vishwaCTF

CHALLENGE NAME: [Travel Confusion]

DEV : [Riya Shah]

CATEGORY: [OSINT]

LEVEL: [Hard]

2025

Challenge Description:

My friend recently had a solo trip to some place for a vacation.It was awesome but the travel was tiring.She clicked so many pictures but forgot which flight she had taken,help me find a flight to plan my own trip soon.
Flag Format: VishwaCTF{}   (flightcodeflightno,seperated by underscores if flights changed)(All Caps)
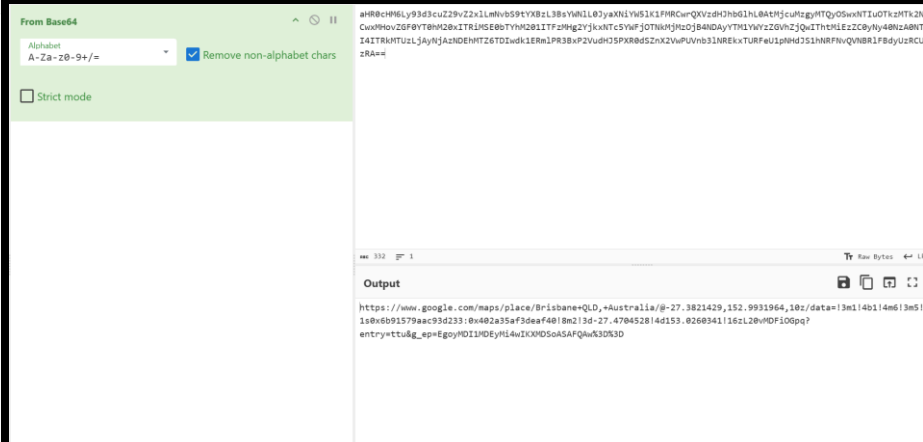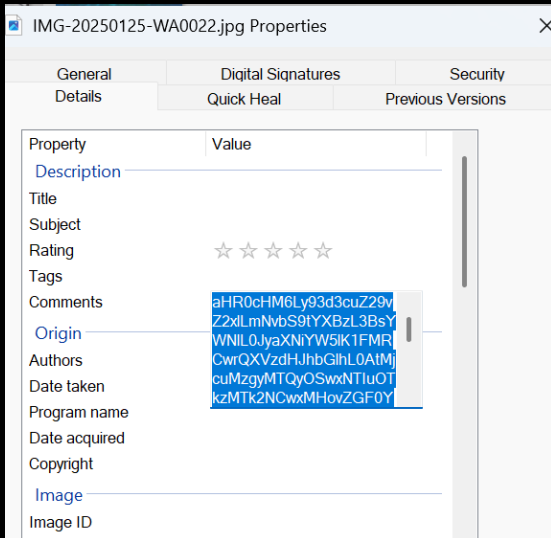
Attachments: a zip file containing images.

Writeup:

1) Since we have to find a flight,its easier to search through the images sorted in ascending order(date wise).
2) IMG-20250125-WA0014.jpg -> We get the departure point i.e., Budapest on 10 February,8:30.
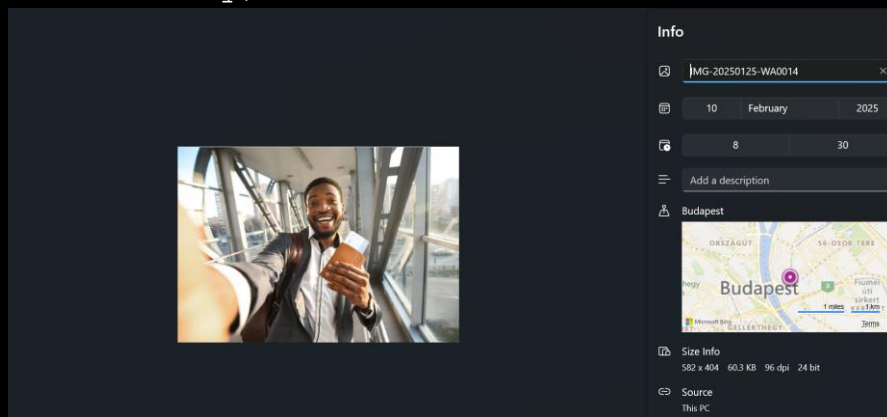
3) IMG-20250125-WA0019.jpg -> We only get the date i.e., 10 February ,13:10.
4) 4)IMG-20250125-WA0018.jpg -> On searching through Google Lens,we get to know its Pearl Island,Doha on 10 February,16:36(Might be the destination or a stop).
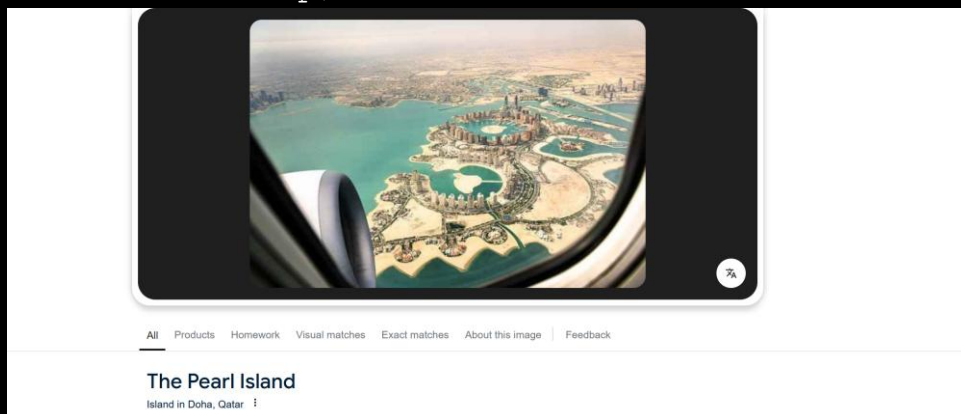
5) IMG-20250125-WA0022.jpg -> Here we get some code in the properties of the image dated 11 February,17:00.(Since it's a flight picture,Doha is a stop and not a destination).

aHR0cHM6Ly93d3cuZ29vZ2xlLmNvbS9tYXBzL3BsYWNlL0JyaXNiYW5lK1FMRCwrQXVzdHJhbGlhL0AtMjcuMzgyMTQyOSwxNTIuOTkzMTk2NCwxMHovZGF0YT0hM20xITR1MSE0bTYhM20lITF2MHg2YjkxNTc5YWFjOTNkMjMzOjB4NDAyYTM1YWYzZGVhZjQwYThtMiEzdC0yNy40NzA0NTI4ITRkMTUzLjAyNjAzNDExNjZML20vMDFiOGpq?entry=ttu&g_ep=EgoyMDI1MDEyMi4wIKXMDSoASAFQAw%3D%3D

6) The code on decoding(Base64) gives a link which leads us to Brisbane,Queensland.

7) IMG-20250125-WA0017.jpg -> Shows that the destination is somewhere near the Great Barrier Reef and Brisbane in Queensland on 12 February,10:03.

8) The Great Barrier Reef has many islands around it,to find the destination airport,we refer IMG-20250125-WA0024.jpg and IMG-20250125.WA0025.jpg(Here,Strand couldn't have been London since the image is dated 25th First one leads us to a travel website
in which we come across a few selected islands in Queensland.
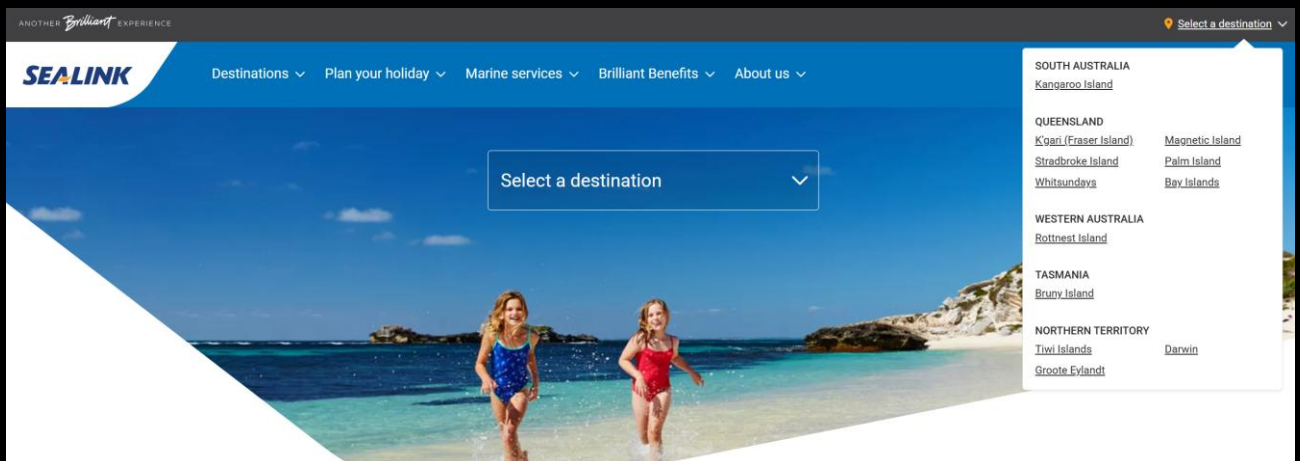
9) To find one of them,the second image has a place called Strand which is in Townsville,Queensland.Townsville is also known as the Magnetic Island.

10) So the flow is as:

Budapest -> Doha -> Brisbane -> Townsville
(10/02 -> 10/02 -> 11/02 -> 12/02)
11) Now we go through MakeMyTrip to find flights from Budapest to
Townsville.
12) To find one flight among the many available, one of the Sealink's
linkedin posts has a comment 3-3-3,3-4-4,2-3 which indicates the flight
seating arrangement(unique).

13)Hence we get the flight: Quatar Airways(QR202),Quatar
Airways(QR898),Quatar Airways(QR6367).

Flag:VishwaCTFC{QR202_QR898_QR6367}