Wednesday Challenge Form

•**Group Members:** Alyssa Kim, Yatra Patel, Nare Karamyan

•**Problem Statement:** Make a device that can differ between a cat or a dog without any human interaction and one may not do any harm to the animal.

•**Approach:** We approached by using the animal's paw as a differention for there is quite a differentiate between the paw print of the animal. So in conclusion, we made our design that the machine will scan or take a picture of the paw so the machine can compare those paws with the data of all the types of breed in that the species. Then the machine will tell the operator if the paw is a cat's paw or a dog's paw.

•**Solution:** We used a scanner machine to recognize the animal

Lessons Learned: We should have thought the process more.