**1. Student bi-weekly performance summary**

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| Adm. No. | Name | No. of hours present | Progress1 | Remarks |
| 1. 2214449 | Tan Wen Tao Bryan | 8 | A | - |
| 2. 2214452 | Ryan Yeo | 8 | A | - |
| 3. 2201861 | Zachary Leong Yao Jie | 8 | A | - |
| 4. 2214241 | Ethan Jedidiah Pang Kin Fong | 8 | A | - |

1 State whether: A=On Schedule B=Ahead Schedule for no. of days C=Behind Schedule for no. of days

**2. Weekly Scrum**

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| Week No: 5-6 Date: 06/02/2024 | |
| Member Name 1: | **Tan Wen Tao Bryan** |
| Last week’s Progress | * Hyperparameter Tuning   + Perform hyperparameter tuning for random forest classifier, XGBoost and Gradient Boosting   + Monitor the model and metrics using MLFlow * Update Biweekly Scrum Report   + Update the Biweekly Scrum Report to add the tasks completed and current deliverables for the week   + Identified the potential obstacles that may impede the progress for current deliverables |
| This week deliverables | * Write Project Report   + Wrote the report on section 1 about the Project Objective   + Wrote Section 2 on the Background Research and Business Objective using the CRISP-DM framework * Slides   + Researched online for a suitable slide template |
| Obstacles | * Try to understand what to write in the project report * Balancing doing this and the other assignments |
| Member Name 2: | **Ryan Yeo** |
| Last week’s Progress | * Design GUI   + Build GUI with tkinter with theme using tcl files   + Allow switching of themes   + Design input and layout for GUI   + Allow export of results as csv file * Update Biweekly Scrum Report   + Update the Biweekly Scrum Report to add the tasks completed and current deliverables for the week   + Identified the potential obstacles that may impede the progress for current deliverables |
| This week deliverables | * Write Project Report   + Wrote the section on Handling Imbalanced Classes and High-Dimensional Outliers Handling * Slides   + Edited the section of the slides regarding handling Imbalanced Classes and High-Dimensional Outliers Handling |
| Obstacles | * Try to understand what to write in the project report |
| Member Name 3: | **Zachary Leong Yao Jie** |
| Last week’s Progress | * Design GUI   + Preprocess input before feeding it into the model   + Coded out section on batch input   + Allow for different models based on user * Update Biweekly Scrum Report   + Update the Biweekly Scrum Report to add the tasks completed and current deliverables for the week   + Identified the potential obstacles that may impede the progress for current deliverables |
| This week deliverables | * Write Project Report   + Wrote the section on Model Development & Evaluation and Model Optimization * Slides   + Edited the section of the slides regarding the Model Optimization |
| Obstacles | * None |
| Member Name 4: | **Ethan Jedidiah Pang Kin Fong** |
| Last week’s Progress | * Export the model   + Export the model as a pickle file   + Zip the model with gzip to reduce its size |
| This week deliverables | * Write Project Report   + Wrote the section on MLFlow and Model Deployment * Slides   + Edited the section of the slides on MLFlow and Model Deployment |
| Obstacles | * None |