



IoT Platform Team Project

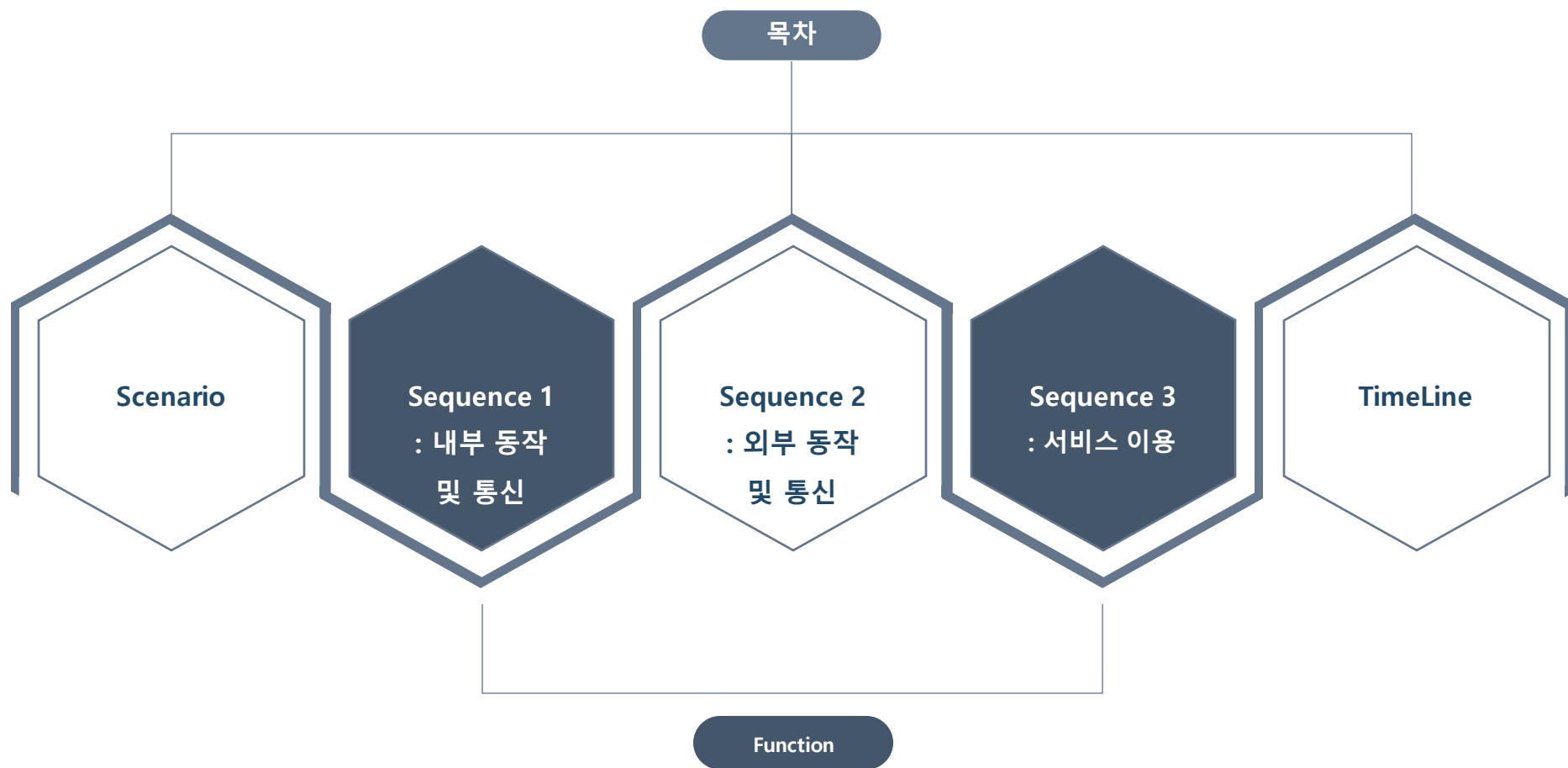
Smart Delivery Box



20181509 김보윤
20181505 김도엽
20181536 임재혁
20201693 조찬호

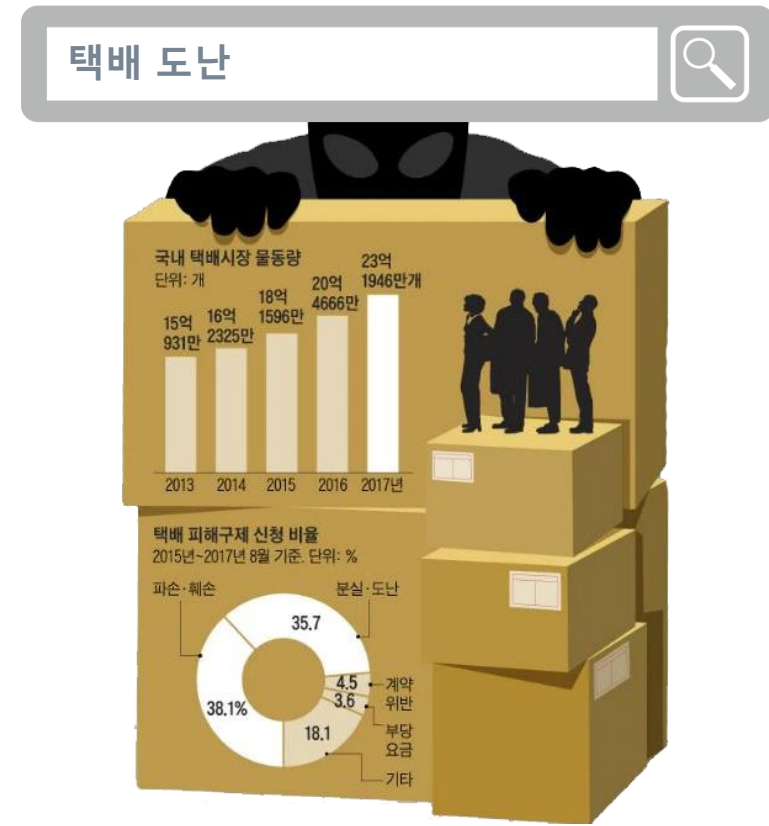


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Why did We come up with this idea?





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택배 배송

제공

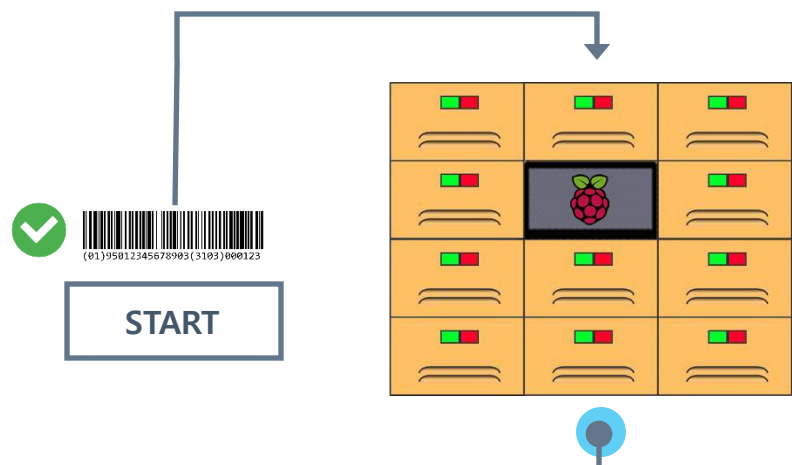


택배원

보관함에 배송물 제공 및 스캔 확인

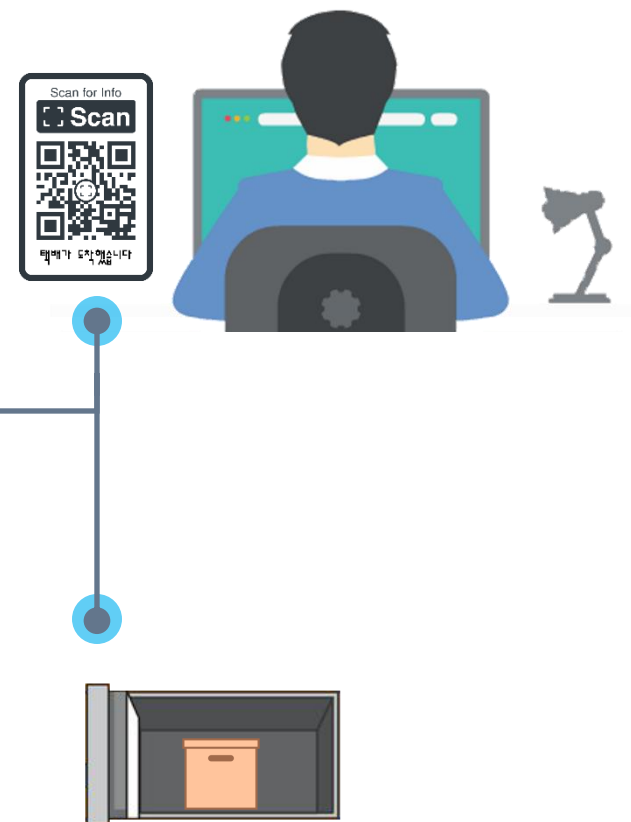
스마트 택배함

데이터 제어



사용자

서비스 이용



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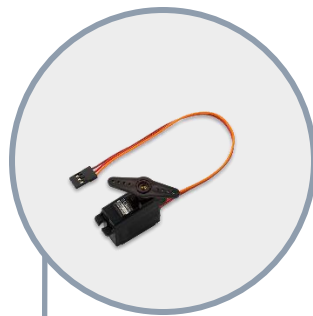
🔗 Connectivity

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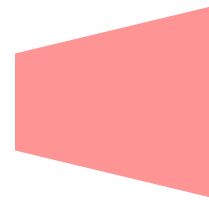
📅 TimeLine



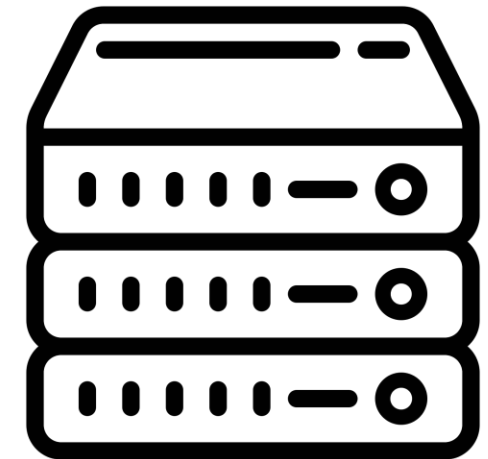
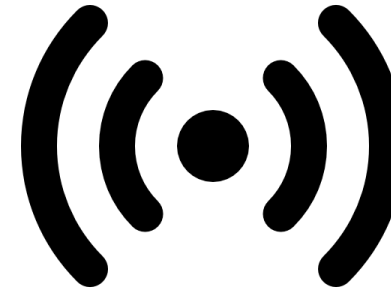
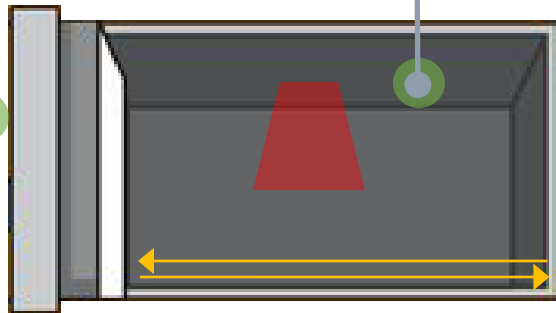
서보 모터: 잠금 제어



카메라: 바코드 스캔



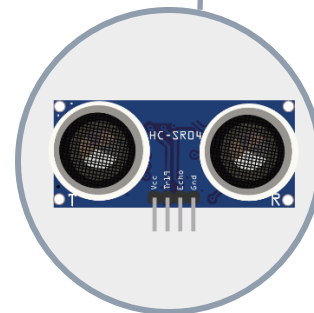
Scan Tool
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서버: 데이터 관리 및 신호



스위치: 잠금 체크



초음파 센서: 내용 유무 체크







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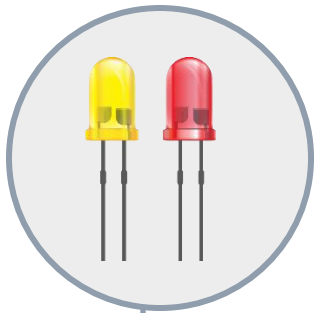
Scenario_1

Scenario_2

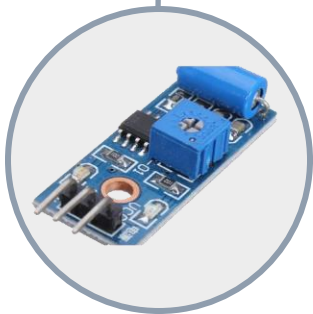
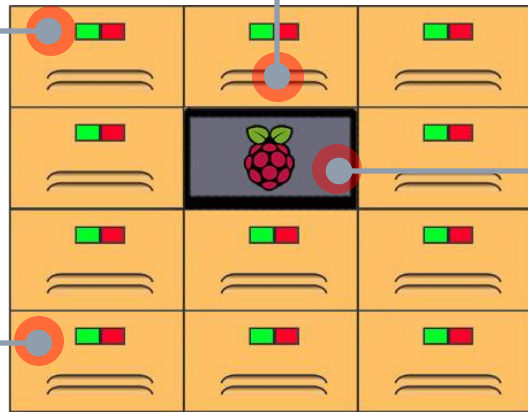
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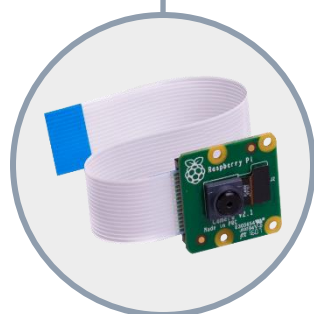
LED: Empty Check



PIR Sensor: 사람 감지



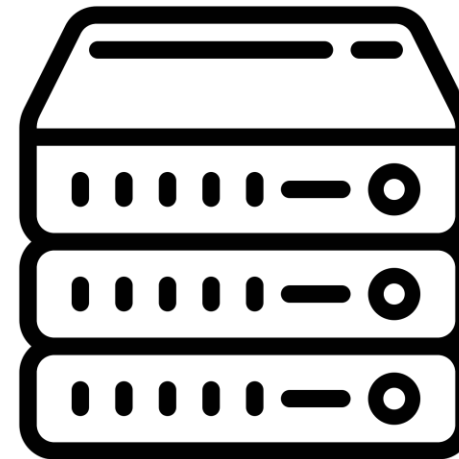
진동 센서 & 부저: 유지 보수



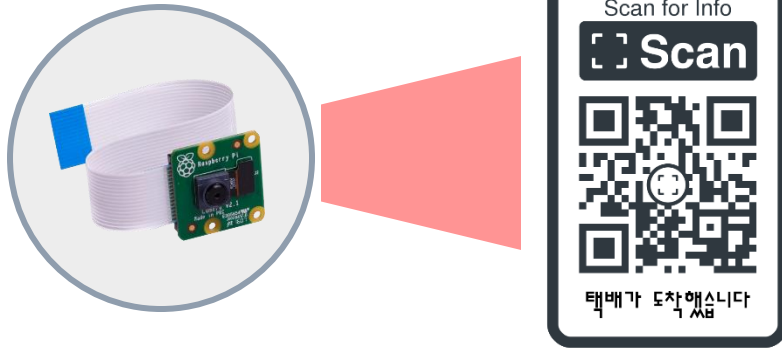
카메라: QR Code Reader



Scan Tool
: Open_CV AND Zbar



카메라: QR Code Reader



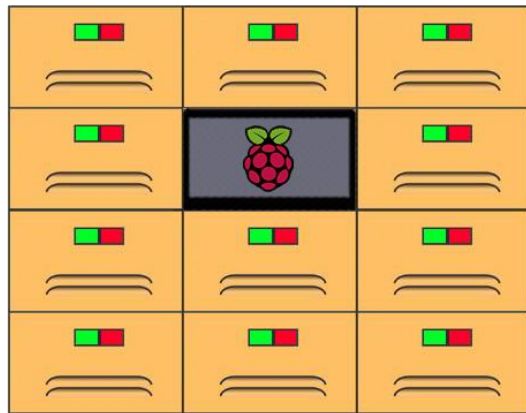
서버: 데이터 확인 및 신호



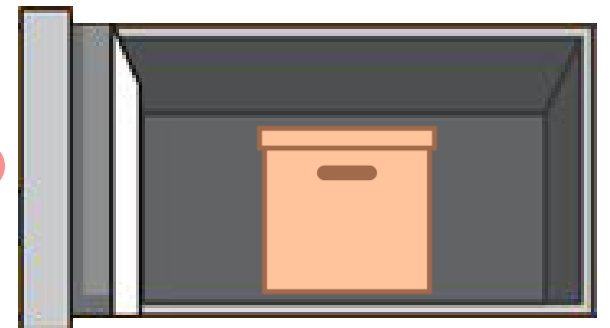
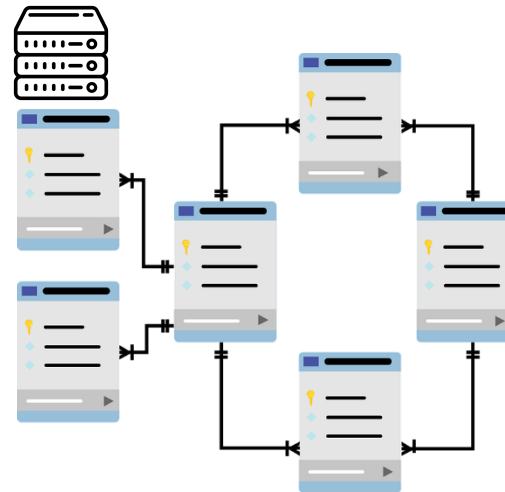
해당 번지 신호



Door OPEN



Scan Tool
: Open_CV AND Zbar



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IoT Platform Team Project

THANK YOU!!



Question

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