RedXParking

SPRINT 2

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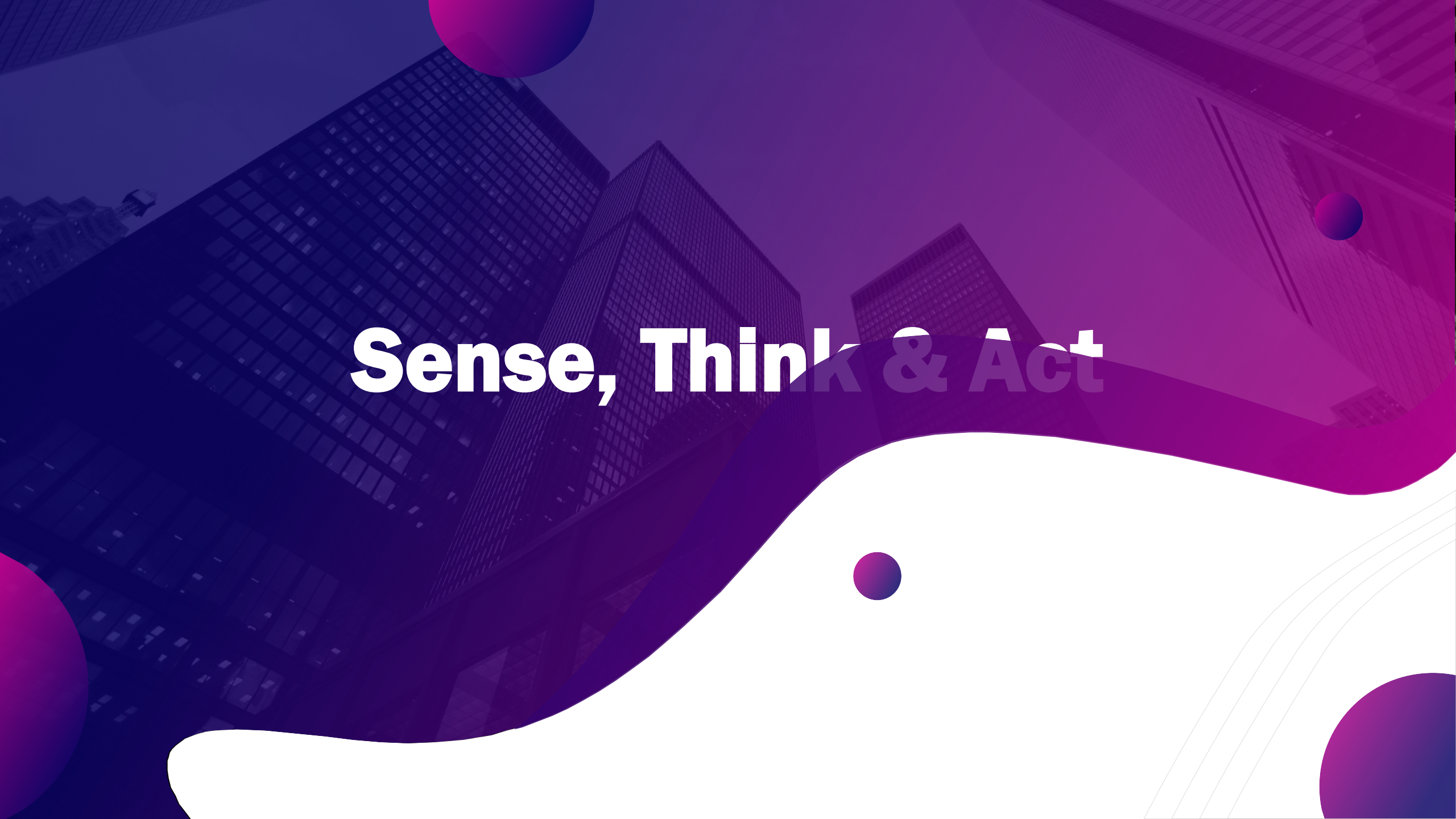
SPRINT 2 - GOALS

- Adding pi camera for more accurate detection.
- Integrating Melbourne Open parking data and the sensor data for better user experience.
- Implementing of a php web application.


Sense, Think & Act

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- Sense – Detecting whether there is a vehicle in a parking spot
- Data driven solution to address the issue using the publicly available dataset.
- For the parking spots that doesn't have sensors we implement our own sensors.
- Think – Whether displaying available or occupied for the bay.
- Act – displaying the status of the parking bay

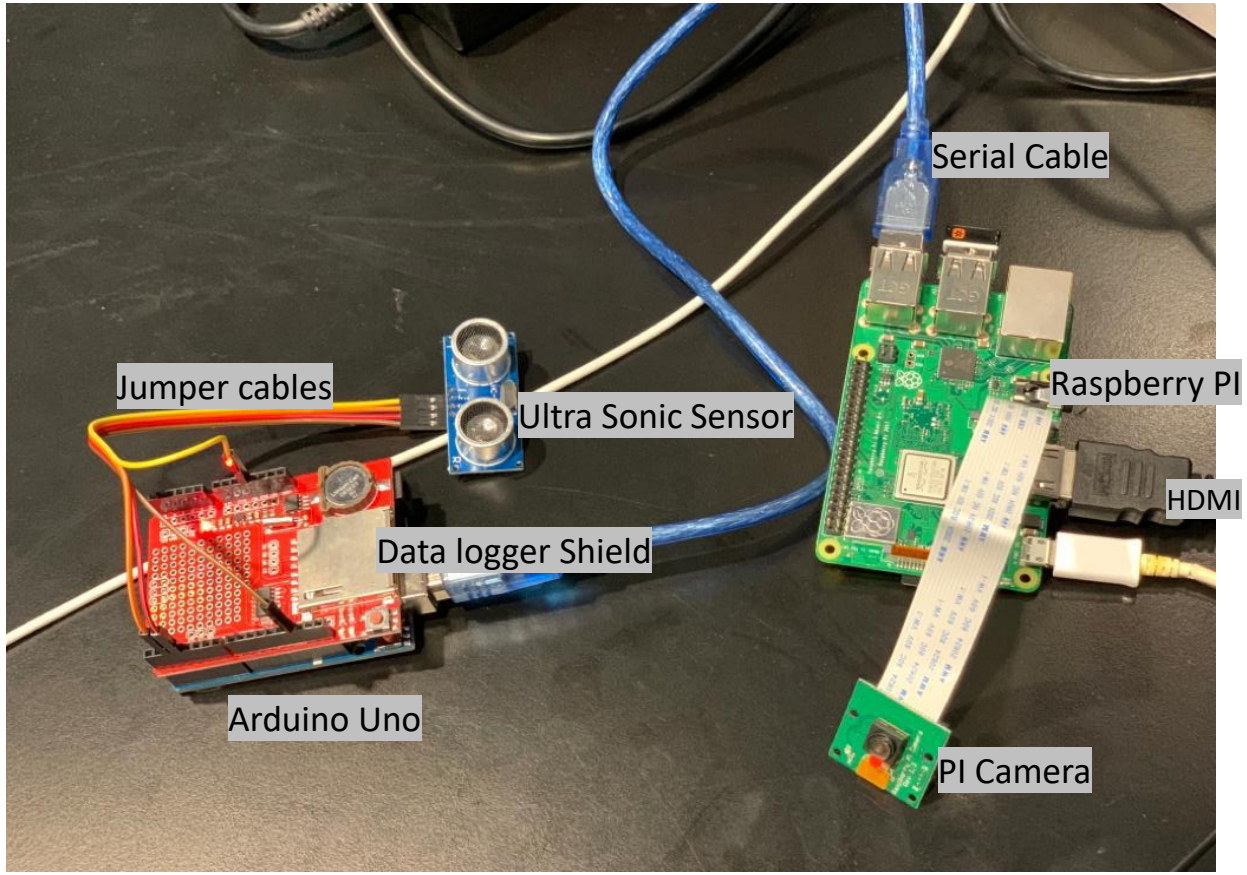
Backlog

- https://app.gitkraken.com/glo/board/XW4APgtDJAAPHCC6

GIT HUB LINK

https://github.com/SheronSuditha/RedXParking

PHOTOGRAPHS AND DIAGRAMS OF HARDWARE SETUP.

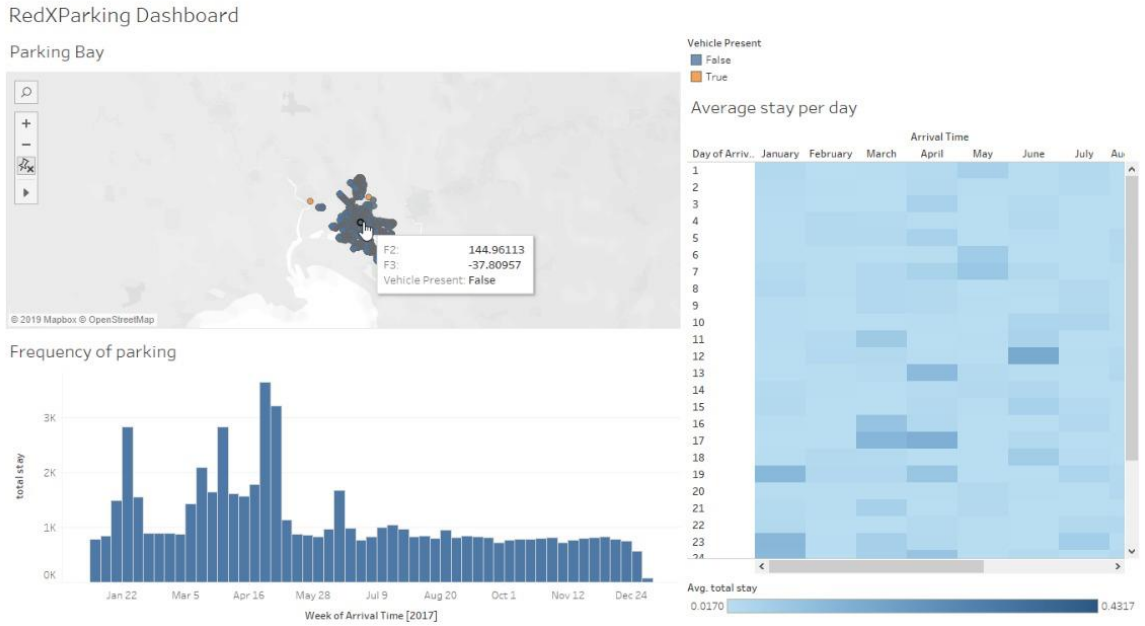


Data

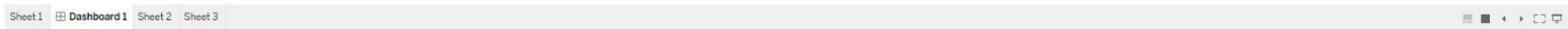
The following diagram is a visualization of the location of the parking bays where some are present as well as some are unoccupied

Sensors in these location will be used to collect data about the parking bay.

Pi camera and PIR motion Sensors will be installed for other locations.



The graph represents the parking locations where the sensors are installed to monitor the status. Noted by Melbourne Open Data



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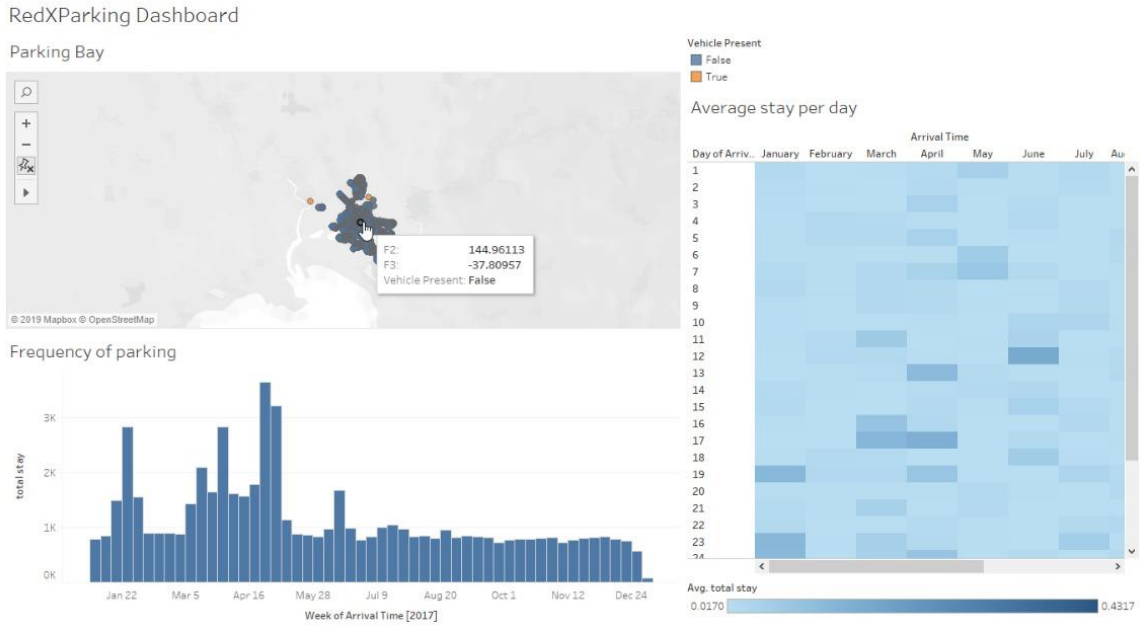

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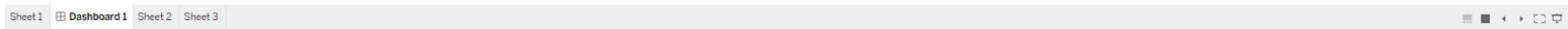

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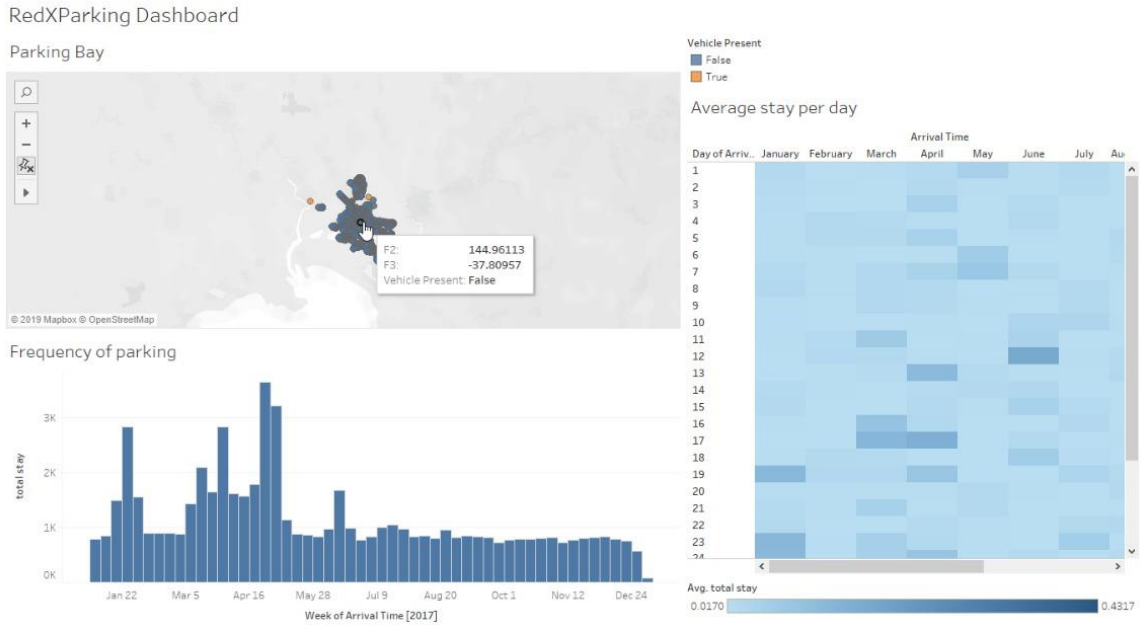

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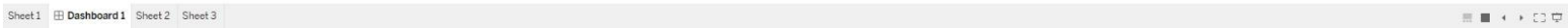

THE END

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https://redxsdk.com/parking