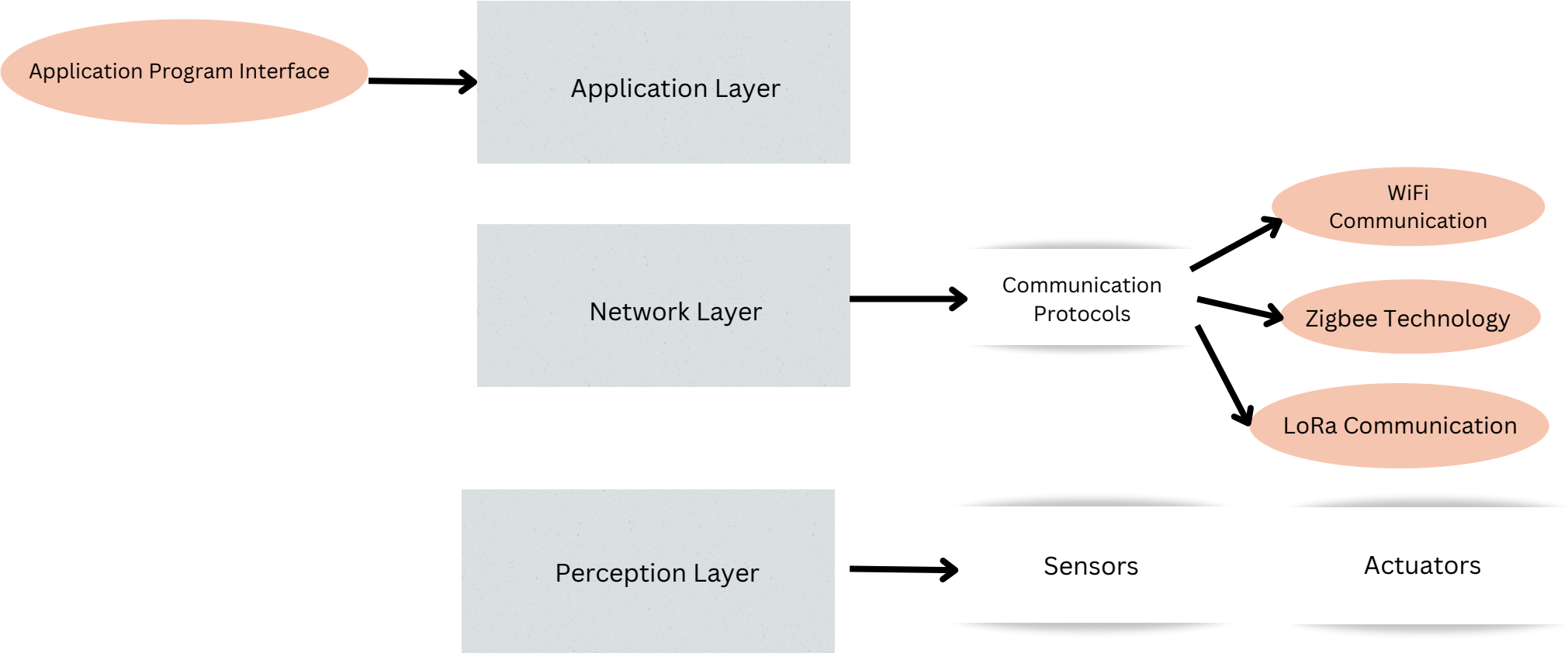
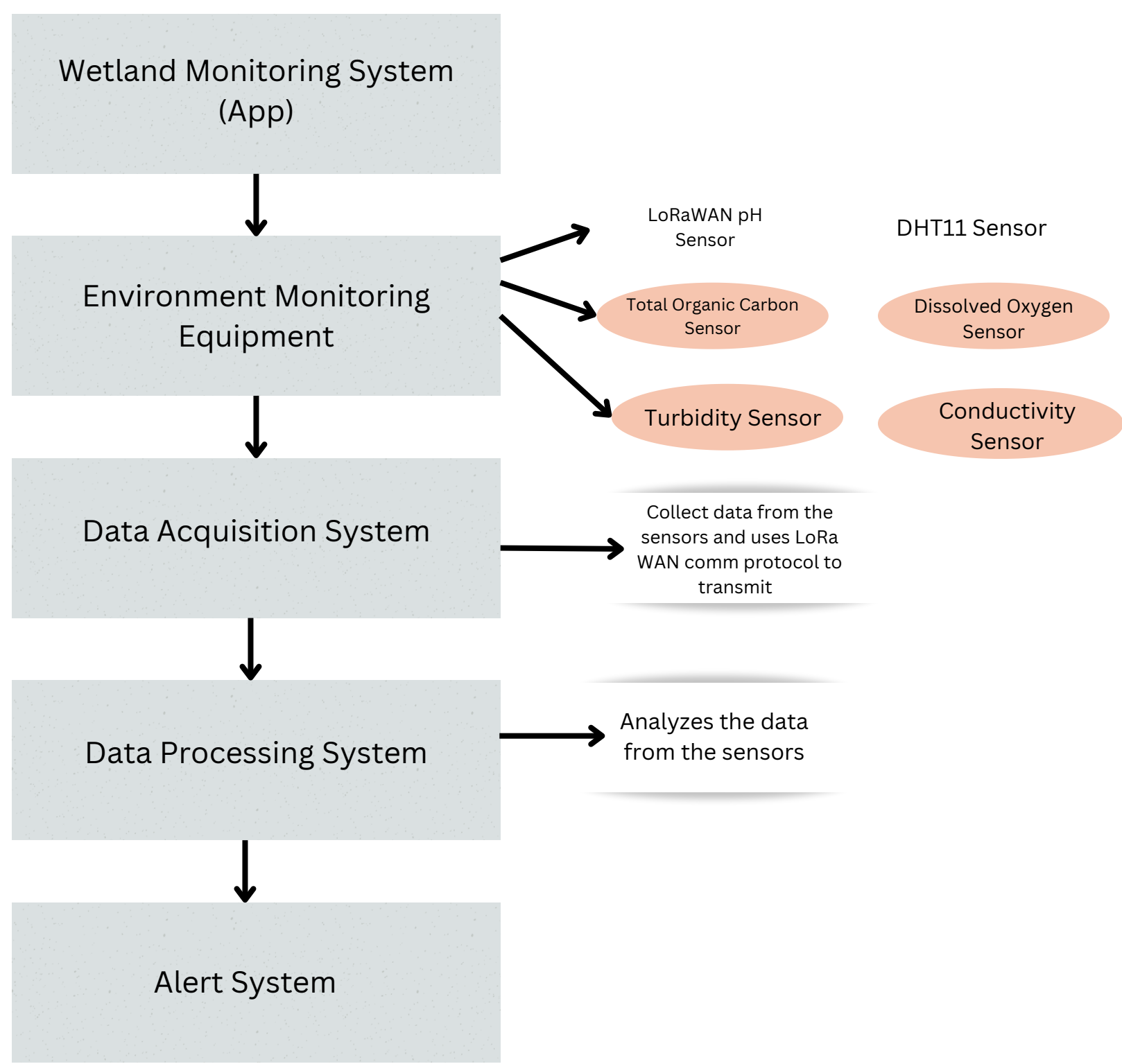


3 Layer IoT Architecture



Intelligent Wetland Monitoring System



LoRa WAN pH sensor is commonly used sensor in the wetland environments and can be used for long distance communication. It also sends alert to the concerned authority when the pH level falls outside the desired range.



DHT11 is a digital Temperature and Humidity Sensor that provides data in real time. The temperature range of the sensor varies from 0-50 degree Celcius.



The Total Organic Carbon Sensor can be a good indicator of pollution in wetlands