



ParkLux

KENNY SONG, NYU ABU DHABI

NAEL HAILEMARIAM, BEIHANG UNIVERSITY

GAME OF CODE 2016

The Problem

1. Where is the closest available parking lot to you right now?
2. Where can you park your car tomorrow, over the weekend, or this evening?

The Solution

ParkLux tracks the status of Luxembourg City's parking lots in real-time and historically.

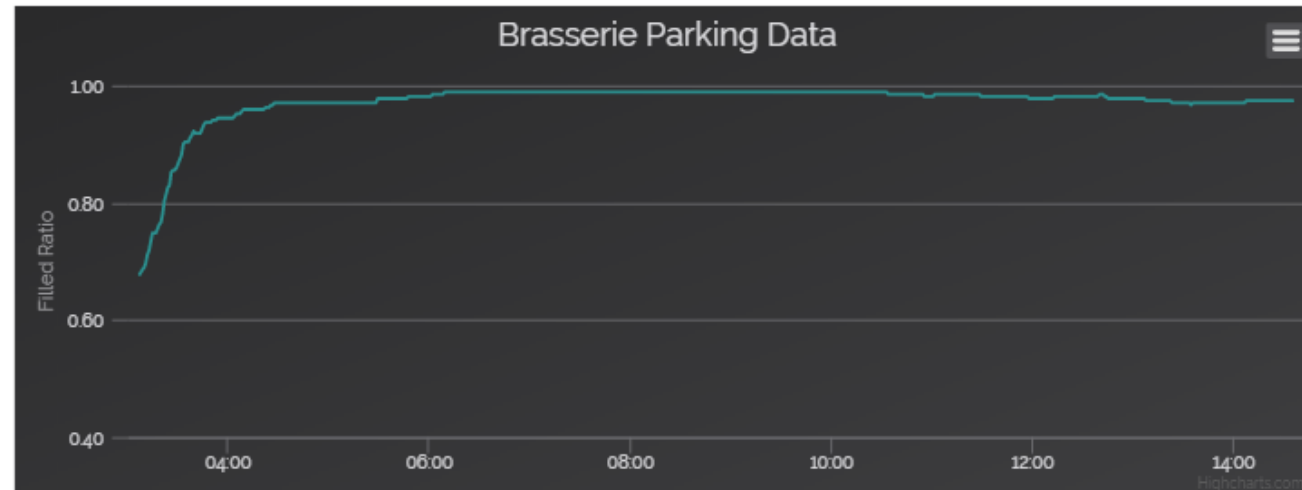
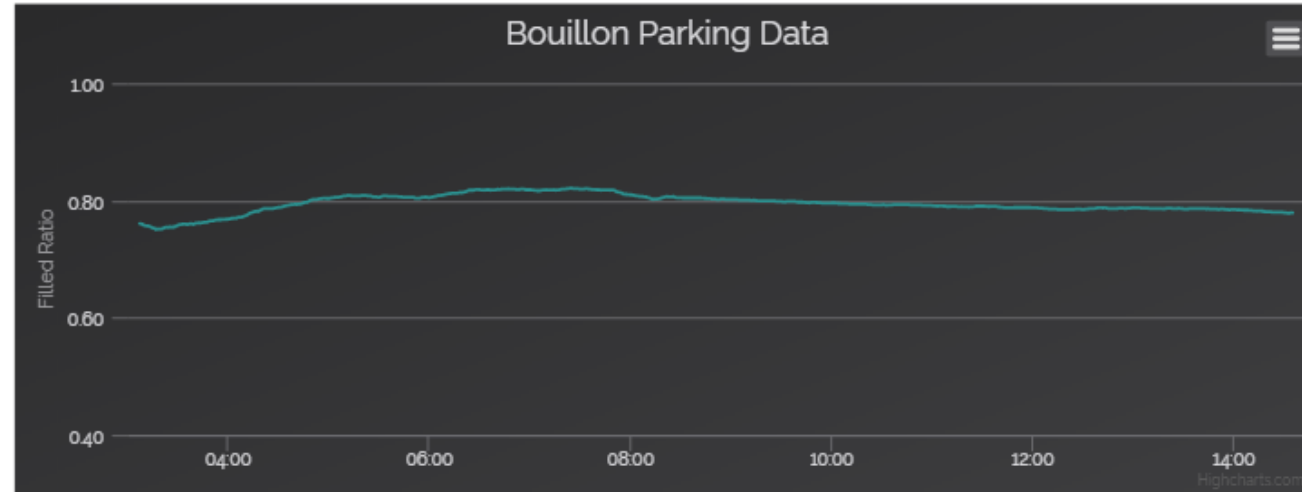
It can tell you the closest available spot to park your car, as well as the # of open spots in every parking lot in the city.

It can also tell you where and when to park your car later by looking at historical data.



Data taken at 4:01 PM, 09/APRIL/2016

Historical Parking Trends



Technical Overview

Flask server running on Microsoft Azure

Data is stored and streamed in real-time with Firebase

Google Maps API and HighCharts provides core front-end functionality

Live Demo

<https://parklux.azurewebsites.net>

A computer monitor sits on a white desk. The background is a blue wall with a repeating pattern of dark blue Apple logos. The floor is made of light brown wooden planks. A small, silver, mesh trash can is on the floor to the right of the desk. The monitor's screen displays the text 'Any Q?' in white, with a colorful, abstract light effect behind it.

Any Q?