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

| Adm. No. | Name | No. of hours present | Progress1 | Remarks |
| --- | --- | --- | --- | --- |
| 1. 2214449 | Tan Wen Tao Bryan | 8 | A | - |
| 2. 2214452 | Ryan Yeo | 4 | A | Sick on week 2 |
| 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**

| Week No: 1-2 Date: 29/10/2023 | |
| --- | --- |
| Member Name 1: | **Tan Wen Tao Bryan** |
| Last week’s Progress | * User Stories: Administrator   + Created one story on API/Security for managing roles and permissions   + Created another story on SQL and establishing data storage with regular data backups * 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 * Finalizing Project plan (Risk Assessment)   + Came up with the possible risks associated with the projects such as lack of manpower and time |
| This week deliverables | * Obtain a better understanding of different sensor statistics   + Find articles from different sources and read up on what each sensor statistic mean   + Try to find out what other additional features can be added based on the current sensor statistics that are given * Design ERD on paper   + Come up with a rough sketch of the ERD on paper to see the relationship between the different entities   + Decided on the primary keys, foreign keys and columns used for each entity * Insertion of data values   + Populate the database by using the data from CSV files |
| Obstacles | * Trying to maintain the team progress while teammates were sick |
| Member Name 2: | **Ryan Yeo** |
| Last week’s Progress | * User Stories: Cab Driver   + Created one story on providing analysis for driver’s performance using statistical and EDA techniques   + Created another story on having an interactive dashboard integrated into a GUI for driver’s to look at the sensors for specific trips * 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 * Finalizing Project plan (Scope)   + Come up with the high level overview of the project which centers around being a user friendly application |
| This week deliverables | * Obtain a better understanding of different sensor statistics   + Find articles from different sources and read up on what each sensor statistic mean   + Try to find out what other additional features can be added based on the current sensor statistics that are given * Table Creation   + Create the tables in the SQL database * Insertion of data values   + Populate the database by using the data from CSV files |
| Obstacles | * Down with Influenza A |
| Member Name 3: | **Zachary Leong Yao Jie** |
| Last week’s Progress | * Created Product-Backlog   + Allocate number of hours and effort needed for each product backlog item   + Split the product backlog into two different sprints (one for Dashboard and one for the GUI) * 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 * Finalizing Project plan (Stakeholder)   + Identify the different stakeholders involved in the project |
| This week deliverables | * Obtain a better understanding of different sensor function   + Find articles from different sources and read up on how each sensor functions * Table Creation   + Create the tables in the SQL database * Schema Creation   + Came up with the schema for the SQL database |
| Obstacles | * Initial struggle to figure out what each Gyro type data * Under the weather |
| Member Name 4: | **Ethan Jedidiah Pang Kin Fong** |
| Last week’s Progress | * User Stories: Manager   + Created one story on a KPI dashboard to view the driver’s overall performance and their compliance with safety standards   + Another story focuses on a UI friendly webpage with an integrated state of the art AI component to predict whether the driver’s trip is a safety risk or not * 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 * Finalizing Project plan (Scope)   + Come up with the high level overview of the project which centers around being a user friendly application |
| This week deliverables | * Explore and study various articles that focus on Sensor functions * Schema Creation   + Came up with the schema for the SQL database * Design ERD   + Implement the ERD on ER assistance so for easier reference   + Assisted on coming up with the primary keys, foreign keys and columns used for each entity |
| Obstacles | * Time Constraint * Under the weather |