

Objetivo

Monitorar um o site GSM Arena, para verificar quando novos dispositivos foram adicionados.

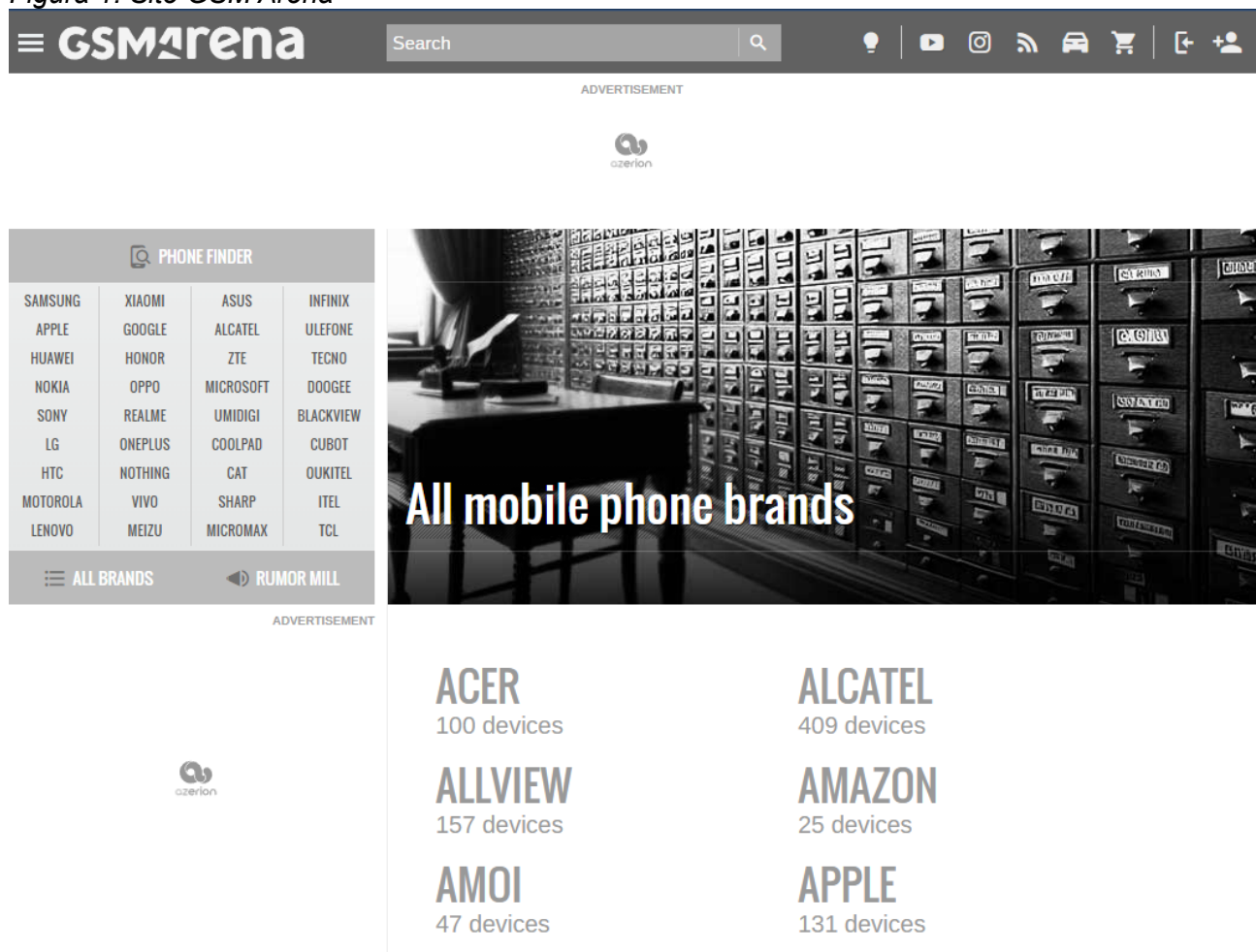
O site

GSM Arena é um site onde contém informações sobre vários tipos de dispositivos móveis de diferentes marcas e modelos.

Tecnologias utilizadas

Scrapy, pandas, Mongo DB, JSON, Requests

Figura 1: Site GSM Arena



The screenshot shows the GSM Arena website interface. At the top is a dark navigation bar with the GSM Arena logo, a search bar, and various social media and utility icons. Below the navigation bar is an advertisement for Azerion. The main content area features a 'PHONE FINDER' section on the left, which is a grid of mobile phone brands. To the right of this section is a large image of a desk with a chair and a wall of drawers, with the text 'All mobile phone brands' overlaid. Below the image is another advertisement for Azerion. The bottom section of the page displays a list of mobile phone brands and the number of devices for each.

PHONE FINDER			
SAMSUNG	XIAOMI	ASUS	INFINIX
APPLE	GOOGLE	ALCATEL	ULEFONE
HUAWEI	HONOR	ZTE	TECNO
NOKIA	OPPO	MICROSOFT	DOOGEE
SONY	REALME	UMIDIGI	BLACKVIEW
LG	ONEPLUS	COOLPAD	CUBOT
HTC	NOTHING	CAT	OUKITEL
MOTOROLA	VIVO	SHARP	ITEL
LENOVO	MEIZU	MICROMAX	TCL

Below the 'PHONE FINDER' section, there are links for 'ALL BRANDS' and 'RUMOR MILL'. Below the large image, there is an advertisement for Azerion. The bottom section of the page displays a list of mobile phone brands and the number of devices for each:

Brand	Number of devices
ACER	100 devices
ALLVIEW	157 devices
AMOI	47 devices
ALCATEL	409 devices
AMAZON	25 devices
APPLE	131 devices

Figura 2: Exemplo de um dispositivo cadastrado no site

PHONE FINDER

SAMSUNG	XIAOMI	ASUS	INFINIX
APPLE	GOOGLE	ALCATEL	ULEFONE
HUAWEI	HONOR	ZTE	TECNO
NOKIA	OPPO	MICROSOFT	DOOGEE
SONY	REALME	UMIDIGI	BLACKVIEW
LG	ONEPLUS	COOLPAD	CUBOT
HTC	NOTHING	CAT	OUKITEL
MOTOROLA	VIVO	SHARP	ITEL
LENOVO	MEIZU	MICROMAX	TCL

ALL BRANDS

RUMOR MILL

Acer Liquid Zest Plus

Released 2016, July
10mm thickness
Android 6.0
16GB storage, microSDXC

N/A
509,750 HITS

20
BECOME A FAN

5.5"
720x1280 pixels

13MP
1080p

2GB RAM
MT6735

5000mAh
10W

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COMPARE

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Also known as Acer Liquid Zest Plus Z628

NETWORK	Technology	GSM / HSPA / LTE	COLLAPSE ▲
	2G bands	GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only)	
	3G bands	HSDPA	
	4G bands	LTE	
	Speed	HSPA, LTE	
	GPRS	Yes	
	EDGE	Yes	
LAUNCH	Announced	2016, April. Released 2016, July	
	Status	Discontinued	
BODY	Dimensions	154 x 77 x 10 mm (6.06 x 3.03 x 0.39 in)	
	Weight	-	
	SIM	Single SIM (Micro-SIM) or Dual SIM (Micro-SIM, dual stand-by)	
DISPLAY	Type	IPS LCD	
	Size	5.5 inches, 83.4 cm ² (~70.3% screen-to-body ratio)	
	Resolution	720 x 1280 pixels, 16:9 ratio (~267 ppi density)	
PLATFORM	OS	Android 6.0 (Marshmallow)	
	Chipset	Mediatek MT6735 (28 nm)	
	CPU	Quad-core 1.3 GHz Cortex-A53	
	GPU	Mali-T720MP2	
MEMORY	Card slot	microSDXC (dedicated slot)	
	Internal	16GB 2GB RAM	
MAIN CAMERA	Single	13 MP, PDAF	
	Features	Laser AF, LED flash, HDR, panorama	
	Video	1080p@30fps	
SELFIE CAMERA	Single	5 MP	
	Video		
SOUND	Loudspeaker	Yes	
	3.5mm jack	Yes	
COMMS	WLAN	Wi-Fi 802.11 b/g/n	
	Bluetooth	4.0, A2DP	
	Positioning	GPS	
	NFC	No	
	Radio	FM radio	
	USB	microUSB 2.0	
FEATURES	Sensors	Accelerometer, proximity, compass	
BATTERY	Type	Li-Ion 5000 mAh, non-removable	
	Charging	10W wired	
MISC	Colors	Blue, White	
	Price	About 200 EUR	

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LIQUID ZEST PLUS IN THE NEWS

Acer Liquid Zest Plus with 5,000mAh battery set for July launch in Canada 03 Jun 2016

New devices of the week 29 May 2016

Acer's 5,000mAh battery totting Liquid Zest Plus to go on sale in July 27 May 2016

Acer Liquid Zest Plus is official with a 5.5-inch display and a 5,000mAh 21 Apr 2016

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ACER LIQUID ZEST PLUS - USER OPINIONS AND REVIEWS

Funcionamento

Inicialmente, o bot extrai todas as URLs de todos os produtos presentes no site. Em seguida, uma verificação é feita no banco de dados Mongo DB, para assegurar que aquele produto já não esteja cadastrado lá. Caso o produto ainda não tenha sido registrado, uma requisição será enviada para aquela URL, com objetivo de extrair a tabela de informações desse produto, que será convertida em um arquivo JSON e salvo no banco de dados.