GROUP 1 INCEPTION DECK

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01 Why are we here?

- Help facilities manager to make better decisions
- Optimise maintenance and operations for facilities
- Provide insights on how to reduce facilities expenses
- Improve efficiency and performance of facilities

02 Elevator Pitch

FOR

The NP EES Office

WHO

Wants to optimise facilities maintenance and operations to reduce cost and improve overall performance

THE

Project

IS A

Combination of visuals from various tools such as Power BI and Alteryx Designer

THAT

Helps draw insight to help our stakeholders make better data-driven decisions

UNLIKE

Most visual implementations that do not provide key insights for better decision making

OUR PROJECT

Will produce user-friendly dashboards, provide key insights, and trends to satisfy our stakeholder's needs

03 Product Box

InsightFlow

Get Insights That Matter

Providing clean dashboards for NP EES Office.

7

dashboards made for each facility.

4

sprints will be done to achieve our product.

Benefit 1:

Optimise maintenance and improve efficiency and performance of facilities.

Benefit 2:

Help drive better data-driven decision making.

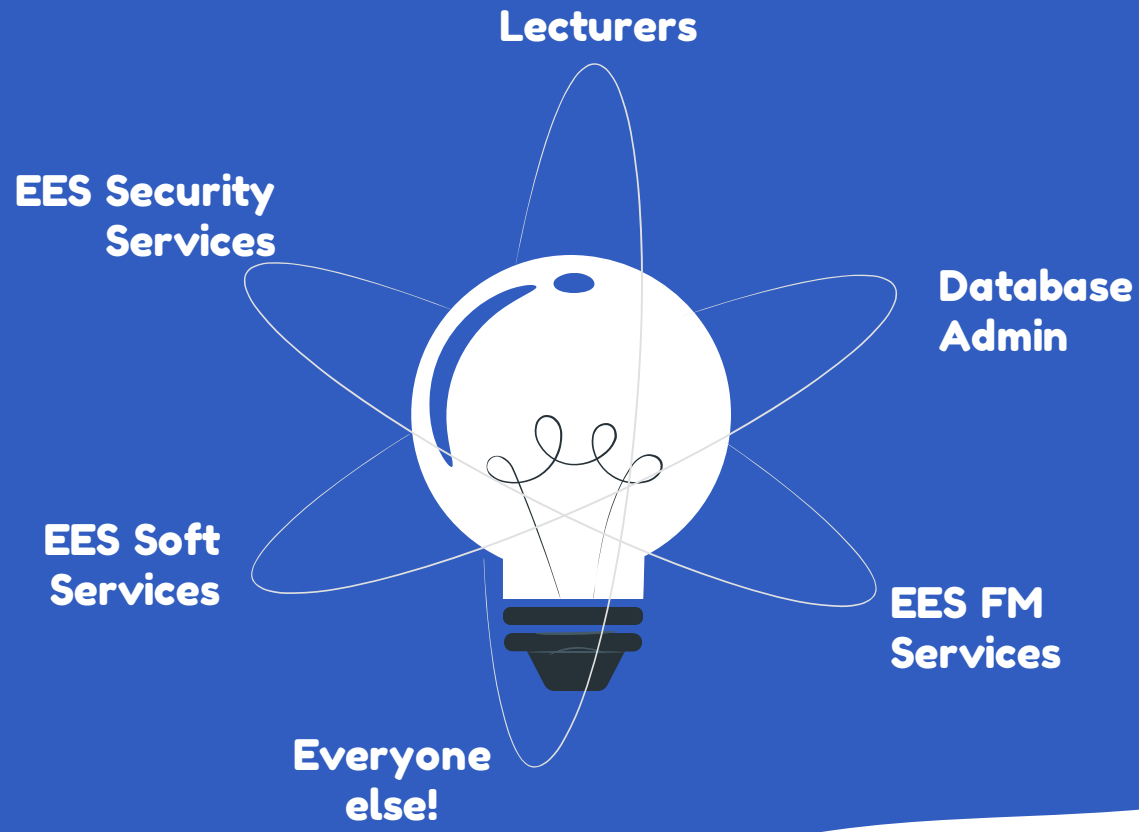
Benefit 3:

Provide insight on how to increase savings.

04 Not list

IN	OUT
Interactive dashboards	Website
Predictive analysis using visuals	Application
Key trends/interesting findings	Cramped information
Suggestions to reduce operational costs & improve overall performance	Too many numbers
UNRESOLVED	
Chatbot function	
Multi-language system	

05 Meet the Neighbours



06a Platforms Utilised

Communication

Planning

Research

Dataset Cleaning

Web API

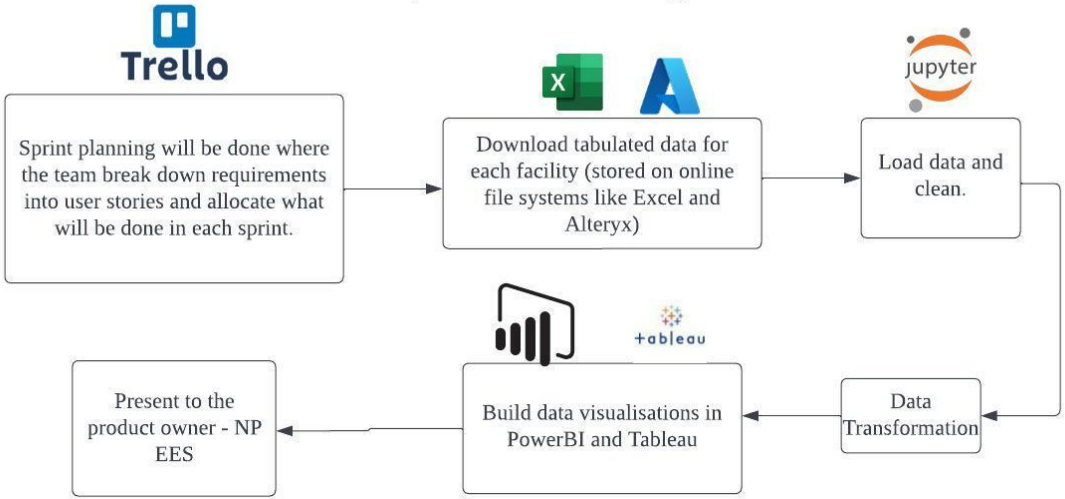
Visualisations

Dataset Storing

Documentation

06b Our Solution

A total of 4 sprints will be held to achieve our product. Each sprint is held for 2 weeks. After each sprint, sprint reviews and retrospective meetings will be organized at the end of each sprint to reflect on what was done well, what could be improved and what will be changed.



07 What Keeps Us Up At Night?

- Difficulties faced during the cleaning of datasets
- Not fully understanding the objectives
- Balancing work with other assignments
- Mistakes throughout the assignment
- The pressure of 8 credit units

08 The A-Team

#	Roles	Competencies/Expectations
1	**Scrum Master**	Ensuring that the team understands the goal and is heading towards the right direction
2	**Programmers**	Use Jupyter Notebook and Alteryx Designer to clean the datasets
3	**Data Analysts**	Collect the cleaned datasets and create visualisations for our stakeholders using Power BI
4	**Product owner**	Ensures that the team understands the project goals and scope

09 Size It Up

Sprint 1 (Wk 3 – 4)

Cleaning of sample datasets

Sprint 2 (Wk 5 – 7)

Creation of dashboards and prototyping for sample data for interim assessment

Sprint 3 (Wk 11 – 12)

Cleaning of actual datasets

Sprint 4 (Wk 13 – 16)

Creation of dashboards and final solution for actual data

Final Assessment (Wk 17 – 18)

Project presentation

10 What's going to give?

11 What's It going to take

5 people

3.5 Months

$25,000

THANK YOU!