การจำลองการทำงาน

1. ส่ง beacon (topic) ไปยัง mqtt server
2. Subscribe topic จาก mqtt server ได้ข้อมูล beacon
3. ประมวลผลข้อมูลที่ได้รับตามเงื่อนไข
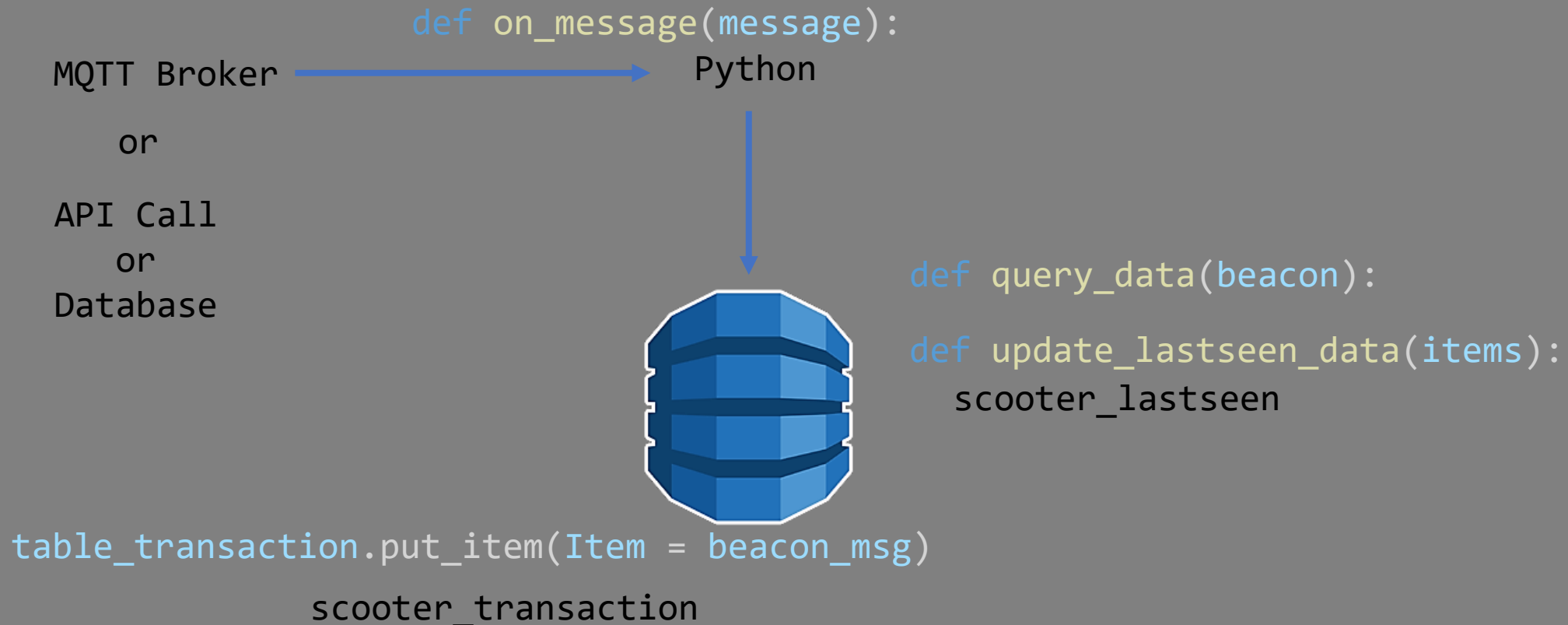4. ส่งข้อมูลเข้า dynamodb ไปยัง scooter_lastseen, scooter_transaction table

scooter_transaction

เก็บข้อมูลสถานะล่าสุดของ scooter ที่ตรวจจับได้

scooter_lastseen
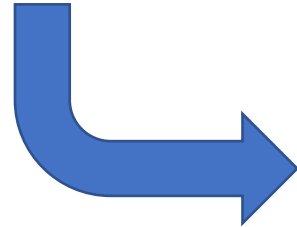
เมื่อมีการเปลี่ยนสถานะ เข้า ออก จะบันทึกมาที่ scooter_transaction

F→T เข้า
T→F→F ออก

การคำนวณระยะเวลา จากข้อมูลใน `scooter_transaction`

	A	B	C	D	E	F	G	H	I	J
1	timestamp	beacon_id	device_id	is_present	lastseen	rssi	status	second	hh:mm:ss	
2	1682570034	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-77	ongoing			
3	1682570050	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-60	completed	16	00:00:16	
4	1682570125	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-99	ongoing			
5	1682570145	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-60	completed	20	00:00:20	
6	1682570320	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-72	ongoing			
7	1682570335	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-68	completed	15	00:00:15	
8	1682570365	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-77	ongoing			
9	1682570375	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-35	completed	10	00:00:10	
10	1682570435	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-77	ongoing			
11	1682570440	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-30	completed	5	00:00:05	
12	1682570686	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-92	ongoing			
13	1682570691	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-40	completed	5	00:00:05	
14	1682570711	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-82	ongoing			
15	1682570746	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-37	completed	35	00:00:35	
16	1682570826	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-88	ongoing			
17	1682570866	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-9	completed	40	00:00:40	
18	1682570881	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-82	ongoing			
19	1682570901	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-20	completed	20	00:00:20	
20	1682570926	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-87	ongoing			
21	1682570956	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-7	completed	30	00:00:30	
22	1682571252	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-80	ongoing			
23	1682571257	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-19	completed	5	00:00:05	
24	1682571357	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	FALSE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-89	ongoing			
25	1682571362	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	5046452	TRUE	E0702891-AE8E-8DC0-B0DE-3C666B326CA9:3138:0055	'-48	completed	5	00:00:05	

J6

Queries & C...

Queries | Connections

1 query

scooter_transaction_v1
66 rows loaded.