# DOS PROJECT: ARCHITECTURE

REST

RESTFUL INTERFACE

MSG TRANSLATION UNIT

PUB

SUB

BROKER

DDL DB

REGISTRATION PORTAL

PUB

SUB

MQTT-SN BASED CLIENT

LED SERVICE

ON BOARD APPS

THERMOMETER SERVICE

| LED1 | LED2 | …. | LEDn |

C++ BASED HIGH LEVEL DRIVER INTERFACE

| DS18B20 | TMP36 |

LED CLASS

ABSTRACT BASE DRIVER CLASS

THERMOMETER CLASS

ABSTRACT BASE DRIVER CLASS

LOGICAL PIN INTERFACE

HAL

GPIO

ADC