

Brian M. Project#2 – Detailed view (v1)

By Bill Weis

Requirements:

1. Be able to use voice to call the nurse/assistant

Solution – High Level:

1. We decided on using a commercially available button pusher

Details of the Solution

1 – Be able to use voice commands to call the nurse/assistant – The facility that Brian resides at does not use a standard nurse call system with the ¼" phono plug on one end and the red push button on the other. The device pictured below to the left works on wifi. I tried to remove the button from the center of the call device and I was able to solder wires in a tiny space, however that attempt was not successful and we looked for a different approach. We decided on a commercially available button pusher called Fingerbot which requires a Bluetooth hub (smart gateway) to work with Alexa. Both devices are shown below. The Fingerbot is X0031MZ3KH and the Smart Hub is X00371GU6V. We used the Tuya Smart app.

