**SCHOOL OF COMPUTING**

**ST1502 Data Visualisation**

**Self-Reflection (CA1)**

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| **Instructions:**   1. Submit this together with your other deliverables at Blackboard “Assignments->CA1” folder 2. Name your file “YourStudentID-YourName.docx” |

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| **Your Student ID** | 1922264 |
| **Your Class** | DIT/FT/1B/11 |

# QUESTION 1: CHALLENGES - SELF-REFLECTION FOR CA1

Provide a brief reflection of the challenges you have faced in this assignment (CA1).

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| I faced both technical and mental challenges while doing this assignment. This is as it was difficult trying to think of the business objectives originally. This assignment was also difficult as the data was quite messy to begin with. This caused me to spend quite a chunk of time, cleaning and extracting other features from the data. The assignment was also challenging as it was hard trying to get the type of visualizations I wanted in tableau, such as stacked area line graph and the boxplot I wanted. Lastly, trying to fit all of the insights and dashboards into the slides was hard. |

# QUESTION 2: ACHIEVEMENTS - SELF-REFLECTION FOR CA1

Provide a brief reflection of what you think you have personally achieved in this assignment. This is the place for you to impress upon your tutor on your competency in this area.

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| I felt I managed to complete quite a lot in this assignment. The objectives I came out with were actually from a developer/company standpoint, where they could decide how they would want their game to have a higher chance of being ‘successful’. I also felt that cleaning and extracting other features from the dataset in pandas was another thing I accomplished in this assignment.  I also felt the visualizations I made in tableau, backed up the insights and conclusions I had quite well. The visualizations not only showed me how some factors could affect a game’s success, but it also led me to other conclusions and insights. An example would be the price type affect an active player base. As the price type did affect the chance of a game having an active player base, maybe the age rating would as well. These were the questions that lead me to my conclusion and insights in the end. |

# State all the library resources you refer to for CA1. Example Tableau training materials, data sources and etc.

State all library resources for data sets, Tableau training videos, lecture notes and etc.

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| I used python, jupyter notebook, pandas to do most of the cleaning, complex data manipulation and extracting complex features from the dataset, not possible in tableau.  I also sourced the internet for Exploratory Data Analysis done on similar datasets such as the google play store to get inspiration as for what I could look for and do for this app store dataset.  An example would be [this](https://www.kaggle.com/danilodiogo/google-play-store-eda-plotting-with-highcharts) from Kaggle.  I also looked online as to what type of visualizations works best for what insight I am trying to look for. |

# QUESTION 3: EVALUATE YOUR CA1

What grade do you think you deserve for CA1? Justify the grade you gave yourself with reasons.

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| What grade do you think you deserve for CA1?  B+/A  State your justifications here  I think I managed to fulfil the requirements of the assignment with the Appstore 17K dataset. I think I answered my business objectives quite well and shown visualizations that backed it up. However, I think I could improve on the assignment if I had more data such as number of active users/total revenue generated. This way I could come up with more business objectives and answer my current business objectives better. |

**-- End of Self-Reflection --**