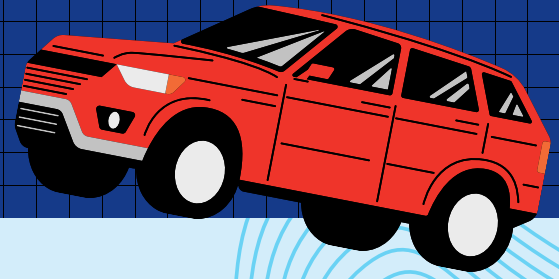# CAR-TELL

Your one-stop solution for zero-hassle parking.

DID YOU KNOW?

In crowded carparks where drivers have to spend long periods of time to find a slot, cars become idle, resulting in large **losses in petrol and productivity**. When idle, car exhausts also **emit pollutants** that **affect the environment and our health**. One reason for car idling is **inefficient parking solutions in urban areas**. According to City Monitor, **parking management** is the best way to combat this problem.
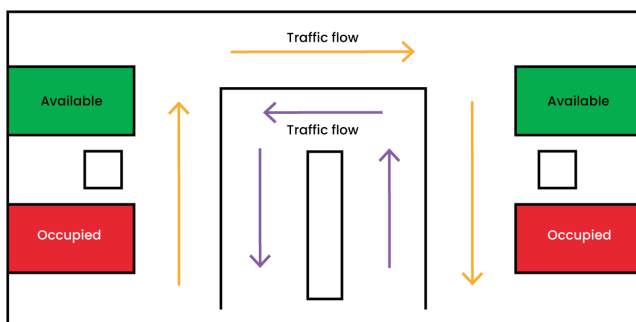
PROBLEM STATEMENT

How may we **reduce a car's waiting time** and **increase the efficiency of finding available parking lots** in crowded carparks?
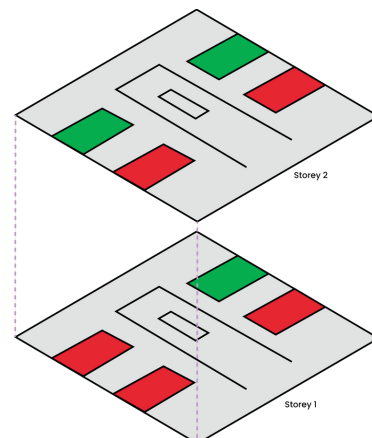
OUR SOLUTION

To create a user-friendly **mobile application and IoT system** that enables drivers to find available parking spots in crowded carparks.

No interactivity required! Drivers simply need to **launch the app** and **look for available parking lots on ANY floor** (updated in real time).

CARPARK LAYOUT

CARPARK MODEL ON APP

WHAT'S NEXT FOR CAR-TELL?

Car-Tell intends on implementing this solution to **outdoor parking spaces**, allow drivers to **search for the lot** their car is in, **measure and predict traffic** in different carparks, and use an "amber system" that **predicts which lots would be occupied soon**.

References:
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://ravalli.us/DocumentCenter/View/229/Vehicle-Idling
https://citymonitor.ai/transport/parking/cities-have-a-parking-problem-more-parking-is-not-the-solution