**Input:** Analog waveform of

Blood pressure,

Heart rate,

Heart Oxygen level,

Body temperature

**Output:**

Signal loss alert;

Shock alert;

Oxygen supplemental alert;

Fever sign;

Hypotension or hypertension sign.

**Definition:**

TrytoCatch():

Module to find signal loss to and shock alert to report emergency

Threshold function of Blood Pressure():

To check if patient’s blood pressure is in a normal scope

Threshold function of Oxygen Level():

Check if the Oxygen Level under a normal range

Threshold function of Body Temperature():

Check if the body temperature is so high that the patient catch a fever