# SIT378 – First Sprint (22nd August – 5th September)

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## **1. Analytics Team**

*- Team members:* Anh Quan Hua (Project Lead)

Nithini Bogahawattha

Xiaolu Li

Gouri Nandan Reddy Gangavaram

## **2. Sprint Goals**

*- First goal:* Finishing on-going analysis and producing a final report for each dataset used.

*- Second goal:* Develop various Dashboard templates for different purposes and document them.

## **3. Sprint Progress Update**

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| Member | Progress | Sprint Goals |
| Anh Quan Hua | I am working on documentation for the Fitness Wearables Sales E-commerce. | Produce a complete report for the analysis done.  Develop a Tableau Dashboard |
| XIAOLU LI | I am working on Tableau dashboard for the Fitness data analysis. | Complete the creation of a Tableau Dashboard |
| Gouri Nandan Reddy Gangavaram | I am working on creating more useful insights using the input data and visualizing them in Tableau and creating proper documentation for Calories burnt across different weight groups for each activity. | Produce documentation for Tableau Dashboard and the dataset used |
| Nithini Bogahawattha | I am working on Tableau dashboard in order to create more meaningful output with the help of the data provided. Which will be helpful to answer the questions of the audience. | Complete the creation of a Tableau Dashboard  Produce documentation for said dashboard |

## **4. Sprint Goals Delivery**

- All team members are expected to focus on achieving their respective Sprint Goals and upload their deliverables to either Data Science & Analysis Team’s Files tab or the Analytics Team’s group chat.

- Results and findings from this sprint will be used to determine and develop the goals of the next Sprint.

## **5. Sprint Goals Descriptions**

#### First Goal:

- Aim: Finishing on-going analysis and produce a final report for each dataset used.

- Overview: With our project’s goal to visualize interesting insights in regards to fitness wearables, our team decided to approach some open-source datasets collected to highlight user patterns when purchasing and using smart devices. Our task this sprint is to compile a comprehensive report from team members’ Python notebooks and present our findings.

- Definition of Done: A report of 3-4 pages documenting the purpose of our analysis, approaches, methodologies and insights found.

- Project time line:

22nd August – 29th August: Finalize and format members’ notebooks then compile into a comprehensive file.

29th August – 5th September: Work on documenting the report and upload to Data Science and Analytics Team’s Folder in Redback Operation’s Files tab.

- Future project: This project will serve as an initial basis on how the IOT Team can approach utilizing different sensors. Additionally, data used in this project will be showcased using our future Tableau Dashboard.

#### Second Goal:

- Aim: Develop various Dashboard templates for different purposes and document them.

- Overview: As we approach to provide helpful insights in order to support Redback Operations, it would be ideal to have a powerful visualization tools that is capable of highlighting key insights and comprehensible to most members in the company. Hence, we are working with Tableau to deliver Dashboard templates to achieve that goal.

- Definition of Done: A full 3 to 4 pages’ report showcasing all the completed Dashboard templates and their purposes

- Project time line:

22nd August – 29th August: Determining the purposes of each Dashboard and develop, share them on Tableau Public.

29th August – 6th September: Provide details documentation on each visualizations in the Dashboards and comprise into one final report.

- Future project: This project will be the first step to develop a fluid Dashboard development guide for the up-coming sprint.