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readme.md



OSINT - Backroom

In this challenge, we were given an attachment as follows.



Or can be accessed by this [URL](#).

First time, we try to search it on Google Search by Image. But, we didn't find anything. Then, we try to analyze this image with `exiftool` . Then, we got these information.

File Name	: IMG20221221153220.jpg
Directory	: .
File Size	: 2.1 MiB
File Modification Date/Time	: 2023:02:26 20:41:58+07:00
File Access Date/Time	: 2023:02:26 20:45:16+07:00
File Inode Change Date/Time	: 2023:02:26 20:41:58+07:00
File Permissions	: -rwxrwxrwx
File Type	: JPEG
File Type Extension	: jpg
MIME Type	: image/jpeg
JFIF Version	: 1.01
Exif Byte Order	: Little-endian (Intel, II)
Make	: realme
Camera Model Name	: realme 9
Orientation	: Horizontal (normal)
X Resolution	: 72
Y Resolution	: 72
Resolution Unit	: inches
Modify Date	: 2022:12:21 15:32:20
Y Cb Cr Positioning	: Centered
Interoperability Index	: R98 - DCF basic file (sRGB)
Interoperability Version	: 1.0
Exposure Time	: 1/50
F Number	: 1.8
Exposure Program	: Program AE
ISO	: 1125
Exif Version	: 0220
Date/Time Original	: 2022:12:21 15:32:20
Create Date	: 2022:12:21 15:32:20
Offset Time Original	: +07:00
Components Configuration	: Y, Cb, Cr, -
Shutter Speed Value	: 1/50
Aperture Value	: 1.7
Brightness Value	: 42949671.79
Exposure Compensation	: 0
Max Aperture Value	: 1.7
Metering Mode	: Center-weighted average
Flash	: Off, Did not fire
Focal Length	: 5.2 mm
Maker Note Unknown Text	: (Binary data 147 bytes, use -b option to extract)
Warning	: Invalid EXIF text encoding for UserComment
User Comment	: oplus_32
Sub Sec Time	: 831
Sub Sec Time Original	: 831
Sub Sec Time Digitized	: 831
Flashpix Version	: 0100
Color Space	: sRGB
Exif Image Width	: 0
Exif Image Height	: 0
Sensing Method	: Not defined
Scene Type	: Directly photographed
Exposure Mode	: Auto
White Balance	: Auto
Focal Length In 35mm Format	: 24 mm
Scene Capture Type	: Standard
GPS Version ID	: 2.2.0.0
GPS Time Stamp	: 08:32:20
GPS Map Datum	: WGS-84
GPS Date Stamp	: 2022:12:21
XMP Toolkit	: Image::ExifTool 10.96
Date/Time Digitized	: 2022:12:21 15:32:20+07:00
Date Created	: 2022:12:21 15:32:20.831+07:00
Profile CMM Type	: Apple Computer Inc.
Profile Version	: 4.0.0
Profile Class	: Display Device Profile
Color Space Data	: RGB

Profile Connection Space	: XYZ
Profile Date Time	: 2018:06:24 13:22:32
Profile File Signature	: acsp
Primary Platform	: Apple Computer Inc.
CMM Flags	: Not Embedded, Independent
Device Manufacturer	: Unknown (OPPO)
Device Model	:
Device Attributes	: Reflective, Glossy, Positive, Color
Rendering Intent	: Perceptual
Connection Space Illuminant	: 0.9642 1 0.82491
Profile Creator	: Apple Computer Inc.
Profile ID	: 0
Profile Description	: Display P3
Profile Copyright	: Copyright Apple Inc., 2017
Media White Point	: 0.95045 1 1.08905
Red Matrix Column	: 0.51512 0.2412 -0.00105
Green Matrix Column	: 0.29198 0.69225 0.04189
Blue Matrix Column	: 0.1571 0.06657 0.78407
Red Tone Reproduction Curve	: (Binary data 32 bytes, use -b option to extract)
Chromatic Adaptation	: 1.04788 0.02292 -0.0502 0.02959 0.99048 -0.01706 -0.00923 0.01508 0.75168
Blue Tone Reproduction Curve	: (Binary data 32 bytes, use -b option to extract)
Green Tone Reproduction Curve	: (Binary data 32 bytes, use -b option to extract)
Image Width	: 2256
Image Height	: 4000
Encoding Process	: Baseline DCT, Huffman coding
Bits Per Sample	: 8
Color Components	: 3
Y Cb Cr Sub Sampling	: YCbCr4:2:0 (2 2)
Aperture	: 1.8
Image Size	: 2256x4000
Megapixels	: 9.0
Scale Factor To 35 mm Equivalent	: 4.6
Shutter Speed	: 1/50
Create Date	: 2022:12:21 15:32:20.831
Date/Time Original	: 2022:12:21 15:32:20.831+07:00
Modify Date	: 2022:12:21 15:32:20.831
GPS Date/Time	: 2022:12:21 08:32:20Z
GPS Latitude	: 7 deg 15' 9.97" S
GPS Longitude	: 112 deg 45' 2.06" E
GPS Latitude Ref	: South
GPS Longitude Ref	: East
Circle Of Confusion	: 0.007 mm
Field Of View	: 73.7 deg
Focal Length	: 5.2 mm (35 mm equivalent: 24.0 mm)
GPS Position	: 7 deg 15' 9.97" S, 112 deg 45' 2.06" E
Hyperfocal Distance	: 2.39 m
Light Value	: 3.8

It feels so clueless until we read the description of the challenge again.

I found a place that give me a backroom vibes. I think I like this place, so I give this place 5 star. Can you find this place?

it seemed to highlighted the word 'place'. So, based on the data file given by the `exiftool` . We try to 'find' the place with the GPS latitude and longitude data.

GPS Latitude	: 7 deg 15' 9.97" S
GPS Longitude	: 112 deg 45' 2.06" E

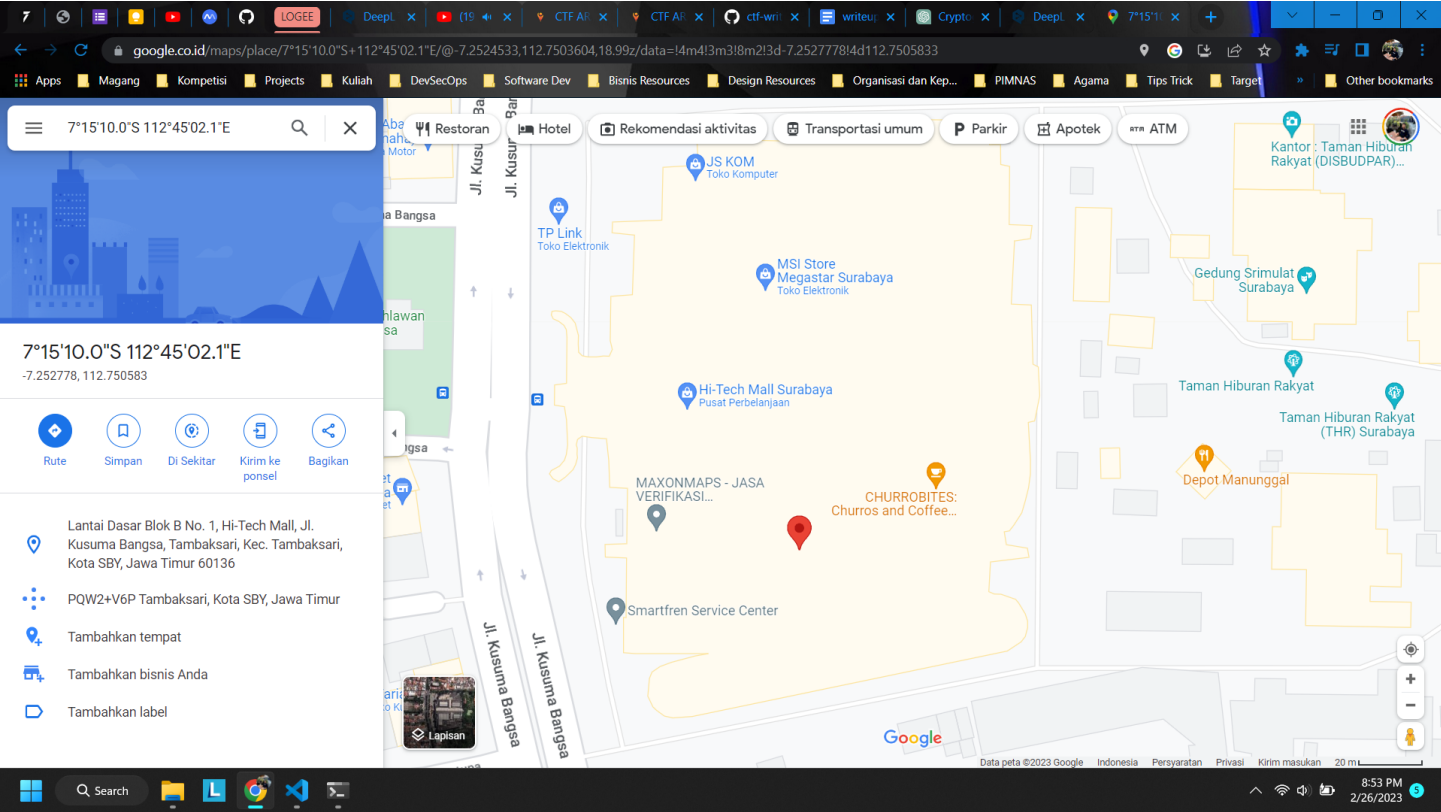
Use the Google Maps, so, we need to convert it into this form.

7°15'9.97"S
112°45'2.06"E

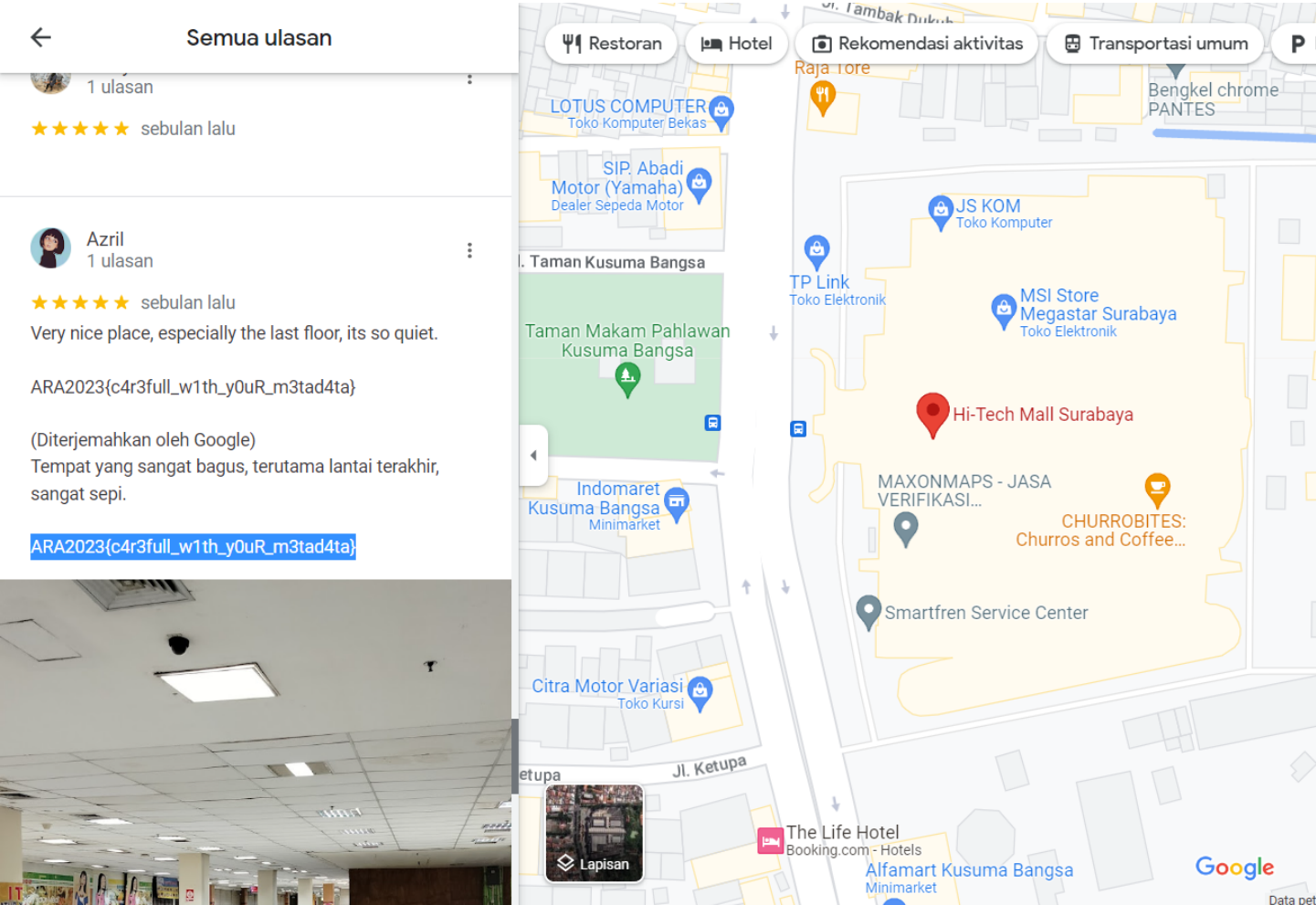
Open the Google Maps, input the latitude and longitude data into search bar with

longitude latitude

 format.



When we see, there is several place that pinned here. As the description challenge said, "so I give this place 5 star". Try to search one by one from these places the 5 stars review (sort by latest and highest rating). Then, we got it in Hi-Tech Mall Surabaya as follows.



So, this is the flag.

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