Design Level 2 Diagram (1/2)

Input

Battery Level Sensor

Airflow Sensor*

Outside Temperature and Humidity from OpenWeather API

ADC Port

ESP32

ADC Port

Temperature and Humidity Sensor

HTTP GET Request

A

Timer MQTT Topic SUB
Update MQTT Topic SUB**

B

Data MQTT Topic PUB
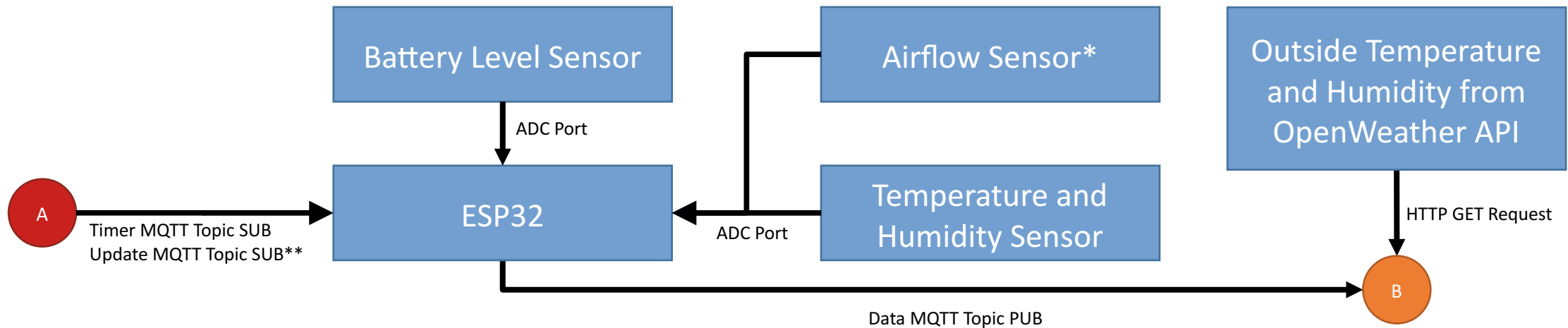
*To be implemented later
**The Update MQTT Topic publisher is a separate program to be ran by the admin. Therefore, it is not shown in the pipeline's design diagram

Design Level 2 Diagram (2/2)