

Diagnostic
Event Service

Power Up All
Components



Take
measurement
from
Accelerometer

Take
measurement
from
Gyroscope

Take
measurement
from
Magnetometer

Get location
from GPS

Get Filesystem
information
from SD

Get light
sensor output

Toggle LED

Get
measurement
from Power
Meter

Get Xbee
Module Signal

Send all
measurements
to base station

Diagnostic
flag set?

No

RET

Yes

