

School of Computer Science and Engineering College of Engineering

Car Park Adviser (Web App) A Web Application to find Optimal Car Parks

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Radius of Car parks within your destination: 250	CarParkly				BLK 1	25 SIMEI STREET 1	R Usemame Password Ø Cor Register
Simei Street 1, Singapore	ort: Distance Availability Cost st is based on 1 hour stay from current time 125 SIMEI STREET 1				Open location in Google Maps	12 Similar Struet Sequence Very of Colore Later	
Simei Street 3, Singapore	allable lots: 62 st: \$1.2	Details & Rates	Navigate				
Simei Street 6, Singapore	: 141/147 SIMEI STREET 2 ailable lots: 49 st: \$1.2	Details & Rates	Navigate		Search Car Park Video		
BLK 130 Simel Street 1 BLK 141/147 SIMEI STREET 2	: 132 SIMEI STREET 1 ailable lots: 11 st: \$1.2	Details & Rates	Navigate				
	248 SIMEI STREET 5 afilable lots: 399 st: \$1.2	Details & Rates	Navigate		Availability 61 / 160		
Changi Simei Block 153 HDB Simei Avo	120/122 SIMEI STREET 1 ailable lots: 234 st: \$1.2	Details & Rates	Navigate			+	
PCF Changi Simei Bik 233					Cost Calculator	Google B 2222 Cougle Terms of Use Report a public	
Block 248 HDB Simei (MSCP)				Rates			
Block 231 HDB Simei				Free Parking : SUN & PH FR 7AM-10	0.30PM		
Phoon.Hual w Simei Baking supply store Simei Web				Night Parking : YES			
Google Keyboard shortcuts Map data ©2022 Google Terms of Use _ Report a map error				Short Term Parking : WHOLE DAY Central Car Park? : NO			
					s, please visit https://www.hdb.gov.sg/car-parks/shortterm-park	king/short-term-parking-charges	

Project Objectives:

This project aims to provide a web application, Carparkly, for users to conveniently find and navigate to car parks around their destination. Based on the user's preferences and input, the web application will provide a list of recommended car parks, which includes additional

information such as cost of parking, number of available lots, and distance from destination. It also possesses a community feature that allows users to provide anecdotal reviews and insights into specific car parks. This will allow users to make better decisions regarding parking at their next destination.

Key Features:

- Deployed and maintained using Amazon Web Services (AWS)
- Scalable and secure web application responsive to user traffic
- Web scraping to retrieve up to date car park data
- Automatic recurring data retrieval via government APIs

