**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: 1-2 Date: 09/01/2024 | |
| Member Name 1: | **Tan Wen Tao Bryan** |
| Last week’s Progress | * Re-code CA1 codes   + Change to KNNimputer to impute values * Feature Selection (DecisionTree and Feature Importance) |
| 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 * Handles Outliers (Elliptical Envelope & Local Outlier Factor) * Handle Imbalanced Classes (Hybrid Method & SMOTE) |
| Obstacles | * Struggling with doing this assignment and other assignments |
| Member Name 2: | **Ryan Yeo** |
| Last week’s Progress | * Preprocess the data * Aggregate the data |
| 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 * Handle Outliers (Isolation Forest) * Handle Imbalanced Classes (Boosting Models) |
| Obstacles |  |
| Member Name 3: | **Zachary Leong Yao Jie** |
| Last week’s Progress | * Feature Engineering (G-Force + rate of unsafety labels) |
| 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 * Handle Outliers (One-Class SVM) * Handle Imbalanced Classes (Weight Adjustment) |
| Obstacles |  |
| Member Name 4: | **Ethan Jedidiah Pang Kin Fong** |
| Last week’s Progress | * Data Understanding (Read hdf in chunksize) |
| 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 * Handle Imbalanced Classes (Oversampling & Undersampling) |
| Obstacles |  |