Project Handover Document

**Company ----**

Project -----

*Trimester 2, 2022*

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# Project Information

## Company Acting Director

**Name:** Dr Akansel Cosgun

**Position:** Senior Lecturer, Emerging Technology Robotics

**Email:** [akan.cosgun@deakin.edu.au](mailto:akan.cosgun@deakin.edu.au)

## Project Team

**Project Name: Tableau Dashboard**

**Team members:** Nithini Bogahawattha and Mark Telley (Lead).

# Project Overview

1. **Fitness Tracker Sales Dataset**

Sales team conducted a broad analysis on data for of fitness track devices. The main goal was to understand consumers’ determining factors during a purchase of a fitness tracker device. These factors have been showcased in a live tableau dashboard.

1. **Implementation of Tableau Dashboard**

Sales team was able to implement a live tableau dashboard with the use of four different graphs which the consumers would be looking in during a purchase of the fitness tracker device.

1. **Tableau Dashboard Documentation**

Sales team was able to create a document each step of how and why the fitness live dashboard was implement.

1. **Tableau Dashboard Guide**

In this project a guide has been produced by the sales team which included every step from the beginning data reception, creation of a persona, data visualization and the creation of live dashboard. As this will provide a better understanding of each step which was followed.

1. **Tableau Dashboard Creation Reflection**

As the final project of the sales team was able to create a documentation which reflects on the experiences which was faced from the start till the end of the Tableau Dashboard implementation.

# User Manual

As a part of user manual, the work documentation carried out by the Sales team was in the Trimester 3 2022 folder in Data Science & Analysis Channel under Redback Team.

These files will also be able to view on Redback operations, Sales Analysis GitHub Repositories.

**GitHub Link:** - [https://github.com/redbackoperations/data analysis/tree/main/Trimester%203%202022](https://github.com/redbackoperations/data%20analysis/tree/main/Trimester%203%202022)

# Completed Deliverables

**1.Analysis on Fitness Tracker Sales Dataset**

Dataset [Sales Data.csv](https://deakin365.sharepoint.com/:x:/s/RedbackOperations9/ETUJFKAIYz1Ao3nnICpcsg0BaooMLhwrV5muKVM7eeCzNQ?e=tCP44h) was obtained with the support of team lead Mark Telly.

**2. Implementation of Tableau Dashboard-**<https://public.tableau.com/app/profile/nithini.bogahawattha/viz/Redbackoperations/Dashboard1?publish=yes>

**3. Tableau Live Dashboard**

<https://github.com/redbackoperations/data-analysis/blob/main/Trimester%203%202022/Project%201%20Sales%20Analysis/Tableau%20Dashboards%20Documentation.docx>

**4.Tableau Dashboard Guide**

<https://github.com/redbackoperations/data-analysis/blob/main/Trimester%203%202022/Project%201%20Sales%20Analysis/Tableau%20Dashboard%20Guide.pdf>

**5.Tableau Dashboard Creation Reflection**

[reflection.pdf](https://deakin365.sharepoint.com/:b:/r/sites/RedbackOperations9/Shared%20Documents/Data%20Science%20and%20Analytics%20Team/Trimester%203%202022-Tableau%20Dashboard%20Analysis/reflection.pdf?csf=1&web=1&e=WVu1Ql)

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# Roadmap

The projects set by the sales team for this semester is over. Therefore, the next goal for the sales team is to host our live dashboard template in the Redback company website. As this feature tend to make easier for the viewers to understand and compare statistics.

# Open Issues

Being the only member in the tableau dashboard creation team was difficult. As there were no other members which I could share my ideas. However, the implementation of the live dashboard was done successfully with the experience gained with working in Project A and with the help of Mark Telley.

# Lessons Learned

Start working on the tasks as soon as it was implemented without waiting till the last minute as the creation of the Tableau dashboard project was done only by myself. Communicating with the lead daily.

# Product Development Life Cycle

We work as a team and focus on delivering measurable values to the project and the company.

We have 3 daily stand-ups each week (start/mid/end of a week’s meeting) to sync the working progress between different team members. We discuss any issues and potential extra works we need to do for the project during the stand-ups. We’ve also had lots of ad-hoc chats in Teams app whenever we need a quick discussion.

We plan tasks in the [Trello board](https://trello.com/b/NSuF3z83/data-analytics) and indicate our progress from there. We create PRs frequently and get them merged timely by the team lead.

## New Tasks

We come up with new tasks along the way while we are working on existing planned tasks or from each stand-up meeting time. Any new tasks will be created in the [Trello board.](https://trello.com/b/NSuF3z83/data-analytics)

## Definition of Done

A DoD list is normally clearly defined in each Trello card, so the card assignee will be able to know exactly when a task is treated as completed by meeting all the DoD items. Additionally, we also have different status labels on each task on the Trello board to indicate their completeness.

## Task Review

The task will be reviewed once it has been uploaded to the GitHub and merged the team lead.

## Testing

The visualisation of live dashboard was conducted using the Tableau software.

## Branching Strategy

We never directly push any changes into the company’s `main` branch. To make any changes, we either create a new branch based off the latest `main` branch or fork the company’s `main` branch into our own repo. After we’ve finished the changes, we create a PR against the company’s `main` branch, and have it reviewed and merged by the team lead. We also ensure to resolve conflicts (if there’s any) before merging back to the latest `main` branch.

# Source Code

The project work and documentations done along with the project guides produced by me for Sales Analysis will be able to find from the below links.

**GitHub Link:** - <https://github.com/redbackoperations/data-analysis/tree/main/Trimester%203%202022/Project%201%20Sales%20Analysis>

**Ms-Team Link:** - [Trimester 3 2022-Tableau Dashboard Analysis](https://deakin365.sharepoint.com/:f:/s/RedbackOperations9/EiAwShirPqVAn7nlj8XxECYBjp0xwMR24OHOF76NwqXo-A?e=sXntCP)

# Login Credentials

GitHub login credentials can be obtained from Mark Telly (Project Lead) as it contains all the documentation for the project.

# Appendices

* Fitness Tracker data set - <https://www.kaggle.com/datasets/arashnic/fitbit>