

### **3 interaction design challenges:**

Most challenging part of this device is the actual design and placement of the product. Since, chewing a hazard is such a complex action to detect, creating a safety device with correct placement on the body is very crucial. Further, creating a sensor that is also functional for this issue is a great challenge to tackle.

Another, challenge that creates a potential problem is the usability by not only just one type of animal but more shapes and sizes. Even though, Misc could work the best for dogs due to their shapes and characteristics, but what about cats or ferrets? Would it be necessary to make this device all pets friendly or focus on just one breed?

And lastly, the actual safety commands are also something very important to eliminate a potential risk by disciplining a pet, instead of hurting them more. Therefore, coming up with effective and pain free shocking values to this device is important and very challenging. Even, designing new distraction solutions might be necessary to further create a safety control for the playful fur babies.