

## Requirment

user register  
 user Login  
 device register  
 receive Device send Sensors Data (3 integer datas)  
 Device OTA firmware Upload and setting version  
 Need Admin Page  
 Database Structure(Mongo DB or maria DB)  
 all return Value by json format

Function	page name	input parameter	return parameter	value
User Register	register	username	ret	fail
		Password e-mail Mobile		when register fail success when register success
User login	login	ID	ret	fail
		Password		when register fail success when register success
Device register	devreg	mac	ret	fail
		username	live	when register fail success streaming url format : <b>http://streamingurl/macaddress</b>
receive sensor Data	sensors	ph	ret	fail
		temp tds		when register fail success when register success
request Sensor Data		ex)http://url/sensors/ph=xxx&temp=xxxx&tds=xxxx		
			ph	latest ph sensor data
			temp	latest temp data
			tds	latest tds data
device reset	reset	mac	ret	fail
		username		when register fail success when register success
OTA	ota	when Receive Device reset request - Database will delete for device		
		ex) http://url/devicereset/mac=macaddress&username=username		
		vcheck	OTAversion	ex)OTAversion = 1.30.1
		update	OTAversion OTA file link	