

The background features a low-angle, upward-looking perspective of several skyscrapers, rendered in a dark blue/purple color scheme. Overlaid on this are large, abstract, wavy shapes in shades of purple and magenta. There are also several small, circular, gradient-colored spheres scattered across the composition.

RedXParking

SPRINT 2

The background features a low-angle, upward-looking perspective of several skyscrapers, their facades rendered in a grid-like pattern. The color palette is dominated by deep purples, blues, and magentas. Large, semi-transparent circles and a thick, flowing white-to-purple gradient shape are overlaid on the image. The text 'SPRINT 2' is centered in a bold, white, sans-serif font.

SPRINT 2

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.

The background features a low-angle, upward-looking perspective of several skyscrapers, their facades rendered in a dark, textured blue. Overlaid on this is a large, vibrant purple shape that flows from the top right towards the bottom left, creating a sense of movement. Several circular elements are scattered throughout: a large purple circle at the top center, a smaller one at the top right, a medium-sized one in the lower center, and a large one at the bottom right. In the bottom right corner, there are also several thin, white, curved lines that suggest a stylized path or flow.

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

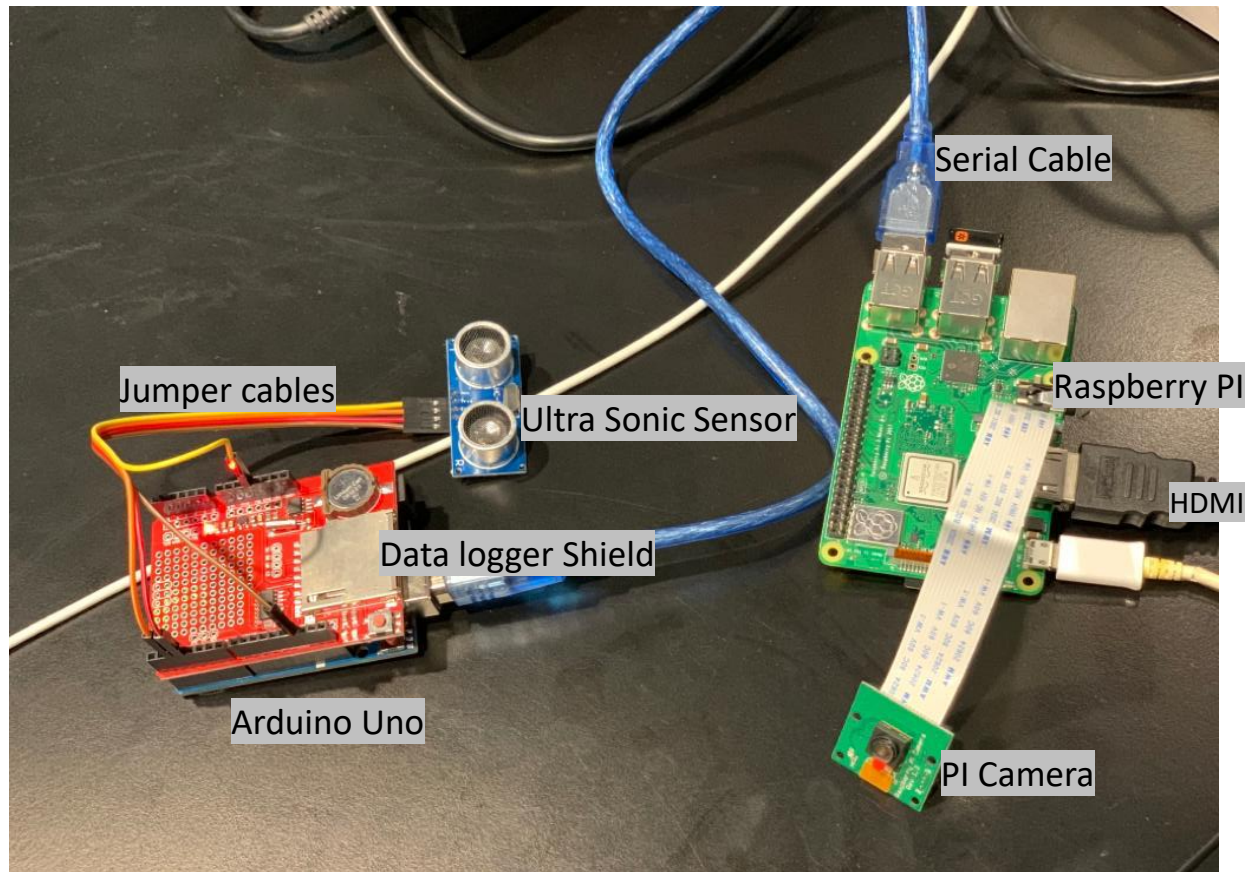
Backlog

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

GIT HUB LINK

<https://github.com/SheronSuditha/RedXParking>

PHOTOGRAPHS AND DIAGRAMS OF HARDWARE SETUP.



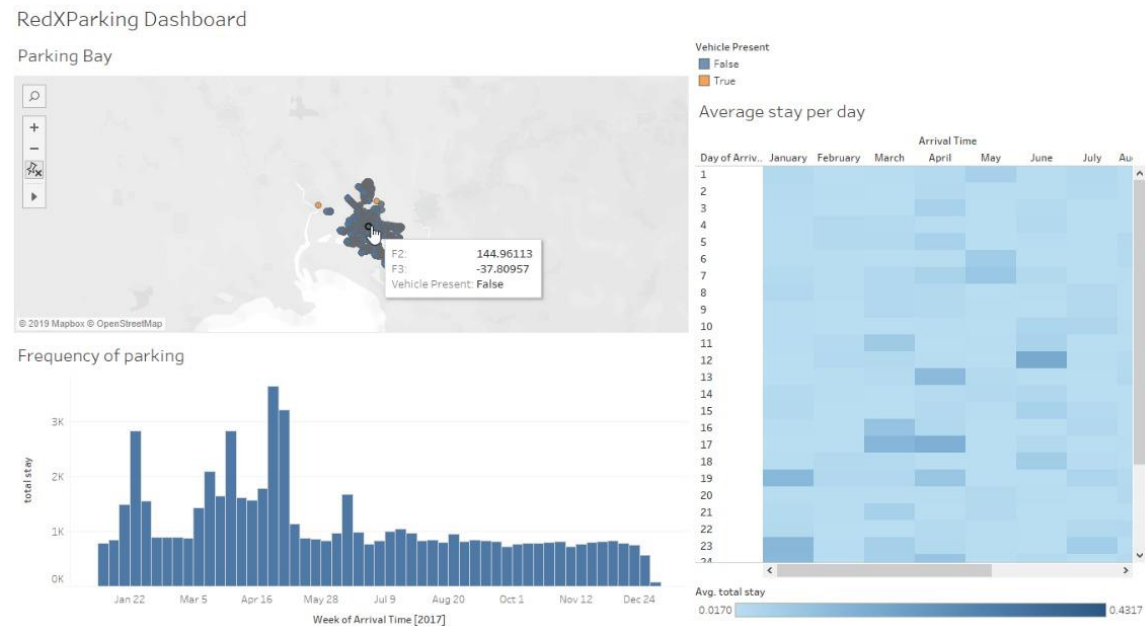
Data

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



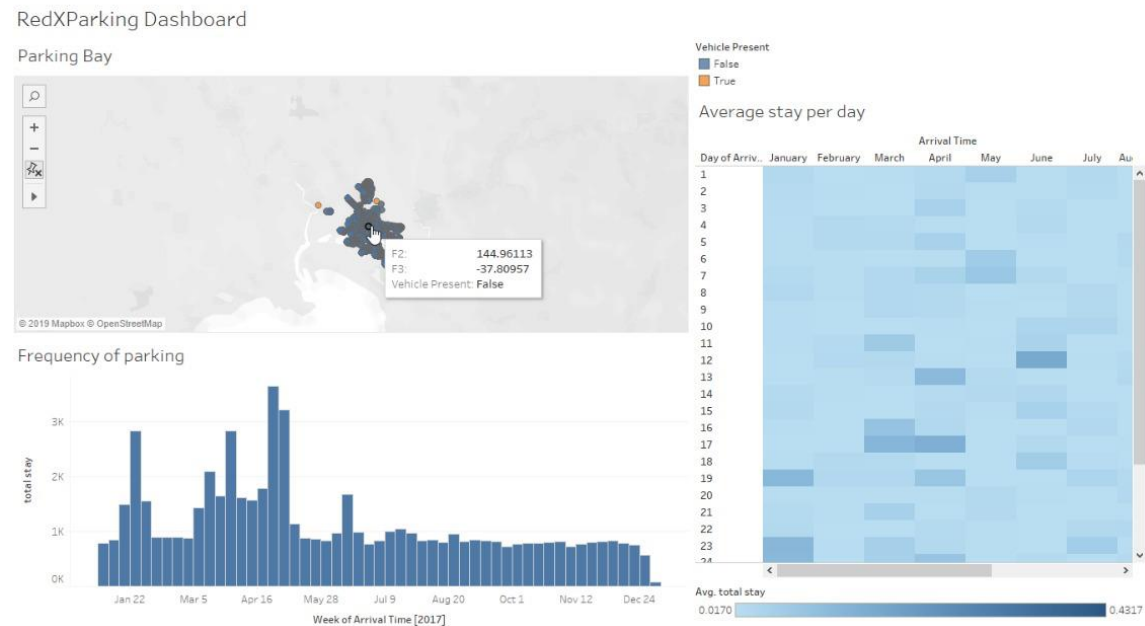
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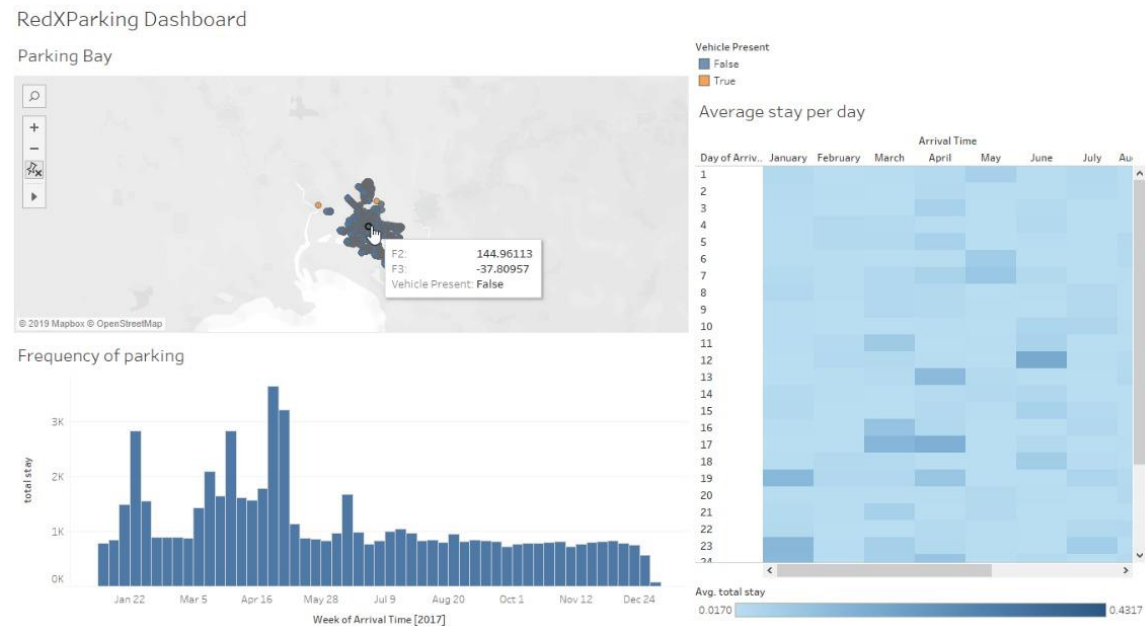
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THE END



REDXPARKING
<https://redxsdk.com/parking>