In this demo i'm going to show transition state alpha where i'm going to go from state 0 to state 1 to state 3.

This transition state model captures the hardware and software components of my system working together as such that the raspberry pi sends the data to my base station once and then they both stop ..
In essence .. I have connected a gyroscope sensor which looks something like this on my raspberry pi's terminal as you see here it's connected on address number **68** and in essence .. just to show that it's working i'm going to execute this piece of code on my .. this .. this code that I have up here with that number 68 on my raspberry pi so if you see it here it's going to show that the the pi is moving and as you see as i move it it will it will the values of the x rotation the y rotation and the .. the acceleration .. in the y axis and z axis .. will change and then yeah as i stop it will go back to different readings so now that you can see that this is .. is working i'm going to start the demo.

So .. on the left i have my pi my rasp my xp that's in the ambulance and on the right i have my base station .. that is going to listen for the data that the .. xp or which is the pi in the ambulance is going to send .. and again this .. .. data is being read from a from a gyroscope sensor that is connected to a bvm that would be then rotating and causing and generating data about the .. generating data about the .. about duplication .. and in essence what i've done is i've programmed .. the .. my my code as such that i'm reading the data based on the sensors readings and then based on those i'm sending an error or an okay and so let's begin with that so i'm going to first start listening once i have listened i'm going to send data once in this case.

And .. before i send the data i want to talk about .. the thing .. the this on the right which is my database in the cloud what's going to happen is that once the data has been successfully received it's going to populate here and it's going to change the visuals automatically that give that give information about the data coming in and you will see this visual update so now that my data now that my my base station is listening i'm going to send the data once.

And as you see the data comes in the visual automatically updates and that's pretty much it here i'm going to go through the website and show this ..

So the dashboard again prints .. a copy of the database and .. this is a embedded view that google that using google products .. i can i can do as a as a web developer and present this on a website and making sure that it's secured and no one else can access it besides me who has the link .. and again i'm gonna send the data one more time for you to see this .. change on the website.

And so it's going to update here which it did right i'm just going to refresh this page.

And so .. the entry came by and it went from 30 to 31 and then if i want specifically everything about ambulance a which is the data which is the xp currently transmitting i can get those specific visuals here and again this is a transition state alpha where i .. send data once and again i'm reading the data from a sensor a gyroscope that is .. based on which i am/my program will either send a okay or a error.