TESCA™

AI & ROBOTIC LAB-3

ORDER CODE - 23246646.3

- Easy to Start
- Early Results
- Motivates Students
- No Cost of Failure

#	Item	Quantity	Note
1	AI Kit	20 Kits	
2	LMS Teacher Access	5 Licenses	
3	LMS for Students	500 Licenses per school	
4	Access to coding Application	-	
5	Access to Cloud	-	
6	Access to Android App Development Extension	-	
7	Teacher Training Program	3 days	Virtual
8	1 year virtual support	24 Virtual sessions	Through one year period

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SPECIFICATION

- Contains 63 Module & Accessories
- It contain one Programmable Block called – NetLogic (WIFI & Bluetooth both)
- Basic electronics components like Light, Buzzer, NOT Gate, High Speed Motor
- Two ON/OFF Motors with Mounted BO & Servo motor & Parts.
- 13 types of sensors, few are Light Sensor, Obstacle Sensor & Moisture Sensor, Motion, Vibration Sensor, Sound Sensor, Tilt Sensor
- Smart Switch – to control appliances
- Having Construction Kit which contains 100+ components

SAMPLE PROJECTS

- Morse code with buzzer
- Pre-programmed path robot
- Automatic plant watering
- Cliff avoiding robot
- Obstacle avoiding robot
- Salt water conductivity
- Digital Key
- Digital dimmer project .....and many more

Component	Qty
Adapter/Charger	1
Battery Power	2
Buzzer	1
Connectivity sensor	1
Copy	1
Dimmer	1
High speed motor	1
Inverter	1
Light	1
Light Sensor	1
Limit Switch	2
Magnetic sensor	1
Mini Plastic Fan	1
Motion Sensor	1
Motor with mounted BO	2
NetLogic	1
Obstacle sensor	2
OTG Adapter	1
Pipe	1
Pulley	1
Pulse Delay	1

Component	Qty
Push Button	2
Receiver	1
Sensor Base with threshold	4
Servo Motor	2
Servo Motor part	2
Smart Switch	1
sound sensor	1
Submersible pump	1
Switch	2
Tilt sensor	1
Transmitter	1
U- Left	1
U- Right	1
USB Cable	3
Vibration Motor	1
Vibration sensor	1
Wheel	2
Small Wheel	1
Magnet	1
Wire	4

Component	Qty
AND	1
OR	1
Toggle	1
USB Rechargeable Battery	2
Plastic Building Block Set 100+ Pcs	1

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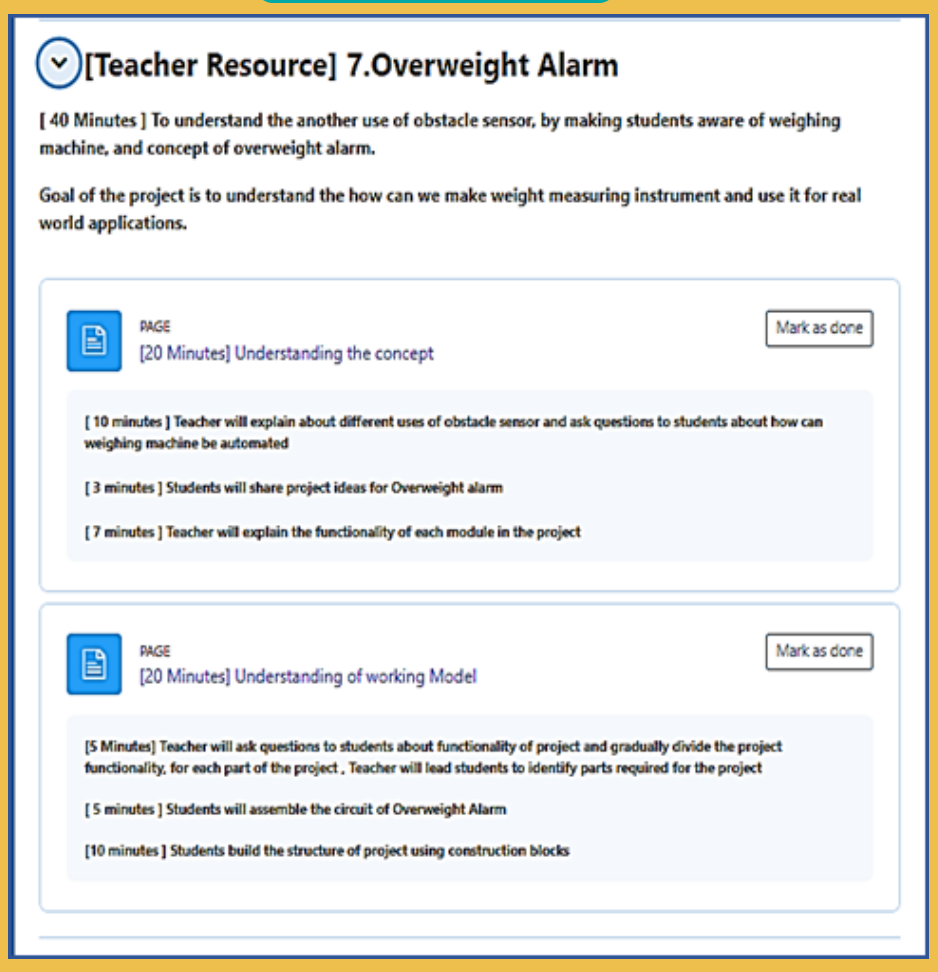
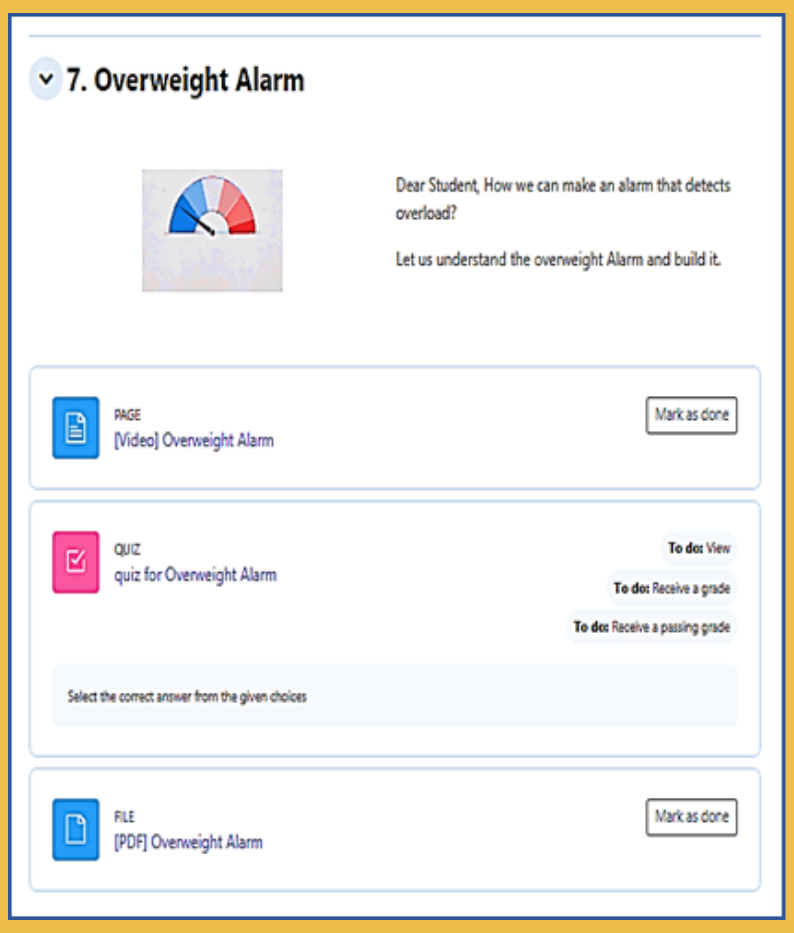
LMS FOR TEACHER`S & STUDENT`S

Teachers View



- Teaching Resources
- Session Power Point presentations
- Monitor students progress

Student View



- Learning Resources – Videos & Documents
- Quizzes
- Scholarship

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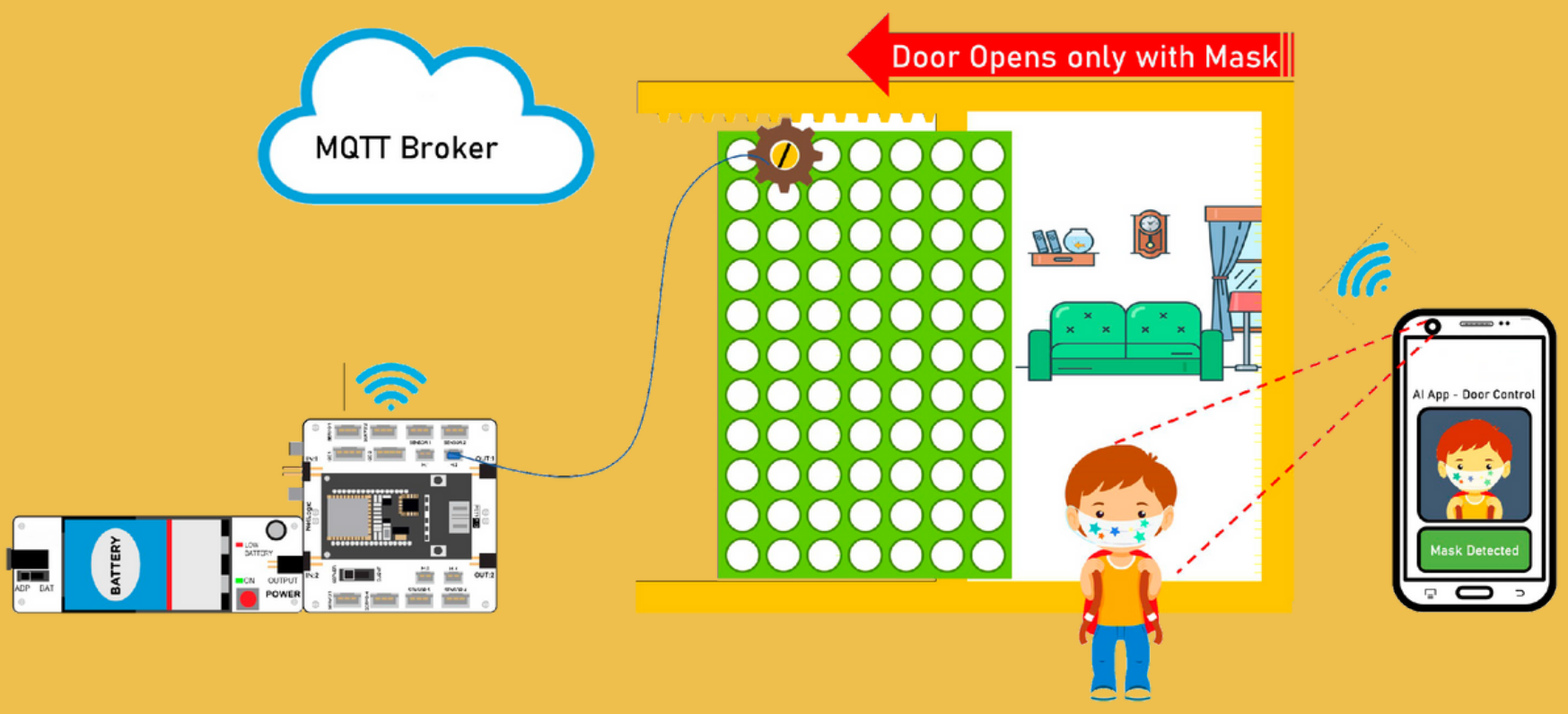
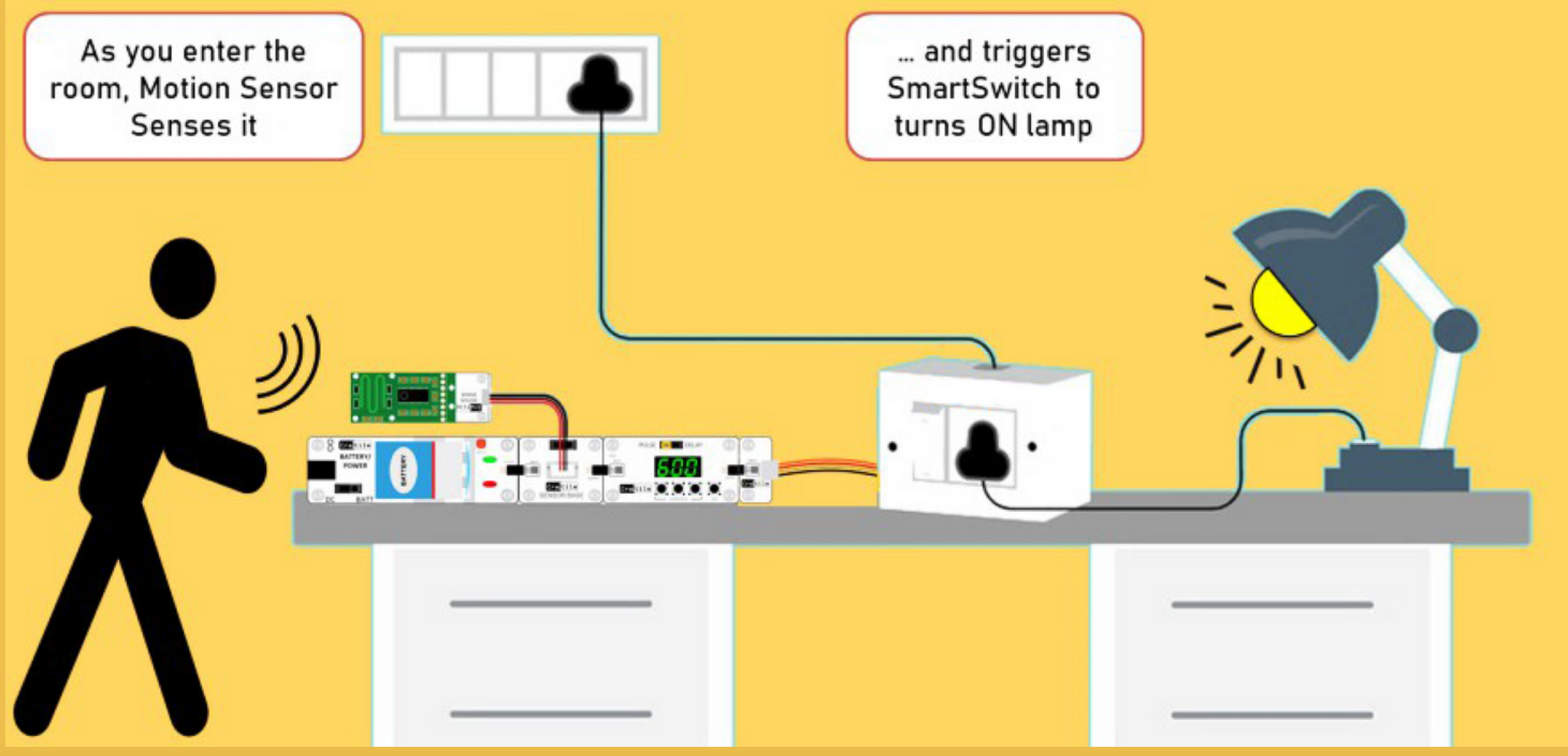
MAKE YOUR OWN AI APP WITH MIT APP INVENTOR



AUTOMATE WITH SMART SWITCH



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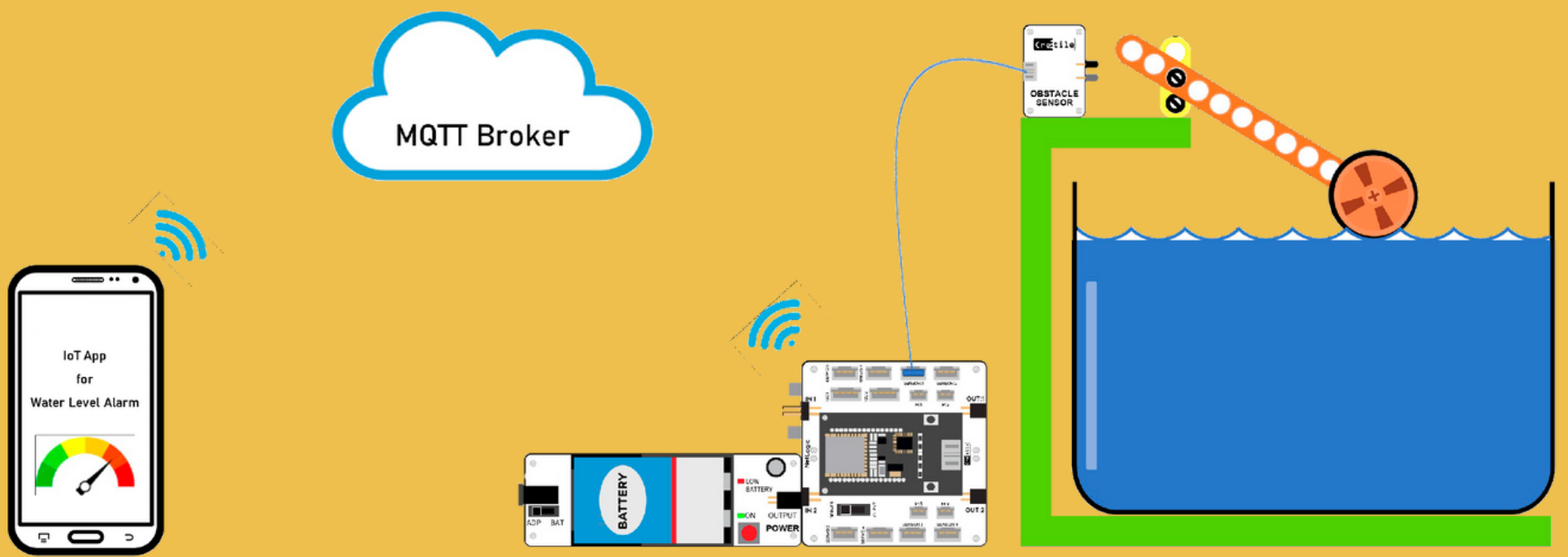
MAKE YOUR OWN IOT APP WITH MIT APP INVENTOR



We train school teachers on:

- How to use kit
- How to make use of LMS
- How to effectively teach in the classroom
- How to mentor students

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