**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: 3-4 Date: 23/01/2024 | |
| Member Name 1: | **Tan Wen Tao Bryan** |
| Last week’s Progress | * Scalable Machine Learning and Optimization   + Use Dask for scalable computations for faster computation * Use of Imbalanced Pipeline   + Streamline the machine learning process by compiling the preparation and transformation steps   + Adjust class weights to support class imbalance |
| This week deliverables | * Train a few models using the pipeline for model selection phase * Plot the scores for different models based on different metrics * 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 |
| Obstacles | * Had trouble figuring out the syntax for Dask since it differed from Pandas dataframe |
| Member Name 2: | **Ryan Yeo** |
| Last week’s Progress | * Scalable Machine Learning and Optimization   + Use Dask for scalable computations for faster computation * Use of Imbalanced Pipeline   + Streamline the machine learning process by compiling the preparation and transformation steps   + Adjust class weights to support class imbalance |
| This week deliverables | * 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 * Train a few models using the pipeline for model selection phase * Plot the scores for different models based on different metrics |
| Obstacles | * Had trouble figuring out the syntax for Dask since it differed from Pandas dataframe |
| Member Name 3: | **Zachary Leong Yao Jie** |
| Last week’s Progress | * Classification Metrics   + Research on the suitable different classification metrics to use   + Implement classifiation metrics to use for model selection * Model Selection   + Train a few models to find the best model |
| This week deliverables | * 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 * Documentation   + Came up with observations for the plots from EDA in jupyter notebook |
| Obstacles | * Spent a long time before finding out about F2 as a suitable metric |
| Member Name 4: | **Ethan Jedidiah Pang Kin Fong** |
| Last week’s Progress | * Classification Metrics   + Research on the suitable different classification metrics to use   + Implement classifiation metrics to use for model selection * Model Selection   + Train a few models to find the best modelLoaded the data from SQL database into a jupyter notebook with SQLAlchemy |
| This week deliverables | * 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 * Documentation   + Came up with observations for the plots from EDA in jupyter notebook * Hyperparameter Tuning for selected models   + Figure out which hyperparameters to tune for the selected models   + Plan out which values to test so that it does not take too long computationally |
| Obstacles | * None |