

13<sup>th</sup> Mar 2023

See Distribution

**MINUTES OF 04/2023 VISUAL ANALYTICS AND APPLICATIONS  
(VAA) GROUP PROJECT MEETING HELD ON 13 MAR 2023**

**Present:**

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

**In Attendance:**

Nil

**Absent with Apologies:**

Nil

|   | <b><u>ACTION<br/>BY</u></b> |
|---|-----------------------------|
| <b>OPENING</b>  |                             |
| 1. The meeting commenced at 1600 hrs.   |                             |
| <b>ITEM 1 – CONFIRMATION OF MINUTES</b>   |                             |
| 2. <u>Follow Up item.</u> Nil   |                             |
| <b>ITEM 2 – UPDATE ON PROGRESS</b>  |                             |
| 3. This item sought to updated each other on the work completed thus far.   |                             |
| 4. Team Member, Siddharth updated that he had already established the skeleton of the Shiny app. Pending codes to test the layout.                                      |                             |
| 5. Team Member, Shi updated that he had came up with some codes for the EDA portion and that Siddharth can start to try integrating the codes into the Shiny framework. |                             |
| 6. Team Member, Sriva updated that he was working on some ideas for the analysis portion.   |                             |

|  | <b><u>ACTION</u></b><br><b><u>BY</u></b> |
|--|--|
| <p>7. In general, the team agreed that the progress needs to speed up</p> <p>8. It was also agreed that the team drops the comparison of OTT vs Movie Demand.</p>  |  |
| <b>ITEM 3 – DISCUSSION ON ANALYSIS AND PREDICTION</b>  |  |
| <p>9. This item sought to agree on what the exploratory analysis and prediction will cover.</p> <ul style="list-style-type: none"> <li>a. To check for correlation between the features of the dataset <ul style="list-style-type: none"> <li>i. Should try to include as much features as possible</li> <li>ii. It was anticipated that the biggest challenge would be the incorporation of the categorical features in the data set.</li> </ul> </li> <li>b. It was briefly discussed in what form we might visualise the correlation. It could be in the form of trellis display for all the different correlation between variables, or we could just focus on the few features.</li> <li>c. To predict the revenue based on a set of given features. For example, budget, genres, actors, budget houses <ul style="list-style-type: none"> <li>i. The shiny app should be able to allow the users to select genres and key in a budget, together with desired actors and production houses.</li> </ul> </li> <li>d. It was also briefly discussed that seasonality of the movies can be analysed, meaning if there is a specific month that certain movies would be more popular at the box office.</li> </ul> <p>10. <u>Confirmation</u>. The team agreed on the outline of the analysis and prediction.</p> |  |
| <b>ITEM 4 – ALLOCATION OF IMMEDIATE WORKS</b>  |  |
| <p>11. This item sought to confirm the allocation of immediate works</p> <p>12. It was agreed that:</p> <ul style="list-style-type: none"> <li>a. Team Member, Siddharth would continue to work on the integration of visualisation into the shiny framework.</li> </ul>   |  |

|  | <b><u>ACTION</u></b><br><b><u>BY</u></b> |
|--|--|
| b. Team Member, Shi and Team Member, Srivatsan would work on developing the codes and visualisation for analysis and prediction.   |  |
| <b>CONCLUSION</b>  |  |
| 13. With no other matters, the meeting concluded at on 13 <sup>th</sup> Mar, 1900hrs.  |  |
| 14. The group agreed that they would need to work on projects from other modules the next 2 weeks and hence would meet later. The next meeting would convene on 28 <sup>th</sup> Mar 23. |  |

Recorded by : Shi Chee Liang, Team Member

Distribution:

Shi Chee Liang, Team Member

Srivatsan Madapuzi Srinivasan, Team Member

Siddharth Singh, Team Member