No

No

Yes

Yes

No

No

Reconnect for 5 times.

Check if first send message.

Check if first send message.

Send Message, “Adjust accordingly”

Yes

Send Message, “Temperature stabilized.”

Turn off Buzzer

Send Temperature to Cloud Storage

No

Turn on Buzzer

Yes

Yes

Yes

Is the System connected to network?

No

Has GSM initialized?

Is Temperature below 15 and above 25 Degree Celsius

Read Temperature Value

Connect to Network

Start

Initialize GSM Module