11. Outdated data. Both Team Member, Srivatsan and Team Member, Shi noted that the movie dataset found in Kaggle is too old to be useful. The data set was dated 2016, however a lot of the changes to the movie industry happened within the ballpark of the last 5 years. Hence it was agreed that the team should search for more recent datasets.

12. Type of data required. The team agreed that the following data are required for our project.

- a. Box Office Earnings (alternate is viewership data if possible)
- b. Earnings from other physical media
- c. OTT subscription growth rate
- d. Data should ideally span various genres over the past 20 years.

13. The team also concluded that while the topic was interesting, we currently do not have the data set required to achieve the intended outcomes currently.

### **ITEM 4 – IMMEDIATE ALLOCATION OF WORK ON PROPOSAL**

14. The team agreed that all members should try and search for data sets, especially data sets that are more recent before reconvening to decide on the viability of this project.

All

15. Team member, Shi would draft the minutes for the 1<sup>st</sup> meeting and share it for vetting by the next meeting date.

### **CONCLUSION**

**ACTION**  
**BY**

16. With no other matters, the meeting concluded at on 9<sup>th</sup> Feb, 0045hrs.

17. The next meeting would convene on 09<sup>th</sup> Feb 23.

Recorded by : Shi Chee Liang, Team Member

**Distribution:**

Shi Chee Liang, Team Member

Srivatsan Madapuzi Srinivasan, Team Member

Siddharth Singh, Team Member