Temperature Threshold Use Case BASIC COURSE:

At regular intervals the circuit indicates it's temperature through the temperature sensor.

The system will track the temperature over time and identify when the circuit is approaching the temperature threshold. The system will then increase the fan speed in proportion to temperature intensity.

ALTERNATIVE COURSE:

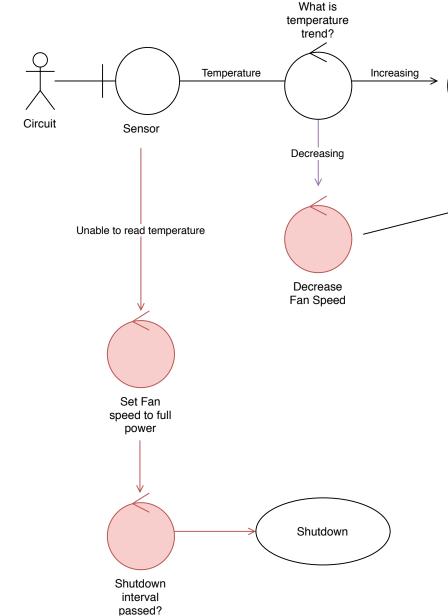
system shutdown.

system will automatically set the fan's speed to full power to ensure the circuit is cool enough. After a designated interval has passed, the system will assume hardware failure and initiate a system shutdown.

Designated interval has pass: After a designated interval has passed, the system will assume hardware failure and initiate a

The temperature cannot be read: The

Decrease fan speed: The system will track the temperature over time and identify when the circuit is approaching the temperature threshold. The system will then decrease the fan speed in proportion to temperature intensity.



Increase Fan Speed

Fan