

AWS

See AWS block diagram for more details on AWS

Wifi

Hub

Pi 4

Memory for
gathered sensor
data

Connected
Transponder

Indicator LEDs
Enabled/Disabled

Wall plug

Wifi

Transponder

Pi Zero W

Disconnected
tools

Memory for
gathered sensor
data

Enalbe Timer

Indicator LEDs
Enabled/Disabled

Battery

Wifi

Tool

Pi Zero W

Memory for
gathered sensor
data

Sensors (Temp,
vibration, Time of use
counter)

Tool Locking
Mechanism will
be Indicator
LEDs
Enabled/Disabled

Battery