**Stage 1:**

Successfully configured Bluetooth modules in master and slave configuration

Errors: LED stays on even when out of range

**Stage 2:**

Successfully established Bluetooth COMS between Receiver and Beacon

Fixed Error in stage 1

LED turns off when out of range

**Stage 3:**

Beacon Features:

* 30 ft range
* Sends Bluetooth signal to receiver

Receiver Features:

* LED indicator
* Sound alerts

**Stage 4:**

Beacon Features:

* 30 ft range
* Sends Bluetooth signal to receiver
* LED Strip lights up when receiver’s in range

Receiver Features:

* LED indicator
* Sound alerts

**Stage 5:**

**Removes the need for a receiver**

Beacon Features:

* 15 ft range
* 4 Ultrasonic sensors
* LED Strip indication when sensors are tripped
* Sound Alert

**Stage 6:**

Beacon Features:

**Allows for range control**

* Adjustable range with max of 30 ft
* 4 ultrasonic sensors
* Sends Bluetooth signal to receiver if ultrasonic is triggered

Receiver Features:

* Led indicator
* Sound alerts