Project Handover Document

**Company -- Redback**

Project -----Corporate Reporting

*Trimester 1, 2023*

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# Project Information

## Company Acting Director

**Name :**

*Title:*

Email:

List multiple if applicable.

## Project Team

**Project Name: Corporate Reporting**

Company : Redback

Team Members: Sindhuja Manduru (Lead)

Ella Karimi Zarandi ( Support)

# Project Overview

The Corporate Reporting project aims to create static reports such as weekly summary reports, ranking analysis reports, workout summary reports and such using SQL query on the underlying tables. There will be Views created which will pull out the data required from the tables and produce the reports. This project will also aim at creating dynamic dashboards (Power BI or Tableau) that pulls data from database every time we need reports and generates the reports.

# User Manual

This Project is available and developed on google big query that can be accessed from google console using Deakin credentials.

This Project is under DEAKIN.EDU.AU > sit-23t1-fit-data-pipe-ee8896e > fitness\_data > master\_data.

A screenshot of a computer

Description automatically generated with medium confidence

# Completed Deliverables

* Creation of views that fetch weekly, daily and monthly reports for Distance, calories and weight.
* Created BMI calculation mechanism in the table by adding columns such as height and BMI to table.
* Created Dashboards for BMI Visualisation.

These can be accessed at:

[Working on quieries and view query creation for distance,calories,weight](https://trello.com/c/FtCf1ptc/200-working-on-quieries-and-view-query-creation-for-distancecaloriesweight)

[working on BMI Calculation](https://trello.com/c/YFMAnXiT/201-working-on-bmi-calculation)

[Working on Data visualization](https://trello.com/c/LJjy0VDr/202-working-on-data-visualization)

# Open Issues

There are no Open issues at present.

# Lessons Learned

Future technology recommended for this project is use of python for Data Automation.

# Product Development Life Cycle

## New Tasks

All the team members (Redback Data and AI) meet twice every week to discuss on the deliverables and outcome. We discuss on any challenges faced and receive suggestions for them. Apart from this team members of same project meet often required to review and discuss each other’s work.

## Definition of Done

If the product developed meets the requirements of the proposed product then it is said to be done.

## Task Review:

I get all my tasks reviewed by the Project Mentor and apply any suggestions of him.

## Testing

I have created views against a table on the database.

If query output and the overall view output matches then the product is said to be success.

## Branching Strategy

I have created fork of the main branch and making any changes on the fork and then creating a pull request for the changes to be merged to main branch. The pull request should be approved by the project lead.

# Product Architecture

## Tech Stack

The tools used for this Project are:

Google Biq query

Google Dashboards

# Source Code

All the queries used for creating the views and instructions to create the dashboards for visualisation can be accessed from the Trello board attachments of below tasks:

[Working on quieries and view query creation for distance,calories,weight](https://trello.com/c/FtCf1ptc/200-working-on-quieries-and-view-query-creation-for-distancecaloriesweight)

[working on BMI Calculation](https://trello.com/c/YFMAnXiT/201-working-on-bmi-calculation)

[Working on Data visualization](https://trello.com/c/LJjy0VDr/202-working-on-data-visualization)

# Login Credentials

The biq query database can be accessed with one’s Deakin credentials.

# Appendices:

Detailed steps taken on the project from start to end can be accessed at:

[Working on handover documentation - Sindhuja](https://trello.com/c/B5ISRre5/203-working-on-handover-documentation-sindhuja)